

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_1322745, EPI_ISL_1322755, EPI_ISL_1322775, EPI_ISL_1322820, EPI_ISL_1322826, EPI_ISL_1322828, EPI_ISL_1322830, EPI_ISL_1322831	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_1323628	Montana Public Health Laboratory	Montana Public Health Laboratory	Joy Ritter, Michelle Mozer, Carrie Biskupiak, Deborah Gibson
EPI_ISL_1323872, EPI_ISL_1323873, EPI_ISL_1323874	Hospital Universitari Vall d'Hebron	Hospital Universitari Vall d'Hebron	Cristina Andrés, Maria Piñana, Josep F Abril, Damir Garcia-Cehic, Ariadna Rando, Juliana Esperalba, Maria Gema Codina, Carla Castillo, Maria Carmen Martin, Tomás Pumarola, Josep Quer, Andrés Antón
EPI_ISL_1324468	National Platform bis UMONS/Jolimont	National Platform bis UMONS/Jolimont	François Dufrasne, Gautier Detry, Ruddy Wattiez
EPI_ISL_1324804, EPI_ISL_1324806, EPI_ISL_1324809, EPI_ISL_1324810, EPI_ISL_1324811, EPI_ISL_1324812, EPI_ISL_1324813, EPI_ISL_1324814, EPI_ISL_1324816, EPI_ISL_1324817, EPI_ISL_1324820, EPI_ISL_1324821, EPI_ISL_1324822, EPI_ISL_1324826, EPI_ISL_1324828, EPI_ISL_1324830, EPI_ISL_1324834, EPI_ISL_1324839, EPI_ISL_1324841, EPI_ISL_1324842, EPI_ISL_1324843, EPI_ISL_1324844, EPI_ISL_1324846, EPI_ISL_1324847, EPI_ISL_1324848, EPI_ISL_1324851, EPI_ISL_1324852, EPI_ISL_1324853, EPI_ISL_1324854, EPI_ISL_1324855, EPI_ISL_1324856, EPI_ISL_1324862, EPI_ISL_1324864, EPI_ISL_1324867, EPI_ISL_1324869, EPI_ISL_1324870, EPI_ISL_1324871, EPI_ISL_1324872, EPI_ISL_1324873, EPI_ISL_1324875, EPI_ISL_1324876, EPI_ISL_1324878, EPI_ISL_1324879, EPI_ISL_1324880, EPI_ISL_1324885, EPI_ISL_1324886, EPI_ISL_1324893, EPI_ISL_1324894, EPI_ISL_1324895, EPI_ISL_1324904, EPI_ISL_1324906, EPI_ISL_1324907, EPI_ISL_1324908, EPI_ISL_1324909, EPI_ISL_1324913, EPI_ISL_1324913, EPI_ISL_1324916, EPI_ISL_1324917, EPI_ISL_1324918, EPI_ISL_1324919, EPI_ISL_1324921, EPI_ISL_1324925, EPI_ISL_1324931, EPI_ISL_1324932, EPI_ISL_1324935, EPI_ISL_1324937, EPI_ISL_1324938, EPI_ISL_1324939, EPI_ISL_1324942, EPI_ISL_1324947, EPI_ISL_1324948, EPI_ISL_1324949, EPI_ISL_1324951, EPI_ISL_1324952, EPI_ISL_1324953, EPI_ISL_1324954, EPI_ISL_1324956, EPI_ISL_1324957, EPI_ISL_1324958, EPI_ISL_1324962, EPI_ISL_1324966, EPI_ISL_1324967, EPI_ISL_1324968, EPI_ISL_1324972, EPI_ISL_1324973, EPI_ISL_1324976, EPI_ISL_1324977, EPI_ISL_1324980, EPI_ISL_1324981, EPI_ISL_1324983, EPI_ISL_1324984, EPI_ISL_1324985, EPI_ISL_1324986, EPI_ISL_1324987, EPI_ISL_1324988, EPI_ISL_1324989, EPI_ISL_1324990, EPI_ISL_1324991, EPI_ISL_1324992, EPI_ISL_1324993, EPI_ISL_1325006, EPI_ISL_1325008, EPI_ISL_1325010, EPI_ISL_1325017, EPI_ISL_1325018, EPI_ISL_1325021, EPI_ISL_1325023, EPI_ISL_1325024, EPI_ISL_1325028, EPI_ISL_1325029, EPI_ISL_1325034, EPI_ISL_1325038, EPI_ISL_1325041, EPI_ISL_1325043, EPI_ISL_1325045, EPI_ISL_1325047, EPI_ISL_1325051, EPI_ISL_1325053, EPI_ISL_1325054, EPI_ISL_1325055, EPI_ISL_1325058, EPI_ISL_1325060, EPI_ISL_1325062, EPI_ISL_1325063, EPI_ISL_1325065, EPI_ISL_1325067, EPI_ISL_1325073, EPI_ISL_1325074, EPI_ISL_1325076, EPI_ISL_1325079, EPI_ISL_1325082, EPI_ISL_1325084, EPI_ISL_1325085, EPI_ISL_1325087, EPI_ISL_1325090, EPI_ISL_1325091, EPI_ISL_1325092,			

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EPI_ISL_1325371		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_1325372, EPI_ISL_1325373, EPI_ISL_1325374, EPI_ISL_1325376, EPI_ISL_1325377, EPI_ISL_1325378		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_1325379		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_1325380, EPI_ISL_1325381		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, Cord

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EPI_ISL_1329904, EPI_ISL_1329910, EPI_ISL_1329913	Lighthouse Lab in Glasgow	(COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team 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_1329914	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_1329917, EPI_ISL_1329920	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_1329922, EPI_ISL_1329928, EPI_ISL_1329931, EPI_ISL_1329937, EPI_ISL_1329940, EPI_ISL_1329947, EPI_ISL_1329948	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_1329949, EPI_ISL_1329953	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_1329965	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_1329968	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_1329973, EPI_ISL_1329976	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_1334581	Arizona State Public Health Laboratory	Arizona State Public Health Laboratory	Trung Huynh, Jessica Escobar, Katherine Fullerton, Nobuko Fukushima, Stacy White, Linda Getsinger, Victor Waddell
EPI_ISL_1335405, EPI_ISL_1335444, EPI_ISL_1335445, EPI_ISL_1335446, EPI_ISL_1335447, EPI_ISL_1335448	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_1335456, EPI_ISL_1335457	National Laboratory for Health, Environment and Food, OMM, Maribor	CISLD (Clinical Institute of Special Laboratory Diagnostics), University Children's Hospital, University Medical Center Ljubljana	Jernej Kova, Barbara Jenko Bizjan, Tine Tesovnik, Robert Šket, Katarina Kozmos, Ana Grom, Maruša Debeljak, Marko Pokorn, Tadej Battelino
EPI_ISL_1335462	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_1335506	National Laboratory for Health, Environment and Food, OMM, Kranj	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_1335520, EPI_ISL_1335530, EPI_ISL_1335531, EPI_ISL_1335532, EPI_ISL_1335533	National Laboratory for Health, Environment and Food, OMM, Maribor	CISLD (Clinical Institute of Special Laboratory Diagnostics), University Children's Hospital, University Medical Center Ljubljana	Jernej Kova, Barbara Jenko Bizjan, Tine Tesovnik, Robert Šket, Katarina Kozmos, Ana Grom, Maruša Debeljak, Marko Pokorn, Tadej Battelino
EPI_ISL_1335542	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_1335578	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_1335581	National Laboratory for Health, Environment and Food, OMM, Maribor	CISLD (Clinical Institute of Special Laboratory Diagnostics), University Children's Hospital, University Medical Center Ljubljana	Jernej Kova, Barbara Jenko Bizjan, Tine Tesovnik, Robert Šket, Katarina Kozmos, Ana Grom, Maruša Debeljak, Marko Pokorn, Tadej Battelino
EPI_ISL_1336284, EPI_ISL_1336294, EPI_ISL_1336296, EPI_ISL_1336297, EPI_ISL_1336299	MD PHL	MD PHL	Maryland Department of Health Laboratories Administration
EPI_ISL_1336878	Università degli Studi di Perugia	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Mencacci A, Camilloni B, Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1336911	L'AQUILONE	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo Valeria, Mangone I, Rinaldi A, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1337444, EPI_ISL_1337445, EPI_ISL_1337446	Univeritair Ziekenhuis Antwerpen (UZA)	UAntwerp, Laboratory of Medical Microbiology	Basil Britto Xavier, Jasmine Coppens, Marie Le Mercier, Christine Lammens, Veerle Matheeußen, Herman Goossens
EPI_ISL_1337447, EPI_ISL_1337456, EPI_ISL_1337457, EPI_ISL_1337461	Platform BIS UZA/UAntwerpen	UAntwerp, Laboratory of Medical Microbiology	Basil Britto Xavier, Jasmine Coppens, Marie Le Mercier, Christine Lammens, Veerle Matheeußen, Herman Goossens
EPI_ISL_1337495, EPI_ISL_1337496	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1337502	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1337503	DOHMH Riverside	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1337981, EPI_ISL_1337982, EPI_ISL_1337983, EPI_ISL_1337984, EPI_ISL_1337985, EPI_ISL_1337986, EPI_ISL_1337987	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_1340038, EPI_ISL_1340039	Houston Health Dept.	Houston Health Dept.	Ryker Penn, Pamela Brown, Adolpho Lara, Yanlai Lai
EPI_ISL_1341940, EPI_ISL_1342004	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_1342235	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

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EPI_ISL_1344749, EPI_ISL_1344756, EPI_ISL_1344771, EPI_ISL_1344772		(COG-UK) Consortium	Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1344774	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_1344776, EPI_ISL_1344777, EPI_ISL_1344779, EPI_ISL_1344792, EPI_ISL_1344810, EPI_ISL_1344817, EPI_ISL_1344819, EPI_ISL_1344823, EPI_ISL_1344825, EPI_ISL_1344828, EPI_ISL_1344832, EPI_ISL_1344844, EPI_ISL_1344864, EPI_ISL_1344867, EPI_ISL_1344876, EPI_ISL_1344890, EPI_ISL_1344893, EPI_ISL_1344905, EPI_ISL_1344922, EPI_ISL_1344923			
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_1344925, EPI_ISL_1344938, EPI_ISL_1344946, EPI_ISL_1344948, EPI_ISL_1344950, EPI_ISL_1344953, EPI_ISL_1344956, EPI_ISL_1344959, EPI_ISL_1344960, EPI_ISL_1344962, EPI_ISL_1344963, EPI_ISL_1344964, EPI_ISL_1344967, EPI_ISL_1344969, EPI_ISL_1344973, EPI_ISL_1344978, EPI_ISL_1344979, EPI_ISL_1344981, EPI_ISL_1344983, EPI_ISL_1344986, EPI_ISL_1344988, EPI_ISL_1344990, EPI_ISL_1344991, EPI_ISL_1344992, EPI_ISL_1345002, EPI_ISL_1345006, EPI_ISL_1345007, EPI_ISL_1345013, EPI_ISL_1345016, EPI_ISL_1345017, EPI_ISL_1345020, EPI_ISL_1345023, EPI_ISL_1345024, EPI_ISL_1345026, EPI_ISL_1345028, EPI_ISL_1345029, EPI_ISL_1345031, EPI_ISL_1345032, EPI_ISL_1345034, EPI_ISL_1345035, EPI_ISL_1345046, EPI_ISL_1345048, EPI_ISL_1345050, EPI_ISL_1345051, EPI_ISL_1345052, EPI_ISL_1345053, EPI_ISL_1345054, EPI_ISL_1345056, EPI_ISL_1345067, EPI_ISL_1345071, EPI_ISL_1345072, EPI_ISL_1345075, EPI_ISL_1345078, EPI_ISL_1345080, EPI_ISL_1345084, EPI_ISL_1345088, EPI_ISL_1345089, EPI_ISL_1345093, EPI_ISL_1345097, EPI_ISL_1345098, EPI_ISL_1345100, EPI_ISL_1345102, EPI_ISL_1345104, EPI_ISL_1345107, EPI_ISL_1345111, EPI_ISL_1345113, EPI_ISL_1345114, EPI_ISL_1345115, EPI_ISL_1345116, EPI_ISL_1345121, EPI_ISL_1345122, EPI_ISL_1345123, EPI_ISL_1345124, EPI_ISL_1345129, EPI_ISL_1345131, EPI_ISL_1345138, EPI_ISL_1345139, EPI_ISL_1345144, EPI_ISL_1345145, EPI_ISL_1345150, EPI_ISL_1345151, EPI_ISL_1345155, EPI_ISL_1345157, EPI_ISL_1345158, EPI_ISL_1345160, EPI_ISL_1345163, EPI_ISL_1345167, EPI_ISL_1345168, EPI_ISL_1345175, EPI_ISL_1345185, EPI_ISL_1345186, EPI_ISL_1345191, EPI_ISL_1345192, EPI_ISL_1345195, EPI_ISL_1345197, EPI_ISL_1345198, EPI_ISL_1345203, EPI_ISL_1345207, EPI_ISL_1345209, EPI_ISL_1345211, EPI_ISL_1345214, EPI_ISL_1345216, EPI_ISL_1345217, EPI_ISL_1345219, EPI_ISL_1345222, EPI_ISL_1345224, EPI_ISL_1345225, EPI_ISL_1345227, EPI_ISL_1345228, EPI_ISL_1345229, EPI_ISL_1345230, EPI_ISL_1345234, EPI_ISL_1345238, EPI_ISL_1345240, EPI_ISL_1345241, EPI_ISL_1345245, EPI_ISL_1345248, EPI_ISL_1345251, EPI_ISL_1345255, EPI_ISL_1345257, EPI_ISL_1345263, EPI_ISL_1345265, EPI_ISL_1345267, EPI_ISL_1345274, EPI_ISL_1345275, EPI_ISL_1345277, EPI_ISL_1345278, EPI_ISL_1345286			
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_1345296, EPI_ISL_1345302, EPI_ISL_1345310, EPI_ISL_1345313, EPI_ISL_1345324, EPI_ISL_1345326, EPI_ISL_1345328, EPI_ISL_1345335, EPI_ISL_1345338, EPI_ISL_1345343, EPI_ISL_1345350, EPI_ISL_1345351, EPI_ISL_1345356, EPI_ISL_1345360, EPI_ISL_1345364, EPI_ISL_1345366, EPI_ISL_1345369, EPI_ISL_1345373, EPI_ISL_1345380, EPI_ISL_1345384, EPI_ISL_1345385, EPI_ISL_1345390, EPI_ISL_1345391, EPI_ISL_1345395, EPI_ISL_1345396, EPI_ISL_1345398, EPI_ISL_1345402, EPI_ISL_1345405, EPI_ISL_1345407, EPI_ISL_1345410, EPI_ISL_1345411, EPI_ISL_1345412, EPI_ISL_1345415, EPI_ISL_1345418, EPI_ISL_1345421, EPI_ISL_1345422, EPI_ISL_1345423, EPI_ISL_1345424, EPI_ISL_1345427, EPI_ISL_1345428, EPI_ISL_1345431, EPI_ISL_1345434, EPI_ISL_1345441, EPI_ISL_1345443, EPI_ISL_1345444, EPI_ISL_1345446, EPI_ISL_1345447, EPI_ISL_1345448, EPI_ISL_1345459, EPI_ISL_1345461, EPI_ISL_1345462, EPI_ISL_1345464, EPI_ISL_1345466, EPI_ISL_1345468			
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_1345474	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_1345475, EPI_ISL_1345479, EPI_ISL_1345481, EPI_ISL_1345486, EPI_ISL_1345487, EPI_ISL_1345488, EPI_ISL_1345497, EPI_ISL_1345500, EPI_ISL_1345501, EPI_ISL_1345504, EPI_ISL_1345506, EPI_ISL_1345507, EPI_ISL_1345511, EPI_ISL_1345515, EPI_ISL_1345519, EPI_ISL_1345522, EPI_ISL_1345523, EPI_ISL_1345524, EPI_ISL_1345525, EPI_ISL_1345526, EPI_ISL_1345527, EPI_ISL_1345531, EPI_ISL_1345532, EPI_ISL_1345533, EPI_ISL_1345534, EPI_ISL_1345537, EPI_ISL_1345538, EPI_ISL_1345543, EPI_ISL_1345547, EPI_ISL_1345548, EPI_ISL_1345549, EPI_ISL_1345553, EPI_ISL_1345556, EPI_ISL_1345557, EPI_ISL_1345563, EPI_ISL_1345569, EPI_ISL_1345570, EPI_ISL_1345571, EPI_ISL_1345575, EPI_ISL_1345576, EPI_ISL_1345582, EPI_ISL_1345583, EPI_ISL_1345587, EPI_ISL_1345589, EPI_ISL_1345590, EPI_ISL_1345595, EPI_ISL_1345596, EPI_ISL_1345599, EPI_ISL_1345602, EPI_ISL_1345603, EPI_ISL_1345604, EPI_ISL_1345605, EPI_ISL_1345607, EPI_ISL_1345614, EPI_ISL_1345617, EPI_ISL_1345620, EPI_ISL_1345621, EPI_ISL_1345632, EPI_ISL_1345635, EPI_ISL_1345641, EPI_ISL_1345646, EPI_ISL_1345647			
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_1345650, EPI_ISL_1345651, EPI_ISL_1345652, EPI_ISL_1345653, EPI_ISL_1345655, EPI_ISL_1345656, EPI_ISL_1345657, EPI_ISL_1345658, EPI_ISL_1345659, EPI_ISL_1345660, EPI_ISL_1345661, EPI_ISL_1345662, EPI_ISL_1345663, EPI_ISL_1345664, EPI_ISL_1345665, EPI_ISL_1345666, EPI_ISL_1345667, EPI_ISL_1345668, EPI_ISL_1345669, EPI_ISL_1345670, EPI_ISL_1345671, EPI_ISL_1345672, EPI_ISL_1345673, EPI_ISL_1345674, EPI_ISL_1345675, EPI_ISL_1345676, EPI_ISL_1345677, EPI_ISL_1345678, EPI_ISL_1345679, EPI_ISL_1345680, EPI_ISL_1345681, EPI_ISL_1345682, EPI_ISL_1345683, EPI_ISL_1345684, EPI_ISL_1345685, EPI_ISL_1345686, EPI_ISL_1345687, EPI_ISL_1345688, EPI_ISL_1345689, EPI_ISL_1345690, EPI_ISL_1345691, EPI_ISL_1345692, EPI_ISL_1345693, EPI_ISL_1345694, EPI_ISL_1345695, EPI_ISL_1345696, EPI_ISL_1345697, EPI_ISL_1345698, EPI_ISL_1345699, EPI_ISL_1345700, EPI_ISL_1345701, EPI_ISL_1345702, EPI_ISL_1345703, EPI_ISL_1345704, EPI_ISL_1345705, EPI_ISL_1345706, EPI_ISL_1345707, EPI_ISL_1345708, EPI_ISL_1345709, EPI_ISL_1345710, EPI_ISL_1345711, EPI_ISL_1345712, EPI_ISL_1345713, EPI_ISL_1345714, EPI_ISL_1345715, EPI_ISL_1345716, EPI_ISL_1345717, EPI_ISL_1345718, EPI_ISL_1345719, EPI_ISL_1345720, EPI_ISL_1345721, EPI_ISL_1345722, EPI_ISL_1345723, EPI_ISL_1345724, EPI_ISL_1345725, EPI_ISL_1345726, EPI_ISL_1345727, EPI_ISL_1345728, EPI_ISL_1345729, EPI_ISL_1345730, EPI_ISL_1345731, EPI_ISL_1345732, EPI_ISL_1345733, EPI_ISL_1345734, EPI_ISL_1345735, EPI_ISL_1345736, EPI_ISL_1345737, EPI_ISL_1345738, EPI_ISL_1345739, EPI_ISL_1345740, EPI_ISL_1345741, EPI_ISL_1345742, EPI_ISL_1345743, EPI_ISL_1345744, EPI_ISL_1345745, EPI_ISL_1345746, EPI_ISL_1345747, EPI_ISL_1345748, EPI_ISL_1345749, EPI_ISL_1345750, EPI_ISL_1345751, EPI_ISL_1345752, EPI_ISL_1345753, EPI_ISL_1345754, EPI_ISL_1345755, EPI_ISL_1345756, EPI_ISL_1345757, EPI_ISL_1345758, EPI_ISL_1345759, EPI_ISL_1345760, EPI_ISL_1345761, EPI_ISL_1345762, EPI_ISL_1345763, EPI_ISL_1345764, EPI_ISL_1345765, EPI_ISL_1345766, EPI_ISL_1345767, EPI_ISL_1345768, EPI_ISL_1345769, EPI_ISL_1345770, EPI_ISL_1345771, EPI_ISL_1345772, EPI_ISL_1345773, EPI_ISL_1345774, EPI_ISL_1345775, EPI_ISL_1345776, EPI_ISL_1345777, EPI_ISL_1345778, EPI_ISL_1345779, EPI_ISL_1345780, EPI_ISL_1345781, EPI_ISL_1345782, EPI_ISL_1345783, EPI_ISL_1345784, EPI_ISL_1345785, EPI_ISL_1345786, EPI_ISL_1345787, EPI_ISL_1345788, EPI_ISL_1345789, EPI_ISL_1345790, EPI_ISL_1345791, EPI_ISL_1345792, EPI_ISL_1345793, EPI_ISL_1345794, EPI_ISL_1345795, EPI_ISL_1345796, EPI_ISL_1345797, EPI_ISL_1345798, EPI_ISL_1345799, EPI_ISL_1345800, EPI_ISL_1345801, EPI_ISL_1345802, EPI_ISL_1345803, EPI_ISL_1345804, EPI_ISL_1345805, EPI_ISL_1345806, EPI_ISL_1345807, EPI_ISL_1345808, EPI_ISL_1345809, EPI_ISL_1345810, EPI_ISL_1345811, EPI_ISL_1345812, EPI_ISL_1345813, EPI_ISL_1345814, EPI_ISL_1345815, EPI_ISL_1345816, EPI_ISL_1345817, EPI_ISL_1345818, EPI_ISL_1345819, EPI_ISL_1345820, EPI_ISL_1345821, EPI_ISL_1345822, EPI_ISL_1345823, EPI_ISL_1345824, EPI_ISL_1345825, EPI_ISL_1345826, EPI_ISL_1345827, EPI_ISL_1345828, EPI_ISL_1345829, EPI_ISL_1345830, EPI_ISL_1345831, EPI_ISL_1345832, EPI_ISL_1345833, EPI_ISL_1345834, EPI_ISL_1345835, EPI_ISL_1345836, EPI_ISL_1345837, EPI_ISL_1345838, EPI_ISL_1345839, EPI_ISL_1345840, EPI_ISL_1345841, EPI_ISL_1345842, EPI_ISL_1345843, EPI_ISL_1345844, EPI_ISL_1345845, EPI_ISL_1345846, EPI_ISL_1345847, EPI_ISL_1345848, EPI_ISL_1345849, EPI_ISL_1345850, EPI_ISL_1345851, EPI_ISL_1345852, EPI_ISL_1345853, EPI_ISL_1345854, EPI_ISL_1345855			
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_1345856	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_1345858, EPI_ISL_1345859, EPI_ISL_1345860, EPI_ISL_1345861, EPI_ISL_1345862, EPI_ISL_1345863, EPI_ISL_1345864, EPI_ISL_1345865, EPI_ISL_1345866, EPI_ISL_1345867, EPI_ISL_1345868			
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_1345869	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_1345870, EPI_ISL_1345872, EPI_ISL_1345873, EPI_ISL_1345874, EPI_ISL_1345875, EPI_ISL_1345876, EPI_ISL_1345877, EPI_ISL_1345878, EPI_ISL_1345879, EPI_ISL_1345880, EPI_ISL_1345881, EPI_ISL_1345882, EPI_ISL_1345883, EPI_ISL_1345884, EPI_ISL_1345885			
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_1345884	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_1345885, EPI_ISL_1345886, EPI_ISL_1345887, EPI_ISL_1345888, EPI_ISL_1345889, EPI_ISL_1345890, EPI_ISL_1345891, EPI_ISL_1345892, EPI_ISL_1345893, EPI_ISL_1345894, EPI_ISL_1345895, EPI_ISL_1345896, EPI_ISL_1345897, EPI_ISL_1345898, EPI_ISL_1345899, EPI_ISL_1345900, EPI_ISL_1345901, EPI_ISL_1345902, EPI_ISL_1345903, EPI_ISL_1345904, EPI_ISL_1345905, EPI_ISL_1345907, EPI_ISL_1345908, EPI_ISL_1345909, EPI_ISL_1345910, EPI_ISL_1345911, EPI_ISL_1345912, EPI_ISL_1345913, EPI_ISL_1345914, EPI_ISL_1345915, EPI_ISL_1345916, EPI_ISL_1345917, EPI_ISL_1345918, EPI_ISL_1345919, EPI_ISL_1345920, EPI_ISL_1345921, EPI_ISL_1345922, EPI_ISL_1345923, EPI_ISL_1345924, EPI_ISL_1345925, EPI_ISL_1345926, EPI_ISL_1345927, EPI_ISL_1345928, EPI_ISL_1345929, EPI_ISL_1345930, EPI_ISL_1345931, EPI_ISL_1345932, EPI_ISL_1345933, EPI_ISL_1345934, EPI_ISL_1345935, EPI_ISL_1345936, EPI_ISL_1345937, EPI_ISL_1345938, EPI_ISL_1345939, EPI_ISL_1345940, EPI_ISL_1345941, EPI_ISL_1345942, EPI_ISL_1345943, EPI_ISL_1345944, EPI_ISL_1345945, EPI_ISL_1345946, EPI_ISL_1345947, EPI_ISL_1345948, EPI_ISL_1345949, EPI_ISL_1345950, EPI_ISL_1345951, EPI_ISL_1345952, EPI_ISL_1345953, EPI_ISL_1345954, EPI_ISL_1345955, EPI_ISL_1345956, EPI_ISL_1345957, EPI_ISL_1345958, EPI_ISL_1345959, EPI_ISL_1345960, EPI_ISL_1345961, EPI_ISL_1345962, EPI_ISL_1345963, EPI_ISL_1345964, EPI_ISL_1345965, EPI_ISL_1345966, EPI_ISL_1345967, EPI_ISL_1345968, EPI_ISL_1345969, EPI_ISL_1345970, EPI_ISL_1345971, EPI_ISL_1345972, EPI_ISL_1345973, EPI_ISL_1345974, EPI_ISL_1345975, EPI_ISL_1345976, EPI_ISL_1345977, EPI_ISL_1345978, EPI_ISL_1345979, EPI_ISL_1345980, EPI_ISL_1345981, EPI_ISL_1345982, EPI_ISL_1345983, EPI_ISL_1345984, EPI_ISL_1345985, EPI_ISL_1345986, EPI_ISL_1345987, EPI_ISL_1345988, EPI_ISL_1345989, EPI_ISL_1345990, EPI_ISL_1345991, EPI_ISL_1345992, EPI_ISL_1345993, EPI_ISL_1345994, EPI_ISL_1345995, EPI_ISL_1345996, EPI_ISL_1346000, EPI_ISL_1346001, EPI_ISL_1346002, EPI_ISL_1346003, EPI_ISL_1346004, EPI_ISL_1346005, EPI_ISL_1346006, EPI_ISL_1346007, EPI_ISL_1346008, EPI_ISL_1346009, EPI_ISL_1346010, EPI_ISL_1346011, EPI_ISL_1346012, EPI_ISL_1346013, EPI_ISL_1346014, EPI_ISL_1346015, EPI_ISL_1346016, EPI_ISL_1346017, EPI_ISL_1346018, EPI_ISL_1346020, EPI_ISL_1346021, EPI_ISL_1346022, EPI_ISL_1346023, EPI_ISL_1346024, EPI_ISL_1346025, EPI_ISL_1346026, EPI_ISL_1346027, EPI_ISL_1346028, EPI_ISL_1346029, EPI_ISL_1346030, EPI_ISL_1346031, EPI_ISL_1346032, EPI_ISL_1346033, EPI_ISL_1346034, EPI_ISL_1346035, EPI_ISL_1346036, EPI_ISL_1346037, EPI_ISL_1346038, EPI_ISL_1346039, EPI_ISL_1346040, EPI_ISL_1346041, EPI_ISL_1346042, EPI_ISL_1346043, EPI_ISL_1346044, EPI_ISL_1346045, EPI_ISL_1346046, EPI_ISL_1346048, EPI_ISL_1346049, EPI_ISL_1346050, EPI_ISL_1346051, EPI_ISL_1346053, EPI_ISL_1346054, EPI_ISL_1346055, EPI_ISL_1346056, EPI_ISL_1346057, EPI_ISL_1346059, EPI_ISL_1346060, EPI_ISL_1346061, EPI_ISL_1346062, EPI_ISL_1346063, EPI_ISL_1346064, EPI_ISL_1346065, EPI_ISL_1346066			
see above	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves,

[illegible]

EPI_ISL_1352151	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1352155, EPI_ISL_1352162, EPI_ISL_1352164, EPI_ISL_1352174, EPI_ISL_1352178, EPI_ISL_1352182, EPI_ISL_1352187, EPI_ISL_1352198, EPI_ISL_1352199, EPI_ISL_1352202, EPI_ISL_1352208			
see above	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1352212	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1352216	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1352218	Praxisgemeinschaft für Laboratoriumsmedizin Labor Blumenstraße; Praxis Dr. Sel und Dr. Späte	Robert Koch Institute	unknown
EPI_ISL_1352228, EPI_ISL_1352231, EPI_ISL_1352695, EPI_ISL_1352706, EPI_ISL_1352712, EPI_ISL_1352716, EPI_ISL_1352719, EPI_ISL_1352721	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1352736	Praxisgemeinschaft für Laboratoriumsmedizin Labor Blumenstraße; Praxis Dr. Sel und Dr. Späte	Robert Koch Institute	unknown
EPI_ISL_1352749, EPI_ISL_1352755, EPI_ISL_1352757, EPI_ISL_1352758, EPI_ISL_1352761, EPI_ISL_1352764, EPI_ISL_1352768	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1352776, EPI_ISL_1352779, EPI_ISL_1352781	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1352782, EPI_ISL_1352787	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1352789	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1352792	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1352794	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1352795, EPI_ISL_1352804	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1352805	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1352810, EPI_ISL_1352812	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1352814, EPI_ISL_1352818	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1352822, EPI_ISL_1352823	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1352824	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1352827	Praxisgemeinschaft für Laboratoriumsmedizin Labor Blumenstraße; Praxis Dr. Sel und Dr. Späte	Robert Koch Institute	unknown
EPI_ISL_1352829	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1352831	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1352832	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1352836, EPI_ISL_1352838, EPI_ISL_1352839	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1352841	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1352844, EPI_ISL_1352845, EPI_ISL_1352846, EPI_ISL_1352848, EPI_ISL_1352850, EPI_ISL_1352851, EPI_ISL_1352852, EPI_ISL_1352853, EPI_ISL_1352854	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1352857	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1352858, EPI_ISL_1352860, EPI_ISL_1352861, EPI_ISL_1352862	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1352866, EPI_ISL_1352868	Synlab MVZ Augsburg	Robert Koch Institute	unknown
EPI_ISL_1352886, EPI_ISL_1352887, EPI_ISL_1352932, EPI_ISL_1352962	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1353281, EPI_ISL_1353282, EPI_ISL_1353283, EPI_ISL_1353291, EPI_ISL_1353296, EPI_ISL_1353299, EPI_ISL_1353304, EPI_ISL_1353305, EPI_ISL_1353306, EPI_ISL_1353312, EPI_ISL_1353326			
see above	MVZ Dr. Eberhard & Partner Dortmund	Robert Koch Institute	unknown
EPI_ISL_1353328	Institut für Klinische Chemie Transfusions- und LaboratoriumsmedizinBerufsgenossenschaftliches Universitätsklinikum Bergmannsheil	Robert Koch Institute	unknown
EPI_ISL_1353332	MVZ Dr. Eberhard & Partner Dortmund	Robert Koch Institute	unknown
EPI_ISL_1353333	Kath. St.-Johannes-Gesellschaft Dortmund gGmbH	Robert Koch Institute	unknown
EPI_ISL_1353336, EPI_ISL_1353342, EPI_ISL_1353347, EPI_ISL_1353349	MVZ Dr. Eberhard & Partner Dortmund	Robert Koch Institute	unknown
EPI_ISL_1353361, EPI_ISL_1353368	Universitätsklinikum Bonn - Institut für Medizinische Mikrobiologie Immunologie und Parasitologie + Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1353370, EPI_ISL_1353389, EPI_ISL_1353392, EPI_ISL_1353393, EPI_ISL_1353399, EPI_ISL_1353403	IMD Labor Frankfurt	Robert Koch Institute	unknown
EPI_ISL_1353435, EPI_ISL_1353436, EPI_ISL_1353455, EPI_ISL_1353462, EPI_ISL_1353465, EPI_ISL_1353467, EPI_ISL_1353469, EPI_ISL_1353470	Universitätsklinikum Münster Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1353597, EPI_ISL_1353600,	Med. Labor Prof. Schenk Dr. Ansorge & Kollegen	Robert Koch Institute	unknown

EPI_ISL_1353613, EPI_ISL_1353617			
EPI_ISL_1354359	IMD - MVZ Labor Martinsried	Robert Koch Institute	unknown
EPI_ISL_1354368	LABOR CHEMNITZ - Zentrum für Diagnostik am Klinikum Chemnitz	Robert Koch Institute	unknown
EPI_ISL_1354369, EPI_ISL_1354370, EPI_ISL_1354372, EPI_ISL_1354373, EPI_ISL_1354375, EPI_ISL_1354376, EPI_ISL_1354377, EPI_ISL_1354380, EPI_ISL_1354381, EPI_ISL_1354382, EPI_ISL_1354385			
see above	Medizinisches Labor Ostsachsen MVZ GbRNebenbetriebsstätte Dresden	Robert Koch Institute	unknown
EPI_ISL_1354387	LABOR CHEMNITZ - Zentrum für Diagnostik am Klinikum Chemnitz	Robert Koch Institute	unknown
EPI_ISL_1354390	Landesuntersuchungsanstalt für das Gesundheits- und Veterinärwesen (LUA) Sachsen	Robert Koch Institute	unknown
EPI_ISL_1354392	Uniklinikum Carl Gustav Carus an der TU Dresden; Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1354393	LABOR CHEMNITZ - Zentrum für Diagnostik am Klinikum Chemnitz	Robert Koch Institute	unknown
EPI_ISL_1354395	Oberlausitz Kliniken gGmbH	Robert Koch Institute	unknown
EPI_ISL_1354396, EPI_ISL_1354398	Medizinisches Labor Ostsachsen MVZ GbRNebenbetriebsstätte Dresden	Robert Koch Institute	unknown
EPI_ISL_1354404, EPI_ISL_1354408	Uniklinikum Carl Gustav Carus an der TU Dresden; Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1354415	Medizinisches Labor Ostsachsen MVZ GbRNebenbetriebsstätte Dresden	Robert Koch Institute	unknown
EPI_ISL_1354416	LABOR CHEMNITZ - Zentrum für Diagnostik am Klinikum Chemnitz	Robert Koch Institute	unknown
EPI_ISL_1354417	Medizinisches Labor Ostsachsen MVZ GbRNebenbetriebsstätte Dresden	Robert Koch Institute	unknown
EPI_ISL_1354421	Landesuntersuchungsanstalt für das Gesundheits- und Veterinärwesen (LUA) Sachsen	Robert Koch Institute	unknown
EPI_ISL_1354422	Medizinisches Labor Ostsachsen MVZ GbRNebenbetriebsstätte Dresden	Robert Koch Institute	unknown
EPI_ISL_1354425	Uniklinikum Carl Gustav Carus an der TU Dresden; Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1354431	ELBLAB GmbH Zentrum für LaborMedizin	Robert Koch Institute	unknown
EPI_ISL_1354432	Städtisches Klinikum Dresden	Robert Koch Institute	unknown
EPI_ISL_1354433, EPI_ISL_1354434	Medizinisches Labor Ostsachsen MVZ GbRNebenbetriebsstätte Dresden	Robert Koch Institute	unknown
EPI_ISL_1354435	Landesuntersuchungsanstalt für das Gesundheits- und Veterinärwesen (LUA) Sachsen	Robert Koch Institute	unknown
EPI_ISL_1354436, EPI_ISL_1354437	ELBLAB GmbH Zentrum für LaborMedizin	Robert Koch Institute	unknown
EPI_ISL_1354439	Medizinisches Labor Ostsachsen MVZ GbRNebenbetriebsstätte Dresden	Robert Koch Institute	unknown
EPI_ISL_1354441	Uniklinikum Carl Gustav Carus an der TU Dresden; Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1354442	Städtisches Klinikum Dresden	Robert Koch Institute	unknown
EPI_ISL_1354444	Uniklinikum Carl Gustav Carus an der TU Dresden; Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1354447, EPI_ISL_1354448, EPI_ISL_1354449	Medizinisches Labor Ostsachsen MVZ GbRNebenbetriebsstätte Dresden	Robert Koch Institute	unknown
EPI_ISL_1354450	Städtisches Klinikum Dresden	Robert Koch Institute	unknown
EPI_ISL_1354451	Medizinisches Labor Ostsachsen MVZ GbRNebenbetriebsstätte Dresden	Robert Koch Institute	unknown
EPI_ISL_1354452	Landesuntersuchungsanstalt für das Gesundheits- und Veterinärwesen (LUA) Sachsen	Robert Koch Institute	unknown
EPI_ISL_1354453	Uniklinikum Carl Gustav Carus an der TU Dresden; Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1354454	Städtisches Klinikum Dresden	Robert Koch Institute	unknown
EPI_ISL_1354456	Medizinisches Labor Ostsachsen MVZ GbRNebenbetriebsstätte Dresden	Robert Koch Institute	unknown
EPI_ISL_1354458	Städtisches Klinikum Dresden	Robert Koch Institute	unknown
EPI_ISL_1354459	Medizinisches Labor Ostsachsen MVZ GbRNebenbetriebsstätte Dresden	Robert Koch Institute	unknown
EPI_ISL_1354460, EPI_ISL_1354461	Uniklinikum Carl Gustav Carus an der TU Dresden; Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1354462	Städtisches Klinikum Dresden	Robert Koch Institute	unknown
EPI_ISL_1354464	Uniklinikum Carl Gustav Carus an der TU Dresden; Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1354465	Städtisches Klinikum Dresden	Robert Koch Institute	unknown
EPI_ISL_1354469	LABOR CHEMNITZ - Zentrum für Diagnostik am Klinikum	Robert Koch Institute	unknown

EPI_ISL_1354493, EPI_ISL_1354494, EPI_ISL_1354497, EPI_ISL_1354500	Alexianer DaKS GmbH (eigenes IT-Tochterunternehmen der Alexianer Krankenhäuser)	Robert Koch Institute	unknown
EPI_ISL_1354633, EPI_ISL_1354640, EPI_ISL_1354643, EPI_ISL_1354645, EPI_ISL_1354648, EPI_ISL_1354649, EPI_ISL_1354652, EPI_ISL_1354653, EPI_ISL_1354657, EPI_ISL_1354658, EPI_ISL_1354660, EPI_ISL_1354661, EPI_ISL_1354664, EPI_ISL_1354668, EPI_ISL_1354669, EPI_ISL_1354670, EPI_ISL_1354672, EPI_ISL_1354677, EPI_ISL_1354684, EPI_ISL_1354685			
see above	MVZ Labor Krone GbR	Robert Koch Institute	unknown
EPI_ISL_1355236	Uniklinikum Jena	Robert Koch Institute	unknown
EPI_ISL_1355898	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1355899	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1355900	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1355902, EPI_ISL_1355903, EPI_ISL_1355904, EPI_ISL_1355906, EPI_ISL_1355908, EPI_ISL_1355909, EPI_ISL_1355910, EPI_ISL_1355911, EPI_ISL_1355912, EPI_ISL_1355921, EPI_ISL_1355922, EPI_ISL_1355923			
see above	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1355924	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1355926, EPI_ISL_1355927	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1355929, EPI_ISL_1355930, EPI_ISL_1355931	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1355934, EPI_ISL_1355938	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1355940	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1355943	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1355944	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1355948, EPI_ISL_1355950	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1355956	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1355957, EPI_ISL_1355959	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1355961, EPI_ISL_1355964	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1355966, EPI_ISL_1355967	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1355970	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1355972	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1355974, EPI_ISL_1355975	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1355980	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1355981	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1355983, EPI_ISL_1355986	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1355987	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1355989	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1355990	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1355991	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1355992	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1355994, EPI_ISL_1355995	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1355997	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1356004, EPI_ISL_1356007	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1356009	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1356014, EPI_ISL_1356019, EPI_ISL_1356020	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1356021	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1356022	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1356024, EPI_ISL_1356026, EPI_ISL_1356027	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1356028	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1356029, EPI_ISL_1356033	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1356034, EPI_ISL_1356036	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1356037	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1356038	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1356041	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1356042	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1356047	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1356048, EPI_ISL_1356050	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1356051	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1356052, EPI_ISL_1356054, EPI_ISL_1356055	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1356057	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1356059	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1356061	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown

EPI_ISL_1356063	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1356064, EPI_ISL_1356065, EPI_ISL_1356068	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1356072, EPI_ISL_1356073, EPI_ISL_1356075	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1356079	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1356081, EPI_ISL_1356085	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1356087, EPI_ISL_1356097, EPI_ISL_1356106	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1356110	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1356111	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1356115	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1356116	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1356119, EPI_ISL_1356123, EPI_ISL_1356125, EPI_ISL_1356126	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1356127, EPI_ISL_1356131, EPI_ISL_1356138	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1356140, EPI_ISL_1356142, EPI_ISL_1356147	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1356153, EPI_ISL_1356156, EPI_ISL_1356160, EPI_ISL_1356164, EPI_ISL_1356165, EPI_ISL_1356166, EPI_ISL_1356167, EPI_ISL_1356171	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1356172	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1356173, EPI_ISL_1356174	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1356176	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1356178	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1356182, EPI_ISL_1356183, EPI_ISL_1356184, EPI_ISL_1356188, EPI_ISL_1356189, EPI_ISL_1356191, EPI_ISL_1356196	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1356200, EPI_ISL_1356201	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1356204	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1356205	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1356209, EPI_ISL_1356210	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1356213	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1356214, EPI_ISL_1356215, EPI_ISL_1356218, EPI_ISL_1356220, EPI_ISL_1356227, EPI_ISL_1356230, EPI_ISL_1356231	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1356232	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1356233, EPI_ISL_1356234	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1356240	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1357239, EPI_ISL_1357243, EPI_ISL_1357247, EPI_ISL_1357249, EPI_ISL_1357255, EPI_ISL_1357257, EPI_ISL_1357260, EPI_ISL_1357262, EPI_ISL_1357263, EPI_ISL_1357264	Klinikum Ernst von Bergmann gemeinnützige GmbH - stationärer Bereich	Robert Koch Institute	unknown
EPI_ISL_1357270	Uniklinikum Regensburg; Institut für Mikrobiologie	Robert Koch Institute	unknown
EPI_ISL_1357337, EPI_ISL_1357339, EPI_ISL_1357341	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1357342, EPI_ISL_1357381, EPI_ISL_1357393	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1357405	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1357406	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1357410, EPI_ISL_1357411, EPI_ISL_1357415	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1357424, EPI_ISL_1357426, EPI_ISL_1357427	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1357428, EPI_ISL_1357429, EPI_ISL_1357431	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1357432	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1357433, EPI_ISL_1357437, EPI_ISL_1357443	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1357444	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1357447, EPI_ISL_1357449, EPI_ISL_1357451	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown

EPI_ISL_1357452	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1357453	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1357459, EPI_ISL_1357463, EPI_ISL_1357466	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1357476, EPI_ISL_1357480, EPI_ISL_1357483	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1357487, EPI_ISL_1357492, EPI_ISL_1357494	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1357497	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1357498, EPI_ISL_1357499, EPI_ISL_1357501, EPI_ISL_1357502	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1357505	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1357506, EPI_ISL_1357508	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1357509, EPI_ISL_1357510	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1357514	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1357515, EPI_ISL_1357520, EPI_ISL_1357524, EPI_ISL_1357526	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1357530	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1357531	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1357532, EPI_ISL_1357533	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1357542	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1357543, EPI_ISL_1357545, EPI_ISL_1357548, EPI_ISL_1357552	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1357555, EPI_ISL_1357558	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1357561	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1357563, EPI_ISL_1357564	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1357567	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1357568	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1357570, EPI_ISL_1357575, EPI_ISL_1357577, EPI_ISL_1357581	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1357588	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1357592	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1360059	SYNLAB	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Nathalie Renotte, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_1360451	Child Health Research Foundation	Child Health Research Foundation	CHRF Bangladesh Genomics Team
EPI_ISL_1361836, EPI_ISL_1361837, EPI_ISL_1361838, EPI_ISL_1361839, EPI_ISL_1361840, EPI_ISL_1361841, EPI_ISL_1361842, EPI_ISL_1361844, EPI_ISL_1361845, EPI_ISL_1361846, EPI_ISL_1361847, EPI_ISL_1361848, EPI_ISL_1361850, EPI_ISL_1361851, EPI_ISL_1361852, EPI_ISL_1361853, EPI_ISL_1361854, EPI_ISL_1361855, EPI_ISL_1361856, EPI_ISL_1361858, EPI_ISL_1361859, EPI_ISL_1361860, EPI_ISL_1361861, EPI_ISL_1361862, EPI_ISL_1361864, EPI_ISL_1361867, EPI_ISL_1361868			
see above	Landesamt für Verbraucherschutz Sachsen Anhalt, Magdeburg	Institute of Medical Microbiology and Hospital Hygiene	Prof. Dr. Achim Kaasch, Aljoscha Tersteegen
EPI_ISL_1361869, EPI_ISL_1361870, EPI_ISL_1361871, EPI_ISL_1361873, EPI_ISL_1361874	Institute of Medical Microbiology and Hospital Hygiene	Institute of Medical Microbiology and Hospital Hygiene	Prof. Dr. Achim Kaasch, Aljoscha Tersteegen
EPI_ISL_1362989, EPI_ISL_1362990, EPI_ISL_1362991, EPI_ISL_1362992	CHWAPI - SITE NOTRE DAME	Institut de Pathologie et Genetique (IPG)	Pascale Hilbert, Jérémie Gras
EPI_ISL_1362993	Institut de Pathologie et Genetique (IPG)	Institut de Pathologie et Genetique (IPG)	Pascale Hilbert, Jérémie Gras
EPI_ISL_1364866	Kansas Health and Environmental Lab	Kansas Health and Environmental Lab	Mike Grose, Jonathan Barnell, Ben Olsen, and Phil Adam
EPI_ISL_1365018	Bundeswehrzentrankrankenhaus Koblenz	Bundeswehr Institute of Microbiology	Markus Antwerpen, Alexandra Rehn, Mathias Walter, Malena Bestehorn-Willmann, Mike Pillukat, Sabine Zange, Enrico Georgi, Roman Wölfel
EPI_ISL_1365021	Bundeswehrkrankenhaus Hamburg	Bundeswehr Institute of Microbiology	Markus Antwerpen, Alexandra Rehn, Mathias Walter, Malena Bestehorn-Willmann, Mike Pillukat, Sabine Zange, Enrico Georgi, Roman Wölfel
EPI_ISL_1365149, EPI_ISL_1365150, EPI_ISL_1365151, EPI_ISL_1365152, EPI_ISL_1365153, EPI_ISL_1365154, EPI_ISL_1365155, EPI_ISL_1365156, EPI_ISL_1365157, EPI_ISL_1365158, EPI_ISL_1365159, EPI_ISL_1365160, EPI_ISL_1365161, EPI_ISL_1365162, EPI_ISL_1365163, EPI_ISL_1365164, EPI_ISL_1365165, EPI_ISL_1365166, EPI_ISL_1365167, EPI_ISL_1365168, EPI_ISL_1365169, EPI_ISL_1365170, EPI_ISL_1365171, EPI_ISL_1365172, EPI_ISL_1365173, EPI_ISL_1365174, EPI_ISL_1365175, EPI_ISL_1365176, EPI_ISL_1365177			
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_1365180, EPI_ISL_1365184, EPI_ISL_1365186, EPI_ISL_1365190, EPI_ISL_1365198, EPI_ISL_1365199, EPI_ISL_1365203, EPI_ISL_1365206, EPI_ISL_1365209, EPI_ISL_1365214, EPI_ISL_1365217			
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_1365218	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_1365224, EPI_ISL_1365225, EPI_ISL_1365230, EPI_ISL_1365234, EPI_ISL_1365237, EPI_ISL_1365238, EPI_ISL_1365239, EPI_ISL_1365240, EPI_ISL_1365245, EPI_ISL_1365247, EPI_ISL_1365248, EPI_ISL_1365250, EPI_ISL_1365257, EPI_ISL_1365258, EPI_ISL_1365259, EPI_ISL_1365261, EPI_ISL_1365268, EPI_ISL_1365270, EPI_ISL_1365274, EPI_ISL_1365277, EPI_ISL_1365280, EPI_ISL_1365282, EPI_ISL_1365283, EPI_ISL_1365284, EPI_ISL_1365293, EPI_ISL_1365300, EPI_ISL_1365302, EPI_ISL_1365304, EPI_ISL_1365309, EPI_ISL_1365311, EPI_ISL_1365312			
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_1366518, EPI_ISL_1366519	National Platform bis UMONS/Jolimont	National Platform bis UMONS/Jolimont	François Dufrasne, Guillaume Bayon-Vicente, Gautier Detry, Ruddy Wattiez
EPI_ISL_1366576	National Platform bis UMONS/Jolimont	National Platform bis UMONS/Jolimont	François Dufrasne, Gautier Detry, Ruddy Wattiez
EPI_ISL_1366577, EPI_ISL_1366592,	Institute of Microbiology and Immunology, Faculty of Medicine,	Institute of Microbiology and Immunology, Faculty of Medicine,	Alen Sulji, Samo Zakotnik, Tomaž Mark Zorec, Matic Brvar, Doroteja Vljaj, Andraž Celar, Dominika Šturm, Patricija Pozvek, Špela Pleh, Miša Korva, Mario

EPI_ISL_1366599	University of Ljubljana	University of Ljubljana	Poljak, Tatjana Avši - Županc
EPI_ISL_1366610	National Platform bis UMONS/Jolimont	National Platform bis UMONS/Jolimont	François DufRASne, Gautier Detry, Ruddy Wattiez
EPI_ISL_1366611	National Platform bis UMONS/Jolimont	National Platform bis UMONS/Jolimont	François DufRASne, Guillaume Bayon-Vicente, Gautier Detry, Ruddy Wattiez
EPI_ISL_1367029, EPI_ISL_1367030, EPI_ISL_1367031	Virology, Universitätsklinikum des Saarlandes	Epigenetics, Saarland University	Kathrin Kattler, Markus Vogelgesang, Stefan Lohse, Sascha Tierling, Thorsten Pfuhl, Sigrun Smola, Jörn Walter
EPI_ISL_1367495	Jessa	Jessa	Cruys et al. on behalf of the Jessa_cmdLab
EPI_ISL_1369408, EPI_ISL_1369409, EPI_ISL_1369418, EPI_ISL_1369419, EPI_ISL_1369422, EPI_ISL_1369423, EPI_ISL_1369462	CHUV	Laboratory of genomics and metagenomics, Institute of Microbiology, University Hospital Centre and University of Lausanne, Switzerland	Trestan Pillonel, Damien Jacot, Sébastien Aeby, Gilbert Greub, Claire Bertelli
EPI_ISL_1369554, EPI_ISL_1369556, EPI_ISL_1369557, EPI_ISL_1369558, EPI_ISL_1369559, EPI_ISL_1369560, EPI_ISL_1369561, EPI_ISL_1369562, EPI_ISL_1369563, EPI_ISL_1369564, EPI_ISL_1369565, EPI_ISL_1369566, EPI_ISL_1369567, EPI_ISL_1369568, EPI_ISL_1369570, EPI_ISL_1369572, EPI_ISL_1369573, EPI_ISL_1369574, EPI_ISL_1369575, EPI_ISL_1369576, EPI_ISL_1369577, EPI_ISL_1369578, EPI_ISL_1369579, EPI_ISL_1369580, EPI_ISL_1369581, EPI_ISL_1369582, EPI_ISL_1369583, EPI_ISL_1369584, EPI_ISL_1369585, EPI_ISL_1369586, EPI_ISL_1369587, EPI_ISL_1369588, EPI_ISL_1369589, EPI_ISL_1369591, EPI_ISL_1369592, EPI_ISL_1369593, EPI_ISL_1369594, EPI_ISL_1369595, EPI_ISL_1369596, EPI_ISL_1369597, EPI_ISL_1369598, EPI_ISL_1369599, EPI_ISL_1369600, EPI_ISL_1369601, EPI_ISL_1369602, EPI_ISL_1369603, EPI_ISL_1369605, EPI_ISL_1369606, EPI_ISL_1369607, EPI_ISL_1369608, EPI_ISL_1369609, EPI_ISL_1369610, EPI_ISL_1369611, EPI_ISL_1369612, EPI_ISL_1369613, EPI_ISL_1369614, EPI_ISL_1369615, EPI_ISL_1369616, EPI_ISL_1369617, EPI_ISL_1369618, EPI_ISL_1369619, EPI_ISL_1369620, EPI_ISL_1369649, EPI_ISL_1369651, EPI_ISL_1369652, EPI_ISL_1369653			
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_1370377, EPI_ISL_1370391, EPI_ISL_1370454, EPI_ISL_1370540, EPI_ISL_1370542, EPI_ISL_1370545, EPI_ISL_1370548, EPI_ISL_1371499, EPI_ISL_1371524, EPI_ISL_1371577, EPI_ISL_1371676, EPI_ISL_1371683, EPI_ISL_1371691, EPI_ISL_1371694			
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_1372100, EPI_ISL_1372106, EPI_ISL_1372109	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1372114	Minnesota Department of Health, Public Health Laboratory	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1372119, EPI_ISL_1372120, EPI_ISL_1372121	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1372433, EPI_ISL_1372436, EPI_ISL_1372437, EPI_ISL_1372439, EPI_ISL_1372444, EPI_ISL_1372445, EPI_ISL_1372452, EPI_ISL_1372453, EPI_ISL_1372454, EPI_ISL_1372455, EPI_ISL_1372456, EPI_ISL_1372457, EPI_ISL_1372463			
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_1372912, EPI_ISL_1372922, EPI_ISL_1372925, EPI_ISL_1372938, EPI_ISL_1372950, EPI_ISL_1372951, EPI_ISL_1372952, EPI_ISL_1372953, EPI_ISL_1372954	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 Myrtenäs, David Sundell, Caroline Öhrman, Mats Forsman, Annika Allard, Annika Osterman
EPI_ISL_1373330, EPI_ISL_1373335, EPI_ISL_1373342, EPI_ISL_1373352	MD PHL	MD PHL	Maryland Department of Health Laboratories Administration
EPI_ISL_1373364	Somedi laboratories	Imelda Hospital	Johan Frans, Dagmar Obbels, Hanne Valgaeren
EPI_ISL_1373476	Clinical Molecular Microbiology Laboratory, UNC Hospitals	Jeremy Wang	Jeremy Wang, Alexander Rubinstein, Colleen Rice, Jason Smedberg, Shawn Hawken, Melissa Miller, Corbin Jones, Robert Hagan
EPI_ISL_1373681, EPI_ISL_1373685	UPMC Clinical Microbiology Laboratory	Microbial Genome Sequencing Center, Microbial Genomic Epidemiology Laboratory, University of Pittsburgh	Lee H. Harrison, Jane W. Marsh, Marissa P. Griffith, Stephanie L. Mitchell, Vatsala R. Srinivasa, Kady D. Waggle, Daniel J. Snyder, Vaughn S. Cooper
EPI_ISL_1374337, EPI_ISL_1374343, EPI_ISL_1374361, EPI_ISL_1374365, EPI_ISL_1374389, EPI_ISL_1374458, EPI_ISL_1374462, EPI_ISL_1374501, EPI_ISL_1374859, EPI_ISL_1374863, EPI_ISL_1374865, EPI_ISL_1374866, EPI_ISL_1374871, EPI_ISL_1374872, EPI_ISL_1374876, EPI_ISL_1374877, EPI_ISL_1374878, EPI_ISL_1374886, EPI_ISL_1374891, EPI_ISL_1374893, EPI_ISL_1374898, EPI_ISL_1374900, EPI_ISL_1374909, EPI_ISL_1374911, EPI_ISL_1374913, EPI_ISL_1374915, EPI_ISL_1374919, EPI_ISL_1374921, EPI_ISL_1374923, EPI_ISL_1374924, EPI_ISL_1374925, EPI_ISL_1374929, EPI_ISL_1374930, EPI_ISL_1374931, EPI_ISL_1374933, EPI_ISL_1374936, EPI_ISL_1374937, EPI_ISL_1374938, EPI_ISL_1374939, EPI_ISL_1374942, EPI_ISL_1374944, EPI_ISL_1374948, EPI_ISL_1374950, EPI_ISL_1374957, EPI_ISL_1374961, EPI_ISL_1374962, EPI_ISL_1374963, EPI_ISL_1374965, EPI_ISL_1374967, EPI_ISL_1374969, EPI_ISL_1374971, EPI_ISL_1374976, EPI_ISL_1374977, EPI_ISL_1374979, EPI_ISL_1374980, EPI_ISL_1374984, EPI_ISL_1374991, EPI_ISL_1374992, EPI_ISL_1374993, EPI_ISL_1374994, EPI_ISL_1374997, EPI_ISL_1374999, EPI_ISL_1375001, EPI_ISL_1375002, EPI_ISL_1375004, EPI_ISL_1375006, EPI_ISL_1375007, EPI_ISL_1375008, EPI_ISL_1375018, EPI_ISL_1375024, EPI_ISL_1375026, EPI_ISL_1375027, EPI_ISL_1375029, EPI_ISL_1375032, EPI_ISL_1375034, EPI_ISL_1375035, EPI_ISL_1375039, EPI_ISL_1375040, EPI_ISL_1375046, EPI_ISL_1375049, EPI_ISL_1375054, EPI_ISL_1375062, EPI_ISL_1375063, EPI_ISL_1375064, EPI_ISL_1375073, EPI_ISL_1375075, EPI_ISL_1375079, EPI_ISL_1375083, EPI_ISL_1375084, EPI_ISL_1375086, EPI_ISL_1375088, EPI_ISL_1375091, EPI_ISL_1375092, EPI_ISL_1375093, EPI_ISL_1375097, EPI_ISL_1375098, EPI_ISL_1375099, EPI_ISL_1375102, EPI_ISL_1375109, EPI_ISL_1375110, EPI_ISL_1375115, EPI_ISL_1375121, EPI_ISL_1375124, EPI_ISL_1375129, EPI_ISL_1375132, EPI_ISL_1375133, EPI_ISL_1375136, EPI_ISL_1375140, EPI_ISL_1375143, EPI_ISL_1375144, EPI_ISL_1375148, EPI_ISL_1375149, EPI_ISL_1375151, EPI_ISL_1375154, EPI_ISL_1375155, EPI_ISL_1375157, EPI_ISL_1375160, EPI_ISL_1375168, EPI_ISL_1375171			
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_1375174	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_1375180, EPI_ISL_1375183	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_1375199	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_1375200, EPI_ISL_1375202, EPI_ISL_1375207, EPI_ISL_1375210, EPI_ISL_1375213, EPI_ISL_1375217, EPI_ISL_1375220, EPI_ISL_1375225, EPI_ISL_1375230, EPI_ISL_1375231, EPI_ISL_1375239			
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_1375252	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_1375260, EPI_ISL_1375261, EPI_ISL_1375268	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_1375271	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_1375272, EPI_ISL_1375275, EPI_ISL_1375282, EPI_ISL_1375284, EPI_ISL_1375288, EPI_ISL_1375291	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_1375292	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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		(COG-UK) Consortium	Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1377981	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_1377982, EPI_ISL_1377983	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_1377984	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_1377987, EPI_ISL_1377992, EPI_ISL_1377993, EPI_ISL_1377994, EPI_ISL_1377995, EPI_ISL_1377996, EPI_ISL_1377998	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_1378297, EPI_ISL_1378300, EPI_ISL_1378305, EPI_ISL_1378307, EPI_ISL_1378308, EPI_ISL_1378319, EPI_ISL_1378320, EPI_ISL_1378328, EPI_ISL_1378330, EPI_ISL_1378333, EPI_ISL_1378334, EPI_ISL_1378340, EPI_ISL_1378341, EPI_ISL_1378343, EPI_ISL_1378349, EPI_ISL_1378354, EPI_ISL_1378355, EPI_ISL_1378356, EPI_ISL_1378357, EPI_ISL_1378360, EPI_ISL_1378361, EPI_ISL_1378362, EPI_ISL_1378367, EPI_ISL_1378368, EPI_ISL_1378369, EPI_ISL_1378370, EPI_ISL_1378371, EPI_ISL_1378372, EPI_ISL_1378373, EPI_ISL_1378375, EPI_ISL_1378376, EPI_ISL_1378377, EPI_ISL_1378381, EPI_ISL_1378382, EPI_ISL_1378386, EPI_ISL_1378387, EPI_ISL_1378388, EPI_ISL_1378390, EPI_ISL_1378391, EPI_ISL_1378392, EPI_ISL_1378393, EPI_ISL_1378395, EPI_ISL_1378396, EPI_ISL_1378397, EPI_ISL_1378398, EPI_ISL_1378401, EPI_ISL_1378402, EPI_ISL_1378403, EPI_ISL_1378404, EPI_ISL_1378405, EPI_ISL_1378406, EPI_ISL_1378407, EPI_ISL_1378408, EPI_ISL_1378409, EPI_ISL_1378410, EPI_ISL_1378412, EPI_ISL_1378413, EPI_ISL_1378415, EPI_ISL_1378416, EPI_ISL_1378418, EPI_ISL_1378419, EPI_ISL_1378420, EPI_ISL_1378421, EPI_ISL_1378422, EPI_ISL_1378423, EPI_ISL_1378424, EPI_ISL_1378425, EPI_ISL_1378427			
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_1378448	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_1378451, EPI_ISL_1378452, EPI_ISL_1378453, EPI_ISL_1378454, EPI_ISL_1378455, EPI_ISL_1378456, EPI_ISL_1378458, EPI_ISL_1378459, EPI_ISL_1378460, EPI_ISL_1378461, EPI_ISL_1378462, EPI_ISL_1378463, EPI_ISL_1378464, EPI_ISL_1378465, EPI_ISL_1378466, EPI_ISL_1378467, EPI_ISL_1378468, EPI_ISL_1378469, EPI_ISL_1378470, EPI_ISL_1378471, EPI_ISL_1378472, EPI_ISL_1378473, EPI_ISL_1378474, EPI_ISL_1378475, EPI_ISL_1378476, EPI_ISL_1378477, EPI_ISL_1378478, EPI_ISL_1378479, EPI_ISL_1378480, EPI_ISL_1378481, EPI_ISL_1378482, EPI_ISL_1378483, EPI_ISL_1378484, EPI_ISL_1378485, EPI_ISL_1378486, EPI_ISL_1378487, EPI_ISL_1378488, EPI_ISL_1378489			
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_1378490	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_1378830, EPI_ISL_1378831, EPI_ISL_1378832	Grubaugh Lab - Yale School of Public Health	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, Nathan Grubaugh
EPI_ISL_1381758	Institute of Virology, Biomedical Research Center of the Slovak Academy of Sciences, Bratislava	Faculty of Natural Sciences, Comenius University, Bratislava	Kristina Borsova, Viktoria Cabanova, Brona Brejova, Viktoria Hodorova, Sabina Fumacova Havlikova, Juraj Kopacek, Martina Lickova, Lubomira Lukacikova, Martina Nebohacova, Monika Slavikova, Tomas Vinar, Boris Klempa, Jozef Nosek
EPI_ISL_1381766	Institute of Virology, Biomedical Research Center of the Slovak Academy of Sciences, Bratislava	Faculty of Natural Sciences, Comenius University, Bratislava	Brona Brejova, Viktoria Cabanova, Kristina Borsova, Viktoria Hodorova, Sabina Fumacova Havlikova, Juraj Kopacek, Martina Lickova, Lubomira Lukacikova, Martina Nebohacova, Monika Slavikova, Tomas Vinar, Jozef Nosek, Boris Klempa
EPI_ISL_1381773, EPI_ISL_1381777	Institute of Virology, Biomedical Research Center of the Slovak Academy of Sciences, Bratislava	Faculty of Natural Sciences, Comenius University, Bratislava	Kristina Borsova, Viktoria Cabanova, Brona Brejova, Viktoria Hodorova, Sabina Fumacova Havlikova, Juraj Kopacek, Martina Lickova, Lubomira Lukacikova, Martina Nebohacova, Monika Slavikova, Tomas Vinar, Boris Klempa, Jozef Nosek
EPI_ISL_1381784	Institute of Virology, Biomedical Research Center of the Slovak Academy of Sciences, Bratislava	Faculty of Natural Sciences, Comenius University, Bratislava	Brona Brejova, Viktoria Cabanova, Kristina Borsova, Viktoria Hodorova, Sabina Fumacova Havlikova, Juraj Kopacek, Martina Lickova, Lubomira Lukacikova, Martina Nebohacova, Monika Slavikova, Tomas Vinar, Jozef Nosek, Boris Klempa
EPI_ISL_1381791	Institute of Virology, Biomedical Research Center of the Slovak Academy of Sciences, Bratislava	Faculty of Natural Sciences, Comenius University, Bratislava	Kristina Borsova, Viktoria Cabanova, Brona Brejova, Viktoria Hodorova, Sabina Fumacova Havlikova, Juraj Kopacek, Martina Lickova, Lubomira Lukacikova, Martina Nebohacova, Monika Slavikova, Tomas Vinar, Boris Klempa, Jozef Nosek
EPI_ISL_1381835, EPI_ISL_1381837, EPI_ISL_1381840, EPI_ISL_1381841, EPI_ISL_1381846, EPI_ISL_1381847, EPI_ISL_1381862	Hospital General Universitario Gregorio Marañón	Hospital General Universitario Gregorio Marañón	Sergio Buenestado Serrano, Pedro Sola Campoy, Laura Pérez-Lago, Cristina Rodríguez-Grande, Pilar Catalán, Patricia Muñoz, Dario García de Viedma
EPI_ISL_1381967	Labo Medicom	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_1381971, EPI_ISL_1381972	Department of Clinical Microbiology	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Nathalie Renotte, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_1381976, EPI_ISL_1381977	University of Liège COVID-19 testing center	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Nathalie Renotte, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_1381990	Labo Medicom	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_1381993, EPI_ISL_1382002, EPI_ISL_1382008	SYNLAB	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Nathalie Renotte, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_1382011, EPI_ISL_1382012, EPI_ISL_1382013, EPI_ISL_1382014, EPI_ISL_1382015, EPI_ISL_1382049	University of Liège COVID-19 testing center	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Nathalie Renotte, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_1382134	Gundersen Clinical Microbiology Laboratory	Kabara Cancer Research Institute	Craig S. Richmond, Paraic A. Kenny
EPI_ISL_1382245, EPI_ISL_1382246, EPI_ISL_1382248, EPI_ISL_1382249, EPI_ISL_1382250, EPI_ISL_1382251, EPI_ISL_1382252, EPI_ISL_1382253, EPI_ISL_1382255, EPI_ISL_1382256, EPI_ISL_1382257, EPI_ISL_1382258, EPI_ISL_1382259, EPI_ISL_1382260, EPI_ISL_1382262, EPI_ISL_1382263, EPI_ISL_1382264, EPI_ISL_1382265, EPI_ISL_1382268, EPI_ISL_1382269, EPI_ISL_1382270, EPI_ISL_1382271, EPI_ISL_1382277, EPI_ISL_1382278, EPI_ISL_1382283, EPI_ISL_1382284, EPI_ISL_1382285, EPI_ISL_1382287, EPI_ISL_1382295, EPI_ISL_1382297, EPI_ISL_1382298, EPI_ISL_1382299, EPI_ISL_1382300, EPI_ISL_1382301, EPI_ISL_1382302, EPI_ISL_1382304, EPI_ISL_1382305, EPI_ISL_1382306			
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_1383797, EPI_ISL_1383798, EPI_ISL_1383801, EPI_ISL_1383803, EPI_ISL_1383804, EPI_ISL_1383805, EPI_ISL_1383806, EPI_ISL_1383807, EPI_ISL_1383808, EPI_ISL_1383811	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_1384029, EPI_ISL_1384037	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_1384692, EPI_ISL_1384700, EPI_ISL_1384701	The National Public Health Laboratory	Vilnius University Hospital Santaros Klinikos, Center of Laboratory Medicine	Dovile Ezerskyte, Daniel Naumovas, Gytis Dudas, Ingrida Olendraite, Rimvydas Norvilas, Ligita Raugaite, Monika Katenaite, Mindaugas Stoksus, Laimonas Griskevicius	
EPI_ISL_1384702, EPI_ISL_1384703, EPI_ISL_1384704, EPI_ISL_1384707, EPI_ISL_1384708, EPI_ISL_1384709, EPI_ISL_1384710, EPI_ISL_1384711, EPI_ISL_1384712, EPI_ISL_1384713, EPI_ISL_1384715, EPI_ISL_1384717, EPI_ISL_1384720	see above	Life Sciences Center, Vilnius University	Vilnius University Hospital Santaros Klinikos, Center of Laboratory Medicine	Dovile Ezerskyte, Daniel Naumovas, Gytis Dudas, Ingrida Olendraite, Rimvydas Norvilas, Ligita Raugaite, Monika Katenaite, Mindaugas Stoksus, Laimonas Griskevicius
EPI_ISL_1384722, EPI_ISL_1384723, EPI_ISL_1384725, EPI_ISL_1384728, EPI_ISL_1384730, EPI_ISL_1384731, EPI_ISL_1384732, EPI_ISL_1384733, EPI_ISL_1384734, EPI_ISL_1384735, EPI_ISL_1384736, EPI_ISL_1384738, EPI_ISL_1384739, EPI_ISL_1384740, EPI_ISL_1384742, EPI_ISL_1384744, EPI_ISL_1384746, EPI_ISL_1384747, EPI_ISL_1384749, EPI_ISL_1384750, EPI_ISL_1384753, EPI_ISL_1384756, EPI_ISL_1384757, EPI_ISL_1384759, EPI_ISL_1384763, EPI_ISL_1384764, EPI_ISL_1384765, EPI_ISL_1384766, EPI_ISL_1384767, EPI_ISL_1384771, EPI_ISL_1384772, EPI_ISL_1384773	see above	National Food and Veterinary Risk Assessment Institute	Vilnius University Hospital Santaros Klinikos, Center of Laboratory Medicine	Dovile Ezerskyte, Daniel Naumovas, Gytis Dudas, Ingrida Olendraite, Rimvydas Norvilas, Ligita Raugaite, Monika Katenaite, Mindaugas Stoksus, Laimonas Griskevicius
EPI_ISL_1384783, EPI_ISL_1384790, EPI_ISL_1384791, EPI_ISL_1384794, EPI_ISL_1384800		SYNLAB Lietuva UAB	Vilnius University Hospital Santaros Klinikos, Center of Laboratory Medicine	Dovile Ezerskyte, Daniel Naumovas, Gytis Dudas, Ingrida Olendraite, Rimvydas Norvilas, Ligita Raugaite, Monika Katenaite, Mindaugas Stoksus, Laimonas Griskevicius
EPI_ISL_1384802, EPI_ISL_1384807		Republican Panevezys Hospital	Vilnius University Hospital Santaros Klinikos, Center of Laboratory Medicine	Dovile Ezerskyte, Daniel Naumovas, Gytis Dudas, Ingrida Olendraite, Rimvydas Norvilas, Ligita Raugaite, Monika Katenaite, Mindaugas Stoksus, Laimonas Griskevicius
EPI_ISL_1384887, EPI_ISL_1384889, EPI_ISL_1384950, EPI_ISL_1384990, EPI_ISL_1384996		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, Sol Rey, Dylan Law, Haiping Hao, Jon Laurent
EPI_ISL_1385882, EPI_ISL_1385884, EPI_ISL_1385913, EPI_ISL_1385933		Clinical Microbiology, Infection Prevention and Control	Section for Molecular Diagnostics	Björn Hallström, Jonas Björkman
EPI_ISL_1385969, EPI_ISL_1385979		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_1385981, EPI_ISL_1385982, EPI_ISL_1385983		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_1385984		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_1385985		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_1385987		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_1385988		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_1385990		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_1385992		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_1385993		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_1385995, EPI_ISL_1386001, EPI_ISL_1386002, EPI_ISL_1386003, EPI_ISL_1386004, EPI_ISL_1386008, EPI_ISL_1386076, EPI_ISL_1386079, EPI_ISL_1386089, EPI_ISL_1386091, EPI_ISL_1386100, EPI_ISL_1386101	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, Maria Casadellà, Cristina Casañ, Gemma Clara, Bonaventura Clotet, Cristina Esteban, Montserrat Giménez, Mercedes Guerrero, Anna Not, Roger Paredes, Mariiona Parera, Verónica Saludes, Alba Sánchez, and Elisa Martró on behalf of the Can Ruti SARS-CoV-2 Sequencing Hub.
EPI_ISL_1386179, EPI_ISL_1386182, EPI_ISL_1386183, EPI_ISL_1386216, EPI_ISL_1386217		Wojewodzka Stacja Sanitarno-Epidemiologiczna w Olsztynie, Laboratorium Badan Epidemiologiczno-Klinicznych	Wojewodzka Stacja Sanitarno-Epidemiologiczna w Olsztynie, Laboratorium Badan Epidemiologiczno-Klinicznych	Sylwia Krzetowska, Monika Czerminska, Ewa Liszewska, Tomasz Jakubczak, Marta Lukian, Patryk Bielecki, Aleksandra Kobiatko, Emilia Tarabas, Paulina Rozycka, Barbara Dolinska
EPI_ISL_1386481, EPI_ISL_1386482, EPI_ISL_1386483, EPI_ISL_1386484, EPI_ISL_1386485, EPI_ISL_1386516, EPI_ISL_1386517, EPI_ISL_1386518, EPI_ISL_1386540, EPI_ISL_1386541		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_1386589		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_1386692, EPI_ISL_1386693, EPI_ISL_1386697, EPI_ISL_1386703		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_1386761, EPI_ISL_1386771, EPI_ISL_1386807, EPI_ISL_1386808, EPI_ISL_1386809, EPI_ISL_1386810, EPI_ISL_1386812		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 Gemmill, 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_1386846, EPI_ISL_1386870, EPI_ISL_1386882		University College London, Great Ormond Street Hospital for Children NHS Foundation Trust, Imperial College Healthcare NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Sergi Castellano, Rachel Williams, Mark Kristiansen, Paola Resende Silva, Sunando Roy, Tony Brooks, Helena Tutill, Paola Niola, Patricia Dyal, Charlotte Williams, Leysa Forrest, Yasmin Panchbhaya, Jacqueline Findlay, Samuel Weeks, Julianne Brown, Kathryn Harris, Paul Randell, James Price, Alison Holmes, Judith Breuer
EPI_ISL_1387094, EPI_ISL_1387096, EPI_ISL_1387130		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_1387137, EPI_ISL_1387138, EPI_ISL_1387144		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_1387847, EPI_ISL_1387849, EPI_ISL_1387850, EPI_ISL_1387851, EPI_ISL_1387852, EPI_ISL_1387853, EPI_ISL_1387861, EPI_ISL_1387863, EPI_ISL_1387866, EPI_ISL_1387877, EPI_ISL_1387881, EPI_ISL_1387882, EPI_ISL_1387889, EPI_ISL_1387898, EPI_ISL_1387900, EPI_ISL_1387905, EPI_ISL_1387907, EPI_ISL_1387908, EPI_ISL_1387917, EPI_ISL_1387919, EPI_ISL_1387921, EPI_ISL_1387928, EPI_ISL_1387929, EPI_ISL_1387930, EPI_ISL_1387938, EPI_ISL_1387945, EPI_ISL_1387950, EPI_ISL_1387956, EPI_ISL_1387957, EPI_ISL_1387958, EPI_ISL_1387959, EPI_ISL_1387961, EPI_ISL_1387964, EPI_ISL_1387975, EPI_ISL_1387979, EPI_ISL_1387981, EPI_ISL_1387982, EPI_ISL_1387984, EPI_ISL_1387989, EPI_ISL_1387991, EPI_ISL_1387992, EPI_ISL_1387993, EPI_ISL_1387996, EPI_ISL_1387997, EPI_ISL_1388002, EPI_ISL_1388003, EPI_ISL_1388006, EPI_ISL_1388011, EPI_ISL_1388015, EPI_ISL_1388020, EPI_ISL_1388033				

EPI_ISL_1388044, EPI_ISL_1388056, EPI_ISL_1388065, EPI_ISL_1388068, EPI_ISL_1388071, EPI_ISL_1388072, EPI_ISL_1388074, EPI_ISL_1388077, EPI_ISL_1388078, EPI_ISL_1388079, EPI_ISL_1388081, EPI_ISL_1388090, EPI_ISL_1388101, EPI_ISL_1388102, EPI_ISL_1388103, EPI_ISL_1388153, EPI_ISL_1388157, EPI_ISL_1388169, EPI_ISL_1388178, EPI_ISL_1388186, EPI_ISL_1388209, EPI_ISL_1388215, EPI_ISL_1388221, EPI_ISL_1388225, EPI_ISL_1388243, EPI_ISL_1388248, EPI_ISL_1388268, EPI_ISL_1388274, EPI_ISL_1388282, EPI_ISL_1388286, EPI_ISL_1388288, EPI_ISL_1388294, EPI_ISL_1388296, EPI_ISL_1388302, EPI_ISL_1388303, EPI_ISL_1388307, EPI_ISL_1388309, EPI_ISL_1388313, EPI_ISL_1388331, EPI_ISL_1388335, EPI_ISL_1388337, EPI_ISL_1388343, EPI_ISL_1388361, EPI_ISL_1388374, EPI_ISL_1388381, EPI_ISL_1388387, EPI_ISL_1388391, EPI_ISL_1388433, EPI_ISL_1388435, EPI_ISL_1388441, EPI_ISL_1388443, EPI_ISL_1388446, EPI_ISL_1388450, EPI_ISL_1388452, EPI_ISL_1388454, EPI_ISL_1388459, EPI_ISL_1388463, EPI_ISL_1388465, EPI_ISL_1388468, EPI_ISL_1388470, EPI_ISL_1388479, EPI_ISL_1388485, EPI_ISL_1388489, EPI_ISL_1388495, EPI_ISL_1388496, EPI_ISL_1388498, EPI_ISL_1388508, EPI_ISL_1388510, EPI_ISL_1388513, EPI_ISL_1388515, EPI_ISL_1388527, EPI_ISL_1388533, EPI_ISL_1388537, EPI_ISL_1388539, EPI_ISL_1388541, EPI_ISL_1388545, EPI_ISL_1388555, EPI_ISL_1388559, EPI_ISL_1388565, EPI_ISL_1388573, EPI_ISL_1388594, EPI_ISL_1388601, EPI_ISL_1388602, EPI_ISL_1388613, EPI_ISL_1388617, EPI_ISL_1388619, EPI_ISL_1388621, EPI_ISL_1388623, EPI_ISL_1388625, EPI_ISL_1388627, EPI_ISL_1388632, EPI_ISL_1388634, EPI_ISL_1388636, EPI_ISL_1388638	see above	Originating lab: Wales Specialist Virology Centre Sequencing lab: Pathogen Genomics Unit	Public Health Wales Microbiology Cardiff Wales Specialist Virology Centre	Catherine Moore, Johnathan Evans, Laura Gifford, Malorie Perry, Simon Cottrell, Angela Marchbank, Alec Birchley, Alexander Adams, Amy Gaskin, Bree Gatica-Wilcox, Jason Coombes, Joel Southgate, Lauren Gilbert, Lee Graham, Nicole Pacchiari, Sara Kumziene-Summerhayes, Sarah Taylor, Sophie Jones, Sara Rey, Matthew Bull, Joanne Watkins, Sally Corden, Tom Connor
EPI_ISL_1388786, EPI_ISL_1388788, EPI_ISL_1388790, EPI_ISL_1388923, EPI_ISL_1388925		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_1389084, EPI_ISL_1389086, EPI_ISL_1389098, EPI_ISL_1389102, EPI_ISL_1389110, EPI_ISL_1389132		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_1389168, EPI_ISL_1389170, EPI_ISL_1389171, EPI_ISL_1389172, EPI_ISL_1389173, EPI_ISL_1389174, EPI_ISL_1389175, EPI_ISL_1389176, EPI_ISL_1389177, EPI_ISL_1389178, EPI_ISL_1389179, EPI_ISL_1389180, EPI_ISL_1389181	see above	Labo Analyses Med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Louise Lefrançois, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Pichard Ronan
EPI_ISL_1389191, EPI_ISL_1389193		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, Febreau Christine
EPI_ISL_1389197, EPI_ISL_1389198, EPI_ISL_1389199, EPI_ISL_1389200, EPI_ISL_1389201, EPI_ISL_1389202, EPI_ISL_1389203, EPI_ISL_1389204, EPI_ISL_1389205, EPI_ISL_1389206, EPI_ISL_1389207, EPI_ISL_1389210, EPI_ISL_1389215, EPI_ISL_1389218, EPI_ISL_1389219, EPI_ISL_1389220, EPI_ISL_1389221, EPI_ISL_1389222, EPI_ISL_1389223, EPI_ISL_1389225, EPI_ISL_1389226, EPI_ISL_1389271, EPI_ISL_1389280, EPI_ISL_1389281, EPI_ISL_1389282, EPI_ISL_1389283, EPI_ISL_1389284, EPI_ISL_1389285, EPI_ISL_1389286, EPI_ISL_1389289, EPI_ISL_1389290, EPI_ISL_1389296	see above	Labo Analyses Med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Louise Lefrançois, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Pichard Ronan
EPI_ISL_1389307, EPI_ISL_1389308, EPI_ISL_1389309		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, Guillotel Eleha
EPI_ISL_1389312, EPI_ISL_1389313		Labo Analyses Med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Louise Lefrançois, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Felloni Claire
EPI_ISL_1389316		Labo Analyses Med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Louise Lefrançois, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Pichard Ronan
EPI_ISL_1389320		Labo Analyses Med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Louise Lefrançois, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Felloni Claire
EPI_ISL_1390314, EPI_ISL_1390315, EPI_ISL_1390319		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_1391097		Ospedale Santissima Annunziata	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Parisi A., Bianco A., Capozzi L., Del Sambro L., Simone D., Difato L., Ridolfi D., Giannico A., Tampola M.
EPI_ISL_1391099, EPI_ISL_1391124, EPI_ISL_1391125, EPI_ISL_1391133, EPI_ISL_1391174, EPI_ISL_1391187		Hospital Universitari Vall d'Hebron	Hospital Universitari Vall d'Hebron	Cristina Andrés, Maria Piñana, Josep F Abril, Damir Garcia-Cehic, Ariadna Rando, Juliana Esperalba, Maria Gema Codina, Carla Castillo, Maria Carmen Martin, Tomás Pumarola, Josep Quer, Andrés Antón
EPI_ISL_1392650		OSPEDALE CIVILE GIULIANOVA - PRONTO SOCCORSO GIULIANOVA(TERAMO)	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo Valeria, Mangone I, Rinaldi A, Delli Compagni E, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1392652, EPI_ISL_1392653, EPI_ISL_1392655, EPI_ISL_1392656, EPI_ISL_1392657, EPI_ISL_1392659, EPI_ISL_1392660, EPI_ISL_1392661, EPI_ISL_1392662		SIESP DIPARTIMENTO DI PREVENZIONE TERAMO TERAMO(TERAMO)	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo Valeria, Mangone I, Rinaldi A, Delli Compagni E, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1392664, EPI_ISL_1392665		RSA GIULIANOVA GIULIANOVA(TERAMO)	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo Valeria, Mangone I, Rinaldi A, Delli Compagni E, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1392666		SIESP DIPARTIMENTO DI PREVENZIONE CHIETI CHIETI(CHIETI)	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo Valeria, Mangone I, Rinaldi A, Delli Compagni E, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1392667, EPI_ISL_1392668, EPI_ISL_1392669		DIP. PREV. AVEZZANO SERVIZIO DI IGIENE EPIDEMIOLOGIA E SANITA' PUBBLICA AVEZZANO(L'AQUILA)	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo Valeria, Mangone I, Rinaldi A, Delli Compagni E, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1392670, EPI_ISL_1392671		SIESP SULMONA SULMONA(L'AQUILA)	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo Valeria, Mangone I, Rinaldi A, Delli Compagni E, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1392673		DIP. PREV. AVEZZANO SERVIZIO DI IGIENE EPIDEMIOLOGIA E SANITA' PUBBLICA AVEZZANO(L'AQUILA)	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo Valeria, Mangone I, Rinaldi A, Delli Compagni E, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1392674		SIESP SULMONA SULMONA(L'AQUILA)	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo Valeria, Mangone I, Rinaldi A, Delli Compagni E, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1392675, EPI_ISL_1392676, EPI_ISL_1392678		DIP. PREV. AVEZZANO SERVIZIO DI IGIENE EPIDEMIOLOGIA E SANITA' PUBBLICA AVEZZANO(L'AQUILA)	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo Valeria, Mangone I, Rinaldi A, Delli Compagni E, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1392681		SIESP CHIETI - DRIVE IN LANCIANO LANCIANO(CHIETI)	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo Valeria, Mangone I, Rinaldi A, Delli Compagni E, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1392682		SIESP DIPARTIMENTO DI PREVENZIONE TERAMO TERAMO(TERAMO)	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo Valeria, Mangone I, Rinaldi A, Delli Compagni E, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1392683, EPI_ISL_1392684		USCA Tagliacozzo TAGLIACOZZO(L'AQUILA)	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo Valeria, Mangone I, Rinaldi A, Delli Compagni E, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1392687		USCA Pescina PESCINA(L'AQUILA)	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo Valeria, Mangone I, Rinaldi A, Delli Compagni E, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1392688		SIESP CHIETI - DRIVE IN VASTO VASTO(CHIETI)	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G.	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo Valeria, Mangone I, Rinaldi A, Delli Compagni E, Scialabba S, Caporale M, Di

		Caporale*	Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1392691, EPI_ISL_1392692	SIESP CHIETI - DRIVE IN GISSI GISSI(CHIETI)	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo Valeria, Mangone I, Rinaldi A, Delli Compagni E, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1392694	SIESP CHIETI - DRIVE IN VASTO VASTO(CHIETI)	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo Valeria, Mangone I, Rinaldi A, Delli Compagni E, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1392697	SIESP CHIETI - DRIVE IN LANCIANO LANCIANO(CHIETI)	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo Valeria, Mangone I, Rinaldi A, Delli Compagni E, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1392698, EPI_ISL_1392699, EPI_ISL_1392701	SIESP CHIETI - DRIVE IN CHIETI CHIETI(CHIETI)	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo Valeria, Mangone I, Rinaldi A, Delli Compagni E, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1392702	SIESP CHIETI - DRIVE IN ORTONA ORTONA(CHIETI)	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo Valeria, Mangone I, Rinaldi A, Delli Compagni E, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1392887	Missouri State Public Health Laboratory	Missouri State Public Health Laboratory	Matthew Sinn, Joshua Barry, Ashley New
EPI_ISL_1393310, EPI_ISL_1393311, EPI_ISL_1393312, EPI_ISL_1393313, EPI_ISL_1393314, EPI_ISL_1393315, EPI_ISL_1393316, EPI_ISL_1393317, EPI_ISL_1393318, EPI_ISL_1393319, EPI_ISL_1393382, EPI_ISL_1393386, EPI_ISL_1393615, EPI_ISL_1393616, EPI_ISL_1393617, EPI_ISL_1393618, EPI_ISL_1393619, EPI_ISL_1393620, EPI_ISL_1393621, EPI_ISL_1393622, EPI_ISL_1393623, EPI_ISL_1393624, EPI_ISL_1393625, EPI_ISL_1393626, EPI_ISL_1393627, EPI_ISL_1393628	Servicio de Microbiología Clínica (Complejo Hospitalario de Navarra, Pamplona)	Centro de Secuenciación NASERTIC	Carmen Ezpeleta Baquedano, Ana Navascués, Ana Miqueleiz
EPI_ISL_1394421, EPI_ISL_1394422, EPI_ISL_1394424, EPI_ISL_1394451	Hospital Universitari Vall d'Hebron	Hospital Universitari Vall d'Hebron	Cristina Andrés, Maria Piñana, Josep F Abril, Damir Garcia-Cehic, Ariadna Rando, Juliana Esperalba, Maria Gema Codina, Carla Castillo, Maria Carmen Martin, Tomás Pumarola, Josep Quer, Andrés Antón
EPI_ISL_1394669, EPI_ISL_1394670, EPI_ISL_1394671, EPI_ISL_1394672, EPI_ISL_1394673, EPI_ISL_1394674	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_1396731, EPI_ISL_1396733, EPI_ISL_1396734	CHU Lille	CHU Lille - Laboratoire de Virologie	AIT YAHYA Emilie, ALIDJINOUE Enagnon Kazali, BOCKET Laurence, CREPIN Michel, DEMAY Christophe, ENGELMANN Ilka, GEFFROY Sandrine, GUIGON Aurélie, LAMBERT Valérie, LAZREK Mouna, NOBILLIAUX Florian, PREVOST Brigitte, THUILLIER Caroline, TINEZ Claire, TCHANTCHOU NJOSSE YANICK
EPI_ISL_1396735	CH Dunkerque	CHU Lille - Laboratoire de Virologie	AIT YAHYA Emilie, ALIDJINOUE Enagnon Kazali, BOCKET Laurence, CREPIN Michel, DEMAY Christophe, ENGELMANN Ilka, GEFFROY Sandrine, GUIGON Aurélie, LAMBERT Valérie, LAZREK Mouna, NOBILLIAUX Florian, PREVOST Brigitte, THUILLIER Caroline, TINEZ Claire, TCHANTCHOU NJOSSE YANICK
EPI_ISL_1396736, EPI_ISL_1396737	CH Valenciennes	CHU Lille - Laboratoire de Virologie	AIT YAHYA Emilie, ALIDJINOUE Enagnon Kazali, BOCKET Laurence, CREPIN Michel, DEMAY Christophe, ENGELMANN Ilka, GEFFROY Sandrine, GUIGON Aurélie, LAMBERT Valérie, LAZREK Mouna, NOBILLIAUX Florian, PREVOST Brigitte, THUILLIER Caroline, TINEZ Claire, TCHANTCHOU NJOSSE YANICK
EPI_ISL_1398399, EPI_ISL_1398406, EPI_ISL_1398417	UAB InMedica	Vilnius University Hospital Santaros Klinikos, Center of Laboratory Medicine	Gytis Dudas, Ingrida Olendraite, Rimvydas Norvilas, Dovile Ezerskyte, Daniel Naumovas, Ligita Raugaite, Monika Katenaite, Mindaugas Stoskus, Laimonas Griskevicius
EPI_ISL_1398436, EPI_ISL_1398440, EPI_ISL_1398442, EPI_ISL_1398443, EPI_ISL_1398444, EPI_ISL_1398445, EPI_ISL_1398446, EPI_ISL_1398447, EPI_ISL_1398448, EPI_ISL_1398449, EPI_ISL_1398451, EPI_ISL_1398452, EPI_ISL_1398453, EPI_ISL_1398454, EPI_ISL_1398455	Life Sciences Center, Vilnius University	Vilnius University Hospital Santaros Klinikos, Center of Laboratory Medicine	Gytis Dudas, Ingrida Olendraite, Rimvydas Norvilas, Dovile Ezerskyte, Daniel Naumovas, Ligita Raugaite, Monika Katenaite, Mindaugas Stoskus, Laimonas Griskevicius
EPI_ISL_1398457, EPI_ISL_1398461, EPI_ISL_1398464, EPI_ISL_1398475, EPI_ISL_1398478, EPI_ISL_1398485	Vilnius University Hospital Santaros Klinikos	Vilnius University Hospital Santaros Klinikos, Center of Laboratory Medicine	Gytis Dudas, Ingrida Olendraite, Rimvydas Norvilas, Dovile Ezerskyte, Daniel Naumovas, Ligita Raugaite, Monika Katenaite, Mindaugas Stoskus, Laimonas Griskevicius
EPI_ISL_1398489, EPI_ISL_1398490, EPI_ISL_1398491, EPI_ISL_1398492, EPI_ISL_1398493, EPI_ISL_1398494, EPI_ISL_1398499, EPI_ISL_1398500, EPI_ISL_1398501, EPI_ISL_1398502, EPI_ISL_1398503, EPI_ISL_1398506, EPI_ISL_1398509, EPI_ISL_1398511, EPI_ISL_1398512, EPI_ISL_1398513, EPI_ISL_1398514, EPI_ISL_1398515, EPI_ISL_1398516, EPI_ISL_1398518, EPI_ISL_1398519, EPI_ISL_1398521, EPI_ISL_1398522, EPI_ISL_1398523	National Food and Veterinary Risk Assessment Institute	Vilnius University Hospital Santaros Klinikos, Center of Laboratory Medicine	Gytis Dudas, Ingrida Olendraite, Rimvydas Norvilas, Dovile Ezerskyte, Daniel Naumovas, Ligita Raugaite, Monika Katenaite, Mindaugas Stoskus, Laimonas Griskevicius
EPI_ISL_1399336, EPI_ISL_1399342	Instituto Nacional de Saude (INSA) and BioSystems & Integrative Sciences Institute (BioISI) Genomics Unit, FCUL	Instituto Nacional de Saude (INSA) and BioSystems & Integrative Sciences Institute (BioISI) Genomics Unit, FCUL	Borges et al
EPI_ISL_1399385, EPI_ISL_1399387, EPI_ISL_1399390	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_1399635, EPI_ISL_1399733, EPI_ISL_1399738, EPI_ISL_1399739	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1399786, EPI_ISL_1399794	Instituto Nacional de Saude (INSA) and BioSystems & Integrative Sciences Institute (BioISI) Genomics Unit, FCUL	Instituto Nacional de Saude (INSA) and BioSystems & Integrative Sciences Institute (BioISI) Genomics Unit, FCUL	Borges et al
EPI_ISL_1399862, EPI_ISL_1399874	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_1399976, EPI_ISL_1399977, EPI_ISL_1399978	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1400046	Instituto Nacional de Saude (INSA) and BioSystems & Integrative Sciences Institute (BioISI) Genomics Unit, FCUL	Instituto Nacional de Saude (INSA) and BioSystems & Integrative Sciences Institute (BioISI) Genomics Unit, FCUL	Borges et al
EPI_ISL_1400088, EPI_ISL_1400125	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_1400173, EPI_ISL_1400186, EPI_ISL_1400209, EPI_ISL_1400257	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1400973, EPI_ISL_1400975, EPI_ISL_1400976, EPI_ISL_1400978, EPI_ISL_1400979, EPI_ISL_1400981	New Mexico Department of Health Scientific Laboratory	New Mexico Department of Health Scientific Laboratory	Ellie Johnson, Anastacia Griego-Fisher, D'eldra Malone, Jennifer Benoit
EPI_ISL_1401304, EPI_ISL_1401305, EPI_ISL_1401307, EPI_ISL_1401308, EPI_ISL_1401309, EPI_ISL_1401310, EPI_ISL_1401312, EPI_ISL_1401313, EPI_ISL_1401314, EPI_ISL_1401315, EPI_ISL_1401316, EPI_ISL_1401317	National Center of Infectious and Parasitic Diseases	National Center of Infectious and Parasitic Diseases	Alexiev et al
EPI_ISL_1401493	The Jackson Laboratory	The Jackson Laboratory	Bergeron D, Uvalic J, Renzette N, Adams M, Omerza G, Kelly K, Li L
EPI_ISL_1402338	CMBG FN Brno	CMBG FN Brno	Bezdicsek M., Lengerova M., Svaton J.
EPI_ISL_1402745, EPI_ISL_1402749, EPI_ISL_1402754, EPI_ISL_1402765	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1402802, EPI_ISL_1402827,	Johns Hopkins Hospital Department of Pathology	Johns Hopkins Hospital Department of Pathology	C. Paul Morris, Chun Hual Luo, Adannaya Amadi, Matthew Schwartz, Heba H. Mostafa

EPI_ISL_1402835, EPI_ISL_1402840, EPI_ISL_1402856, EPI_ISL_1402864, EPI_ISL_1402896, EPI_ISL_1402901, EPI_ISL_1402903, EPI_ISL_1402905			
EPI_ISL_1402943, EPI_ISL_1402945, EPI_ISL_1402946	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_1402956	Ostfold Hospital Trust - Kalnes, Centre for Laboratory Medicine, Section for gene technology and infection serology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1403375, EPI_ISL_1403376, EPI_ISL_1403377	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, Andraž Čelar, Dominika Šturm, Patricija Pozvek, Špela Pleh, Miša Korva, Mario Poljak, Tatjana Avši - Zupanc
EPI_ISL_1404121	University of Wisconsin-Madison AIDS Vaccine Research Laboratories	University of Wisconsin-Madison AIDS Vaccine Research Laboratories	Gage Moreno, Katarina Braun, et al. AIDS Vaccine Research Laboratories
EPI_ISL_1404270, EPI_ISL_1404276, EPI_ISL_1404282, EPI_ISL_1404287, EPI_ISL_1404288, EPI_ISL_1404294, EPI_ISL_1404295, EPI_ISL_1404301, EPI_ISL_1404304	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_1404393	Klinisch Laboratorium ZNA	Klinisch Laboratorium ZNA	Verstrepen et al.
EPI_ISL_1404504, EPI_ISL_1404505, EPI_ISL_1404506, EPI_ISL_1404507, EPI_ISL_1404518, EPI_ISL_1404519, EPI_ISL_1404520, EPI_ISL_1404521, EPI_ISL_1404522, EPI_ISL_1404524, EPI_ISL_1404528, EPI_ISL_1404530, EPI_ISL_1404531, EPI_ISL_1404534, EPI_ISL_1404535	see above	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_1404574, EPI_ISL_1404575	Hôpital Armand-Trousseau	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_1404882, EPI_ISL_1404884, EPI_ISL_1404887, EPI_ISL_1404888, EPI_ISL_1404889, EPI_ISL_1404891, EPI_ISL_1404892, EPI_ISL_1404893, EPI_ISL_1404894, EPI_ISL_1404895, EPI_ISL_1404899, EPI_ISL_1404903, EPI_ISL_1404905, EPI_ISL_1404907, EPI_ISL_1404908, EPI_ISL_1404909, EPI_ISL_1404910, EPI_ISL_1404911, EPI_ISL_1404912	see above	Lithuanian University of Health Sciences	Arnoldas Pautienius, Kamile Tamauskaite, Gediminas Alzbutas, Dovydas Gecys, Lukas Zemaitis, Vaiva Lesauskaite
EPI_ISL_1404999, EPI_ISL_1405001, EPI_ISL_1405002, EPI_ISL_1405006, EPI_ISL_1405007, EPI_ISL_1405012	NJDOH, Public Health and Environmental Laboratories	New Jersey Public Health and Environmental Laboratories (NJ PHEL)	Lindsey Bodnar, Shiv K. Verma, Dana Woell, Byeong Jeong
EPI_ISL_1405716, EPI_ISL_1405718	Idaho Bureau of Laboratories	Idaho Bureau of Laboratories	R. Beukelman, Matthew Charles Burns, Aimee Ceniseros, Robert L. Voermans, Christopher Ball
EPI_ISL_1405979	Microbiology Department, Laboratori Clinic Metropolitana Nord. Hospital Universitari Germans Trias i Pujol.	Can Ruti SARS-CoV-2 Sequencing Hub (HUGTIP/IrsiCaixa/IQTP)	Marc Noguera-Julian, Pilar Armengol, Ignacio Blanco, Antoni E Bordoy, Francesc Catala-Moll, Pere-Joan Cardona, Maria Casadellà, Cristina Casañ, Gemma Clara, Bonaventura Clotet, Cristina Esteban, Montserrat Giménez, Mercedes Guerrero, Anna Not, Roger Paredes, Mariona Parera, Verónica Saludes, Alba Sánchez, and Elisa Martró on behalf of the Can Ruti SARS-CoV-2 Sequencing Hub.
EPI_ISL_1406155	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Department
EPI_ISL_1406420, EPI_ISL_1406421, EPI_ISL_1406422, EPI_ISL_1406423, EPI_ISL_1406424, EPI_ISL_1406425	Laboratorio de Virología HUCA	Laboratorio de Virología HUCA	Sandoval M, Castelló C, Gómez de Oña J, Boga JA, Rojo S, Alvarez-Arguelles ME, Abreu F, Costales I, Perez-Martínez Z, Martín-Rodríguez G, Coto E, Melón S
EPI_ISL_1406536, EPI_ISL_1406539, EPI_ISL_1406559, EPI_ISL_1406566, EPI_ISL_1406579, EPI_ISL_1406580, EPI_ISL_1406581, EPI_ISL_1406584	Centre Hospitalier Universitaire Clermont-Ferrand	CHU Clermont-Ferrand, service de virologie	Bisseux Maxime, Mirand Audrey, Combes Patricia, Henquell Cécile
EPI_ISL_1406588	Centre Hospitalier RIOM	CHU Clermont-Ferrand, service de virologie	Bisseux Maxime, Mirand Audrey, Combes Patricia, Henquell Cécile
EPI_ISL_1406589	CDP COVID MONTLUCON	CHU Clermont-Ferrand, service de virologie	Bisseux Maxime, Mirand Audrey, Combes Patricia, Henquell Cécile
EPI_ISL_1406596	HOPITAL DE VICHY	CHU Clermont-Ferrand, service de virologie	Bisseux Maxime, Mirand Audrey, Combes Patricia, Henquell Cécile
EPI_ISL_1406599	Centre De Prelevement COVID RIOM	CHU Clermont-Ferrand, service de virologie	Bisseux Maxime, Mirand Audrey, Combes Patricia, Henquell Cécile
EPI_ISL_1406601	Centre hospitalier D'AURILLAC	CHU Clermont-Ferrand, service de virologie	Bisseux Maxime, Mirand Audrey, Combes Patricia, Henquell Cécile
EPI_ISL_1406602, EPI_ISL_1406604, EPI_ISL_1406605, EPI_ISL_1406610	Centre Hospitalier Universitaire Clermont-Ferrand	CHU Clermont-Ferrand, service de virologie	Bisseux Maxime, Mirand Audrey, Combes Patricia, Henquell Cécile
EPI_ISL_1406611	HOPITAL DE VICHY	CHU Clermont-Ferrand, service de virologie	Bisseux Maxime, Mirand Audrey, Combes Patricia, Henquell Cécile
EPI_ISL_1406615	Centre Hospitalier Universitaire Clermont-Ferrand	CHU Clermont-Ferrand, service de virologie	Bisseux Maxime, Mirand Audrey, Combes Patricia, Henquell Cécile
EPI_ISL_1406618	Centre hospitalier D'AURILLAC	CHU Clermont-Ferrand, service de virologie	Bisseux Maxime, Mirand Audrey, Combes Patricia, Henquell Cécile
EPI_ISL_1406649	CDP COVID MONTLUCON	CHU Clermont-Ferrand, service de virologie	Bisseux Maxime, Mirand Audrey, Combes Patricia, Henquell Cécile
EPI_ISL_1407462, EPI_ISL_1407476, EPI_ISL_1407480, EPI_ISL_1407483, EPI_ISL_1407490	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Catharine Aquino, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Andreia Cabral de Gouvea, Maria Domenica Moccia, Simon Grüter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patrignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1407493	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Ivan Topolsky, Emmanouil Dermizakis, 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_1407504	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Catharine Aquino, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Andreia Cabral de Gouvea, Maria Domenica Moccia, Simon Grüter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patrignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1407534	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Ivan Topolsky, Emmanouil Dermizakis, 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_1407542, EPI_ISL_1407566, EPI_ISL_1407567, EPI_ISL_1407573,	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Catharine Aquino, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Andreia Cabral de Gouvea, Maria Domenica Moccia, Simon Grüter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patrignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler

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EPI_ISL_1408153		Zürich	Gouvea, Maria Domenica Moccia, Simon Grüter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patrignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1408156	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_1408158, EPI_ISL_1408160, EPI_ISL_1408161, EPI_ISL_1408163, EPI_ISL_1408165, EPI_ISL_1408166	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Catharine Aquino, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Andreia Cabral de Gouvea, Maria Domenica Moccia, Simon Grüter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patrignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1408172, EPI_ISL_1408173, EPI_ISL_1408174, EPI_ISL_1408179	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_1408184	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Catharine Aquino, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Andreia Cabral de Gouvea, Maria Domenica Moccia, Simon Grüter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patrignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1408203	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_1408205, EPI_ISL_1408208, EPI_ISL_1408209	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Catharine Aquino, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Andreia Cabral de Gouvea, Maria Domenica Moccia, Simon Grüter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patrignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1408212, EPI_ISL_1408213	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_1408220, EPI_ISL_1408236, EPI_ISL_1408244, EPI_ISL_1408247, EPI_ISL_1408260	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Catharine Aquino, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Andreia Cabral de Gouvea, Maria Domenica Moccia, Simon Grüter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patrignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1408266	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_1408270, EPI_ISL_1408281, EPI_ISL_1408284, EPI_ISL_1408285	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Catharine Aquino, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Andreia Cabral de Gouvea, Maria Domenica Moccia, Simon Grüter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patrignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1408309	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_1408313, EPI_ISL_1408321, EPI_ISL_1408344, EPI_ISL_1408358, EPI_ISL_1408359, EPI_ISL_1408367, EPI_ISL_1408371, EPI_ISL_1408372, EPI_ISL_1408378, EPI_ISL_1408387, EPI_ISL_1408393, EPI_ISL_1408397			
see above	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Catharine Aquino, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Andreia Cabral de Gouvea, Maria Domenica Moccia, Simon Grüter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patrignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1408402	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_1408432, EPI_ISL_1408449, EPI_ISL_1408451	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Catharine Aquino, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Andreia Cabral de Gouvea, Maria Domenica Moccia, Simon Grüter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patrignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1410086, EPI_ISL_1410096, EPI_ISL_1410101, EPI_ISL_1410106, EPI_ISL_1410116, EPI_ISL_1410142, EPI_ISL_1410143, EPI_ISL_1410191, EPI_ISL_1410211, EPI_ISL_1410216, EPI_ISL_1410238, EPI_ISL_1410246, EPI_ISL_1410269, EPI_ISL_1410280, EPI_ISL_1410281, EPI_ISL_1410283, EPI_ISL_1410286			
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_1410671, EPI_ISL_1410746	1. Glowny Inspektorat Sanitarny. 2. Diagnostyka. Laboratoria Medyczne.	1. ViroGenetics - BSL3 Laboratory of Virology, Malopolska Centre of Biotechnology, Jagiellonian University; 2. genXone SA, Research & Development Laboratory	Mazur-Panasiuk,N., Grzegorz Nowicki, Gromowski,T., Natalia Drwaska-Matelska, Jakub Grabowski, Anna Brylak, Aleksandra Gidlewicz, Karol Szeszko, Maciej Sykulski, Lukasz Krych, Kowalski,M., Szulc,P., Sylwia Januszczak, Labaj,P.P., Michal Kaszuba, Pirc,K.
EPI_ISL_1411116, EPI_ISL_1411171, EPI_ISL_1411184, EPI_ISL_1411209, EPI_ISL_1411239, EPI_ISL_1411245, EPI_ISL_1411246, EPI_ISL_1411309, EPI_ISL_1411320, EPI_ISL_1411322, EPI_ISL_1411334, EPI_ISL_1411391, EPI_ISL_1411400, EPI_ISL_1411402, EPI_ISL_1411411, EPI_ISL_1411429			
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_1411549, EPI_ISL_1411550, EPI_ISL_1411551, EPI_ISL_1411552, EPI_ISL_1411553, EPI_ISL_1411554, EPI_ISL_1411557, EPI_ISL_1411576, EPI_ISL_1411578, EPI_ISL_1411580, EPI_ISL_1411583, EPI_ISL_1411585, EPI_ISL_1411588, EPI_ISL_1411590, EPI_ISL_1411593, EPI_ISL_1411595, EPI_ISL_1411598, EPI_ISL_1411601, EPI_ISL_1411604, EPI_ISL_1411606, EPI_ISL_1411609, EPI_ISL_1411611, EPI_ISL_1411614, EPI_ISL_1411616			
see above	1. Glowny Inspektorat Sanitarny. 2. Diagnostyka. Laboratoria Medyczne.	1. ViroGenetics - BSL3 Laboratory of Virology, Malopolska Centre of Biotechnology, Jagiellonian University; 2. genXone SA, Research & Development Laboratory	Natalia Mazur-Panasiuk, Grzegorz Nowicki, Tomasz Gromowski, Natalia Drwaska-Matelska, Jakub Grabowski, Anna Brylak, Aleksandra Gidlewicz, Karol Szeszko, Maciej Sykulski, Lukasz Krych, Michal Kowalski, Piotr Szulc, Sylwia Januszczak, Pawel P Labaj, Michal Kaszuba, Krzysztof Pirc
EPI_ISL_1412212	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_1412218	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_1412239, EPI_ISL_1412241, EPI_ISL_1412265	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_1412284	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_1412317, EPI_ISL_1412339, EPI_ISL_1412340, EPI_ISL_1412346	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_1412355, EPI_ISL_1412362	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_1412374, EPI_ISL_1412392	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_1412429, EPI_ISL_1412447	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_1412464	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_1412517	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_1412547	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_1412549	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_1412994	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_1413115, EPI_ISL_1413116, EPI_ISL_1413128, EPI_ISL_1413140, EPI_ISL_1413182, EPI_ISL_1413203, EPI_ISL_1413214, EPI_ISL_1413250, EPI_ISL_1413284, EPI_ISL_1413297	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_1413341, EPI_ISL_1413344, EPI_ISL_1413361, EPI_ISL_1413363	Broad Institute Clinical Research Sequencing Platform	Infectious Disease Program, Broad Institute of Harvard and MIT	Siddle,K.J., Adams,G., Pearlman,L., Gladden-Young,A., Vicente,G., Blumenstiel,B., DeFelice,M., Lee,M., McGovern,S., Lagerborg,K., Rudy,M., DeRuff,K., Carter,A., Normandin,E., Bauer,M., Reilly,S., Tomkins-Tinch,C., Loreth,C., Chaluvasi,S., Meldrim,J., Granger,B., Lemieux,J.E., Birren,B.W., Sabeti,P.C., Larkin,K., Dodge,S., Lennon,N., Madoff,L., Brown,C., Gallagher,G., Smole,S., Park,D.J., Gabriel,S., and MacInnis,B.L.
EPI_ISL_1413375, EPI_ISL_1413383, EPI_ISL_1413402, EPI_ISL_1413415	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_1413450, EPI_ISL_1413458	Broad Institute Clinical Research Sequencing Platform	Infectious Disease Program, Broad Institute of Harvard and MIT	Siddle,K.J., Adams,G., Pearlman,L., Gladden-Young,A., Vicente,G., Blumenstiel,B., DeFelice,M., Lee,M., McGovern,S., Lagerborg,K., Rudy,M., DeRuff,K., Carter,A., Normandin,E., Bauer,M., Reilly,S., Tomkins-Tinch,C., Loreth,C., Chaluvasi,S., Meldrim,J., Granger,B., Lemieux,J.E., Birren,B.W., Sabeti,P.C., Larkin,K., Dodge,S., Lennon,N., Madoff,L., Brown,C., Gallagher,G., Smole,S., Park,D.J., Gabriel,S., and MacInnis,B.L.
EPI_ISL_1413484, EPI_ISL_1413495, EPI_ISL_1413507, EPI_ISL_1413560, EPI_ISL_1413958, EPI_ISL_1414077, EPI_ISL_1414084, EPI_ISL_1414092, EPI_ISL_1414106, EPI_ISL_1414107, EPI_ISL_1414108, EPI_ISL_1414115, EPI_ISL_1414120, EPI_ISL_1414128, EPI_ISL_1414144, EPI_ISL_1414151, EPI_ISL_1414174, EPI_ISL_1414187, EPI_ISL_1414199, EPI_ISL_1414221, EPI_ISL_1414232, EPI_ISL_1414248, EPI_ISL_1414258, EPI_ISL_1414266, EPI_ISL_1414268, EPI_ISL_1414275, EPI_ISL_1414277, EPI_ISL_1414283, EPI_ISL_1414289, EPI_ISL_1414323, EPI_ISL_1414346, EPI_ISL_1414364, EPI_ISL_1414369, EPI_ISL_1414410, EPI_ISL_1414428, EPI_ISL_1414435, EPI_ISL_1414450, EPI_ISL_1414464, EPI_ISL_1414467, EPI_ISL_1414477, EPI_ISL_1414484, EPI_ISL_1414489, EPI_ISL_1414506, EPI_ISL_1414510, EPI_ISL_1414526, EPI_ISL_1414530, EPI_ISL_1414539, EPI_ISL_1414536, EPI_ISL_1414552, EPI_ISL_1414558, EPI_ISL_1414571, EPI_ISL_1414579, EPI_ISL_1414593, EPI_ISL_1414603, EPI_ISL_1414622, EPI_ISL_1414641, EPI_ISL_1414644, EPI_ISL_1414653, EPI_ISL_1414664, EPI_ISL_1414676, EPI_ISL_1414681, EPI_ISL_1414722, EPI_ISL_1414726, EPI_ISL_1414730, EPI_ISL_1414739, EPI_ISL_1414741, EPI_ISL_1414745, EPI_ISL_1414765, EPI_ISL_1414790, EPI_ISL_1414791, EPI_ISL_1414794, EPI_ISL_1414797, EPI_ISL_1414804, EPI_ISL_1414806, EPI_ISL_1414811, EPI_ISL_1414813, EPI_ISL_1414821, EPI_ISL_1414824, EPI_ISL_1414857, EPI_ISL_1414859, EPI_ISL_1414874, EPI_ISL_1414896, EPI_ISL_1414905, EPI_ISL_1414909, EPI_ISL_1414910, EPI_ISL_1414922, EPI_ISL_1414929, EPI_ISL_1414932, EPI_ISL_1414953, EPI_ISL_1414970, EPI_ISL_1414985, EPI_ISL_1414990, EPI_ISL_1415000, EPI_ISL_1415001, EPI_ISL_1415009, EPI_ISL_1415046, EPI_ISL_1415055, EPI_ISL_1415057	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		
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_1415420	SIESP DIPARTIMENTO DI PREVENZIONE TERAMO TERAMO(TERAMO)	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo Valeria, Mangone I, Rinaldi A, Delli Compagni E, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1415421	OSPEDALE CIVILE SANT'OMERO - PRONTO SOCCORSO SANT'OMERO(TERAMO)	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo Valeria, Mangone I, Rinaldi A, Delli Compagni E, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1415436, EPI_ISL_1415442, EPI_ISL_1415444, EPI_ISL_1415455, EPI_ISL_1415462, EPI_ISL_1415463, EPI_ISL_1415464, EPI_ISL_1415466, EPI_ISL_1415467, EPI_ISL_1415469, EPI_ISL_1415470, EPI_ISL_1415471, EPI_ISL_1415472, EPI_ISL_1415473, EPI_ISL_1415474, EPI_ISL_1415475, EPI_ISL_1415476, EPI_ISL_1415477, EPI_ISL_1415478, EPI_ISL_1415479, EPI_ISL_1415480, EPI_ISL_1415481, EPI_ISL_1415482, EPI_ISL_1415483, EPI_ISL_1415484, EPI_ISL_1415485, EPI_ISL_1415486, EPI_ISL_1415487, EPI_ISL_1415488, EPI_ISL_1415489, EPI_ISL_1415490, EPI_ISL_1415491, EPI_ISL_1415492, EPI_ISL_1415493, EPI_ISL_1415494, EPI_ISL_1415495, EPI_ISL_1415496, EPI_ISL_1415497, EPI_ISL_1415498, EPI_ISL_1415499, EPI_ISL_1415500, EPI_ISL_1415502, EPI_ISL_1415503, EPI_ISL_1415505, EPI_ISL_1415506, EPI_ISL_1415507, EPI_ISL_1415508, EPI_ISL_1415509, EPI_ISL_1415510, EPI_ISL_1415511, EPI_ISL_1415512, EPI_ISL_1415513, EPI_ISL_1415514, EPI_ISL_1415515, EPI_ISL_1415516, EPI_ISL_1415517, EPI_ISL_1415518, EPI_ISL_1415519, 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Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team	
EPI_ISL_1415976	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian

		(COG-UK) Consortium	Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1415991, EPI_ISL_1416004, EPI_ISL_1416007, EPI_ISL_1416029, EPI_ISL_1416033, EPI_ISL_1416034, EPI_ISL_1416036, EPI_ISL_1416044, EPI_ISL_1416045, EPI_ISL_1416055, EPI_ISL_1416057, EPI_ISL_1416063, EPI_ISL_1416072, EPI_ISL_1416073, EPI_ISL_1416081, EPI_ISL_1416082, EPI_ISL_1416083, EPI_ISL_1416090, EPI_ISL_1416091, EPI_ISL_1416095, EPI_ISL_1416096, EPI_ISL_1416108, EPI_ISL_1416118, EPI_ISL_1416122			
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_1416320	UOC Microbiologia e Virologia, Azienda Ospedaliera Universitaria Senese, Siena, Italy	Dipartimento di Biotecnologie Mediche	Maria Grazia Cusi, David Pinzauti, Claudia Gandolfo, Gabriele Anichini, Gianni Pozzi, Gianni Gori Savellini, Francesco Santoro
EPI_ISL_1416738	National Virus Reference Laboratory	National Virus Reference Laboratory	Guerrino Macori, Gabriel Gonzalez, Michael Carr, Zoe Yandle, Charlene Bennett, Jonathan Dean, Seamus Fanning, Cillian F De Gascun
EPI_ISL_1416772, EPI_ISL_1416773, EPI_ISL_1416774, EPI_ISL_1416775	Platform BIS UZA/UAntwerpen	UAntwerp, Laboratory of Medical Microbiology	Basil Britto Xavier, Jasmine Coppens, Marie Le Mercier, Christine Lammens, Veerle Matheeußen, Herman Goossens
EPI_ISL_1416776	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_1416777, EPI_ISL_1416778	LHUB-ULB	UAntwerp, Laboratory of Medical Microbiology	Basil Britto Xavier, Jasmine Coppens, Marie Le Mercier, Christine Lammens, Veerle Matheeußen, Herman Goossens
EPI_ISL_1416779	Platform BIS UZA/UAntwerpen	UAntwerp, Laboratory of Medical Microbiology	Basil Britto Xavier, Jasmine Coppens, Marie Le Mercier, Christine Lammens, Veerle Matheeußen, Herman Goossens
EPI_ISL_1416780, EPI_ISL_1416792	LHUB-ULB	UAntwerp, Laboratory of Medical Microbiology	Basil Britto Xavier, Jasmine Coppens, Marie Le Mercier, Christine Lammens, Veerle Matheeußen, Herman Goossens
EPI_ISL_1416799	Platform BIS UZA/UAntwerpen	UAntwerp, Laboratory of Medical Microbiology	Basil Britto Xavier, Jasmine Coppens, Marie Le Mercier, Christine Lammens, Veerle Matheeußen, Herman Goossens
EPI_ISL_1416802	LHUB-ULB	UAntwerp, Laboratory of Medical Microbiology	Basil Britto Xavier, Jasmine Coppens, Marie Le Mercier, Christine Lammens, Veerle Matheeußen, Herman Goossens
EPI_ISL_1416803	Platform BIS UZA/UAntwerpen	UAntwerp, Laboratory of Medical Microbiology	Basil Britto Xavier, Jasmine Coppens, Marie Le Mercier, Christine Lammens, Veerle Matheeußen, Herman Goossens
EPI_ISL_1416804	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_1416811	Hospital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Frédéric Lemoine, Corinne Maufrais, Gael Millot, Christophe Malabat, Méline Bizard, Angela Brisebarre, Camille Capel, Louise Lefrançois, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Mj Dufour
EPI_ISL_1416820, EPI_ISL_1416821, EPI_ISL_1416822, EPI_ISL_1416833, EPI_ISL_1416834, EPI_ISL_1416835, EPI_ISL_1416836, EPI_ISL_1416837, EPI_ISL_1416838, EPI_ISL_1416839, EPI_ISL_1416840, EPI_ISL_1416841, EPI_ISL_1416842, EPI_ISL_1416843			
see above	Labo Analyses Med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Frédéric Lemoine, Corinne Maufrais, Gael Millot, Christophe Malabat, Méline Bizard, Angela Brisebarre, Camille Capel, Louise Lefrançois, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Mj Dufour
EPI_ISL_1417010, EPI_ISL_1417011, EPI_ISL_1417012, EPI_ISL_1417013, EPI_ISL_1417052, EPI_ISL_1417053, EPI_ISL_1417054, EPI_ISL_1417055, EPI_ISL_1417056, EPI_ISL_1417057, EPI_ISL_1417058, EPI_ISL_1417059, EPI_ISL_1417060, EPI_ISL_1417061, EPI_ISL_1417062, EPI_ISL_1417063, EPI_ISL_1417064			
see above	Hospital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Frédéric Lemoine, Corinne Maufrais, Gael Millot, Christophe Malabat, Méline Bizard, Angela Brisebarre, Camille Capel, Louise Lefrançois, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Mj Dufour
EPI_ISL_1417153, EPI_ISL_1417154, EPI_ISL_1417174, EPI_ISL_1417188, EPI_ISL_1417189, EPI_ISL_1417190	Labo Analyses Med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Frédéric Lemoine, Corinne Maufrais, Gael Millot, Christophe Malabat, Méline Bizard, Angela Brisebarre, Camille Capel, Louise Lefrançois, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Mj Dufour
EPI_ISL_1417441	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_1418190, EPI_ISL_1418191	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_1418192	LAM AVERON LABO RODEZ	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_1418193, EPI_ISL_1418201, EPI_ISL_1418202, EPI_ISL_1418203	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_1418204, EPI_ISL_1418206, EPI_ISL_1418208	CENTRE HOSPITALIER DU HAUT BUGEY	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_1418209, EPI_ISL_1418210, EPI_ISL_1418211, EPI_ISL_1418212, EPI_ISL_1418213, EPI_ISL_1418214, EPI_ISL_1418215, EPI_ISL_1418217, EPI_ISL_1418219, EPI_ISL_1418229, EPI_ISL_1418231, EPI_ISL_1418232, EPI_ISL_1418233, EPI_ISL_1418234			
see above	CNR Virus des Infections Respiratoires - France SUD	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1418240	CENTRE HOSPITALIER LUCIEN HUSSEL	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_1418255	LAM VAL DE GARONNE	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_1418256	CENTRE HOSPITALIER SUD GIRONDE	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_1418262, EPI_ISL_1418263, EPI_ISL_1418264, EPI_ISL_1418265, EPI_ISL_1418267, EPI_ISL_1418274, EPI_ISL_1418275, EPI_ISL_1418284, EPI_ISL_1418286, EPI_ISL_1418287, EPI_ISL_1418288, EPI_ISL_1418289, EPI_ISL_1418292, EPI_ISL_1418293, EPI_ISL_1418294, EPI_ISL_1418295, EPI_ISL_1418297, EPI_ISL_1418298, EPI_ISL_1418299, EPI_ISL_1418300			
see above	CNR Virus des Infections Respiratoires - France SUD	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1418321	National Institute of Infectious Diseases-Prof. Dr. Matei Bals Molecular Diagnostics Laboratory	National Institute of Infectious Diseases-Prof. Dr. Matei Bals Molecular Diagnostics Laboratory	Corina Casangiu, Leontina Banica, Marius Surleac, Ovidiu Vlaicu, Ionelia Nicolae, Simona Paraschiv, Dan Otelea
EPI_ISL_1421472, EPI_ISL_1421486	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Kelsey R. Florek, Abigail C. Shockey
EPI_ISL_1423192	WVU Rapid Development Laboratory	WVU and Marshall University Combined Genomics Core Facilities	"James Denvir, Peter Stoilov, Peter Perrotta, Wesley Kimble, Ryan Percifield"
EPI_ISL_1423328, EPI_ISL_1423329, EPI_ISL_1423332, EPI_ISL_1423333, EPI_ISL_1423334, EPI_ISL_1423336, EPI_ISL_1423339, EPI_ISL_1423340	Berkeley Medical Center	WVU and Marshall University Combined Genomics Core Facilities	"James Denvir, Peter Stoilov, Peter Perrotta, Wesley Kimble, Ryan Percifield"
EPI_ISL_1423538, EPI_ISL_1423542	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1425617	SARS-CoV-2 testing team, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Eri Nakayama, Motohiko Ogawa, Takahiro Maeki, Shigeru Tanjima, Chang-Kweng Lim, Makoto Kuroda
EPI_ISL_1432026	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1432029	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1432031, EPI_ISL_1432038, EPI_ISL_1432042, EPI_ISL_1432046, EPI_ISL_1432050	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1432052	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1432057	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown

EPI_ISL_1432080	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1432107, EPI_ISL_1432110, EPI_ISL_1432123, EPI_ISL_1432134, EPI_ISL_1432161, EPI_ISL_1432173	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1432183	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1432186, EPI_ISL_1432205, EPI_ISL_1432231, EPI_ISL_1432241	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1432244, EPI_ISL_1432259, EPI_ISL_1432274	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1432300, EPI_ISL_1432309, EPI_ISL_1432315, EPI_ISL_1432328, EPI_ISL_1432355, EPI_ISL_1432382	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1432400, EPI_ISL_1432419, EPI_ISL_1432468	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1432475	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1432510	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1432516, EPI_ISL_1432534, EPI_ISL_1432543	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1432547	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1432549	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1432560	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1432562, EPI_ISL_1432566, EPI_ISL_1432575, EPI_ISL_1432581, EPI_ISL_1432594, EPI_ISL_1432611	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1432613	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1432620, EPI_ISL_1432626	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1432639	SYNLAB MVZ Neustadt a. d. Weinstraße	Robert Koch Institute	unknown
EPI_ISL_1432641	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1432684	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1432690, EPI_ISL_1432694, EPI_ISL_1432722	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1432724	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1432729, EPI_ISL_1432735, EPI_ISL_1432740, EPI_ISL_1432748	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1432936	Labor Dr. Schumacher MVZ	Robert Koch Institute	unknown
EPI_ISL_1432939, EPI_ISL_1432954	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1432967	Labor Dr. Schumacher MVZ	Robert Koch Institute	unknown
EPI_ISL_1433023, EPI_ISL_1433059, EPI_ISL_1433064, EPI_ISL_1433069, EPI_ISL_1433086, EPI_ISL_1433101, EPI_ISL_1433115, EPI_ISL_1433139, EPI_ISL_1433151, EPI_ISL_1433155, EPI_ISL_1433156, EPI_ISL_1433186, EPI_ISL_1433198, EPI_ISL_1433212, EPI_ISL_1433221, EPI_ISL_1433236, EPI_ISL_1433245, EPI_ISL_1433247			
see above	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1433265	Labor Dr. Schumacher MVZ	Robert Koch Institute	unknown
EPI_ISL_1433305, EPI_ISL_1433308, EPI_ISL_1433309, EPI_ISL_1433321	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1433608	Limbach - MVZ Labor Eveld & Kollegen Essen	Robert Koch Institute	unknown
EPI_ISL_1433631	Labor MönchengladbachMVZ Dr. Stein + Kollegen GbR	Robert Koch Institute	unknown
EPI_ISL_1433638, EPI_ISL_1433646	Limbach - MVZ Labor Eveld & Kollegen Essen	Robert Koch Institute	unknown
EPI_ISL_1433670	Labor MönchengladbachMVZ Dr. Stein + Kollegen GbR	Robert Koch Institute	unknown
EPI_ISL_1433676	MVZ Labor Dr. Limbach & Kollegen GbR	Robert Koch Institute	unknown
EPI_ISL_1433799	CHU GRENOBLE	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1433820	CENTRE HOSPITALIER DU HAUT BUGEY	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_1433824	CHU ST ETIENNE HOPITAL NORD	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_1433834	CHU GRENOBLE	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1433837	CH CAHORS	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1433839, EPI_ISL_1433863, EPI_ISL_1433867	CHU GRENOBLE	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1433875, EPI_ISL_1433991	CHU ST ETIENNE HOPITAL NORD	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_1434017	CHU MONTAUBAN	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1434029	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_1434032	CHU MONTAUBAN	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1434203	CH METROPOLE SAVOIE	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1434520, EPI_ISL_1434524, EPI_ISL_1434530, EPI_ISL_1434532, EPI_ISL_1434534, EPI_ISL_1434538, EPI_ISL_1434570, EPI_ISL_1434574, EPI_ISL_1434576	MVZ Labor Krone GbR	Robert Koch Institute	unknown

EPI_ISL_1434631, EPI_ISL_1434663, EPI_ISL_1434676, EPI_ISL_1434733, EPI_ISL_1434769, EPI_ISL_1434777, EPI_ISL_1435001, EPI_ISL_1435029, EPI_ISL_1435159	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1435292, EPI_ISL_1435299, EPI_ISL_1435319, EPI_ISL_1435331	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1435344	Labor Lübeck bzw. Laborärztliche Gemeinschaftspraxis Lübeck	Robert Koch Institute	unknown
EPI_ISL_1435360	MVZ Dr. Eberhard & Partner Dortmund	Robert Koch Institute	unknown
EPI_ISL_1435406	Stiftung Krankenhaus Bethanien für die Grafschaft Moers	Robert Koch Institute	unknown
EPI_ISL_1435411	MVZ Dr. Eberhard & Partner Dortmund	Robert Koch Institute	unknown
EPI_ISL_1435413	Labor Lübeck bzw. Laborärztliche Gemeinschaftspraxis Lübeck	Robert Koch Institute	unknown
EPI_ISL_1435424	MVZ Dr. Eberhard & Partner Dortmund	Robert Koch Institute	unknown
EPI_ISL_1435430, EPI_ISL_1435436, EPI_ISL_1435444	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1435841	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1435842	IMD - MVZ Labor Martinsried	Robert Koch Institute	unknown
EPI_ISL_1435847	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1435848	IMD - MVZ Labor Martinsried	Robert Koch Institute	unknown
EPI_ISL_1435852, EPI_ISL_1435856, EPI_ISL_1435857	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1435858, EPI_ISL_1435864	IMD - Institut für Medizinische Diagnostik Berlin-Potsdam	Robert Koch Institute	unknown
EPI_ISL_1435866, EPI_ISL_1435867	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1435868	IMD - Institut für Medizinische Diagnostik Berlin-Potsdam	Robert Koch Institute	unknown
EPI_ISL_1435869	IMD - MVZ Labor Martinsried	Robert Koch Institute	unknown
EPI_ISL_1435875	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1435878, EPI_ISL_1435879	IMD - MVZ Labor Martinsried	Robert Koch Institute	unknown
EPI_ISL_1435880, EPI_ISL_1435883, EPI_ISL_1435885	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1435886	IMD - MVZ Labor Martinsried	Robert Koch Institute	unknown
EPI_ISL_1435887, EPI_ISL_1435889	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1435901	IMD - Institut für Medizinische Diagnostik Berlin-Potsdam	Robert Koch Institute	unknown
EPI_ISL_1435940	Universitätsklinikum Münster Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1436034, EPI_ISL_1436305	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1436621	amedes MVZ Hannover	Robert Koch Institute	unknown
EPI_ISL_1436640, EPI_ISL_1436703, EPI_ISL_1436704	amedes Göttingen	Robert Koch Institute	unknown
EPI_ISL_1436712	amedes Medizinisches Labor Mühlhausen	Robert Koch Institute	unknown
EPI_ISL_1436716	amedes MVZ DIAMEDIS Sennestadt	Robert Koch Institute	unknown
EPI_ISL_1436718	amedes Göttingen	Robert Koch Institute	unknown
EPI_ISL_1436719, EPI_ISL_1436724	amedes MVZ DIAMEDIS Sennestadt	Robert Koch Institute	unknown
EPI_ISL_1436729, EPI_ISL_1436731, EPI_ISL_1436736, EPI_ISL_1436738, EPI_ISL_1436740	amedes Göttingen	Robert Koch Institute	unknown
EPI_ISL_1436743	amedes MVZ DIAMEDIS Sennestadt	Robert Koch Institute	unknown
EPI_ISL_1436747, EPI_ISL_1436750	amedes Göttingen	Robert Koch Institute	unknown
EPI_ISL_1436753	amedes MVZ DIAMEDIS Sennestadt	Robert Koch Institute	unknown
EPI_ISL_1436756, EPI_ISL_1436760, EPI_ISL_1436763	amedes Göttingen	Robert Koch Institute	unknown
EPI_ISL_1436768	amedes MVZ Hannover	Robert Koch Institute	unknown
EPI_ISL_1436773	amedes Göttingen	Robert Koch Institute	unknown
EPI_ISL_1436805	amedes MVZ DIAMEDIS Sennestadt	Robert Koch Institute	unknown
EPI_ISL_1436819, EPI_ISL_1436821, EPI_ISL_1436826	Niedersächsisches Landesgesundheitsamt (NLGA)	Robert Koch Institute	unknown
EPI_ISL_1436868, EPI_ISL_1436886, EPI_ISL_1436888	Arlon	Plateforme de testing Namuroise	; Otto Gaetan ; Denis Olivier ; Degosserie Jonathan ; Mullier François
EPI_ISL_1437450, EPI_ISL_1437472, EPI_ISL_1437592	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1437688, EPI_ISL_1437722	Plateforme de testing Namuroise	Plateforme de testing Namuroise	; Otto Gaetan ; Denis Olivier ; Degosserie Jonathan ; Mullier François
EPI_ISL_1438584, EPI_ISL_1438610, EPI_ISL_1438617	MVZ Labor Dr. Limbach & Kollegen GbR	Robert Koch Institute	unknown
EPI_ISL_1438686, EPI_ISL_1438698, EPI_ISL_1438699, EPI_ISL_1438704, EPI_ISL_1438711, EPI_ISL_1438724, EPI_ISL_1438730, EPI_ISL_1438743, EPI_ISL_1438751, EPI_ISL_1438753, EPI_ISL_1438756, EPI_ISL_1438768			
see above	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1438772	Sonic - Bioscientia - MVZ Labor Saar GmbH	Robert Koch Institute	unknown

EPI_ISL_1438774, EPI_ISL_1438775, EPI_ISL_1438776, EPI_ISL_1438781	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1438799	ALB FILS KLINIKEN GmbH - Institut für Laboratoriumsmedizin Klinik am Eichert Göppingen	Robert Koch Institute	unknown
EPI_ISL_1438801, EPI_ISL_1438803	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1438815	ALB FILS KLINIKEN GmbH - Institut für Laboratoriumsmedizin Klinik am Eichert Göppingen	Robert Koch Institute	unknown
EPI_ISL_1438816, EPI_ISL_1438828, EPI_ISL_1438837, EPI_ISL_1438840, EPI_ISL_1438848, EPI_ISL_1438853, EPI_ISL_1438858	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1438861, EPI_ISL_1438870	Sonic - Bioscientia - MVZ Labor Saar GmbH	Robert Koch Institute	unknown
EPI_ISL_1438873, EPI_ISL_1438875, EPI_ISL_1438876, EPI_ISL_1438886, EPI_ISL_1438895, EPI_ISL_1438898	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1438900, EPI_ISL_1438904	Sonic - Bioscientia - MVZ Labor Saar GmbH	Robert Koch Institute	unknown
EPI_ISL_1438921	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1438929	ALB FILS KLINIKEN GmbH - Institut für Laboratoriumsmedizin Klinik am Eichert Göppingen	Robert Koch Institute	unknown
EPI_ISL_1438933, EPI_ISL_1438949, EPI_ISL_1438951, EPI_ISL_1438960, EPI_ISL_1438964, EPI_ISL_1438966, EPI_ISL_1438968	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1438974	ALB FILS KLINIKEN GmbH - Institut für Laboratoriumsmedizin Klinik am Eichert Göppingen	Robert Koch Institute	unknown
EPI_ISL_1438978, EPI_ISL_1438979	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1438985	ALB FILS KLINIKEN GmbH - Institut für Laboratoriumsmedizin Klinik am Eichert Göppingen	Robert Koch Institute	unknown
EPI_ISL_1438987, EPI_ISL_1438990, EPI_ISL_1438999, EPI_ISL_1439015	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1439019	Sonic - Bioscientia - MVZ Labor Saar GmbH	Robert Koch Institute	unknown
EPI_ISL_1439026, EPI_ISL_1439035, EPI_ISL_1439037, EPI_ISL_1439047, EPI_ISL_1439058, EPI_ISL_1439086, EPI_ISL_1439089, EPI_ISL_1439123, EPI_ISL_1439167, EPI_ISL_1439169, EPI_ISL_1439181, EPI_ISL_1439198, EPI_ISL_1439206			
see above	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1439218	Sonic - Bioscientia - MVZ Labor Saar GmbH	Robert Koch Institute	unknown
EPI_ISL_1439276, EPI_ISL_1439280, EPI_ISL_1439295, EPI_ISL_1439309, EPI_ISL_1439319, EPI_ISL_1439338	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1439344	Bioscientia MVZ Labor Karlsruhe GmbH	Robert Koch Institute	unknown
EPI_ISL_1439350, EPI_ISL_1439360	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1439369, EPI_ISL_1439371, EPI_ISL_1439381, EPI_ISL_1439384	Universitätsklinikum Bonn - Institut für Medizinische Mikrobiologie Immunologie und Parasitologie + Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1439459, EPI_ISL_1439461, EPI_ISL_1439463, EPI_ISL_1439465, EPI_ISL_1439467, EPI_ISL_1439473, EPI_ISL_1439476, EPI_ISL_1439477	Plateforme de testing Namuroise	Plateforme de testing Namuroise	; Otto Gaetan ; Denis Olivier ; Degosserie Jonathan ; Mullier François
EPI_ISL_1439521	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1439875	IMD - Medizinisches Labor Rostock	Robert Koch Institute	unknown
EPI_ISL_1439901, EPI_ISL_1439907, EPI_ISL_1439912, EPI_ISL_1439917, EPI_ISL_1439919, EPI_ISL_1439921, EPI_ISL_1439925, EPI_ISL_1439926, EPI_ISL_1439930, EPI_ISL_1439941, EPI_ISL_1439947, EPI_ISL_1439950, EPI_ISL_1439954, EPI_ISL_1439960, EPI_ISL_1439963, EPI_ISL_1439965, EPI_ISL_1439967, EPI_ISL_1439968, EPI_ISL_1439973, EPI_ISL_1439978, EPI_ISL_1439989			
see above	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1439999	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1440001, EPI_ISL_1440007, EPI_ISL_1440009, EPI_ISL_1440011, EPI_ISL_1440013, EPI_ISL_1440016, EPI_ISL_1440021, EPI_ISL_1440023, EPI_ISL_1440046, EPI_ISL_1440051, EPI_ISL_1440052, EPI_ISL_1440053, EPI_ISL_1440055, EPI_ISL_1440057, EPI_ISL_1440060, EPI_ISL_1440064, EPI_ISL_1440065, EPI_ISL_1440071, EPI_ISL_1440086, EPI_ISL_1440095, EPI_ISL_1440098, EPI_ISL_1440103, EPI_ISL_1440132, EPI_ISL_1440152, EPI_ISL_1440155, EPI_ISL_1440156, EPI_ISL_1440162, EPI_ISL_1440165, EPI_ISL_1440177, EPI_ISL_1440197			
see above	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1440232	KEMRI-Wellcome Trust Research Programme,Kilifi	KEMRI-Wellcome Trust Research Programme,Kilifi	Githinji G.,Mohamed K.S.,deLaurent Z.,Mburu M.W.
EPI_ISL_1440241	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1440252, EPI_ISL_1440254	KEMRI-Wellcome Trust Research Programme,Kilifi	KEMRI-Wellcome Trust Research Programme,Kilifi	Githinji G.,Mohamed K.S.,deLaurent Z.,Mburu M.W.
EPI_ISL_1440258	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1440260	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1440589	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1440591	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1440592	SYNLAB MVZ Neustadt a. d. Weinstraße	Robert Koch Institute	unknown
EPI_ISL_1440606	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1440608, EPI_ISL_1440618, EPI_ISL_1440633, EPI_ISL_1440640, EPI_ISL_1440643, EPI_ISL_1440646	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown

EPI_ISL_1440665, EPI_ISL_1440680	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1440681	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1440684, EPI_ISL_1440692, EPI_ISL_1440723	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1440892	MVZ Labor Krone GbR	Robert Koch Institute	unknown
EPI_ISL_1440951, EPI_ISL_1440953, EPI_ISL_1440954	Limbach - Ganzimmun Diagnostics AG Mainz	Robert Koch Institute	unknown
EPI_ISL_1440969, EPI_ISL_1440971, EPI_ISL_1440973, EPI_ISL_1440975, EPI_ISL_1440976, EPI_ISL_1440977, EPI_ISL_1440984, EPI_ISL_1440991, EPI_ISL_1440995, EPI_ISL_1441001, EPI_ISL_1441002, EPI_ISL_1441005, EPI_ISL_1441006, EPI_ISL_1441010, EPI_ISL_1441012, EPI_ISL_1441013, EPI_ISL_1441015, EPI_ISL_1441021, EPI_ISL_1441027, EPI_ISL_1441029, EPI_ISL_1441032, EPI_ISL_1441033, EPI_ISL_1441034, EPI_ISL_1441038, EPI_ISL_1441039, EPI_ISL_1441043, EPI_ISL_1441046, EPI_ISL_1441048, EPI_ISL_1441050, EPI_ISL_1441051, EPI_ISL_1441055, EPI_ISL_1441056, EPI_ISL_1441062, EPI_ISL_1441063, EPI_ISL_1441065, EPI_ISL_1441068, EPI_ISL_1441073, EPI_ISL_1441077, EPI_ISL_1441078, EPI_ISL_1441090, EPI_ISL_1441093, EPI_ISL_1441096, EPI_ISL_1441101, EPI_ISL_1441102, EPI_ISL_1441103, EPI_ISL_1441106, EPI_ISL_1441109, EPI_ISL_1441114, EPI_ISL_1441116, EPI_ISL_1441139, EPI_ISL_1441141, EPI_ISL_1441145, EPI_ISL_1441150, EPI_ISL_1441151, EPI_ISL_1441152, EPI_ISL_1441153, EPI_ISL_1441156			
see above	Diagnosticum - Labor Neukirchen	Robert Koch Institute	unknown
EPI_ISL_1441202	MVZ Labor Dortmund	Robert Koch Institute	unknown
EPI_ISL_1441651, EPI_ISL_1441653, EPI_ISL_1441681	Limbach - MVZ Labor Eveld & Kollegen Essen	Robert Koch Institute	unknown
EPI_ISL_1441935, EPI_ISL_1441937, EPI_ISL_1441938, EPI_ISL_1441940, EPI_ISL_1441941, EPI_ISL_1441944, EPI_ISL_1441945, EPI_ISL_1441947, EPI_ISL_1441951, EPI_ISL_1441952, EPI_ISL_1441953, EPI_ISL_1441956, EPI_ISL_1441957, EPI_ISL_1441958, EPI_ISL_1441963, EPI_ISL_1441965, EPI_ISL_1441966, EPI_ISL_1441969, EPI_ISL_1441970, EPI_ISL_1441971, EPI_ISL_1441976, EPI_ISL_1441978, EPI_ISL_1441981, EPI_ISL_1441984, EPI_ISL_1441985, EPI_ISL_1441986, EPI_ISL_1441988			
see above	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1442368	SYNLAB MVZ Bonn	Robert Koch Institute	unknown
EPI_ISL_1442369, EPI_ISL_1442370	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1442371	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1442372, EPI_ISL_1442373	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1442374, EPI_ISL_1442376, EPI_ISL_1442381	SYNLAB MVZ Bonn	Robert Koch Institute	unknown
EPI_ISL_1442386, EPI_ISL_1442387, EPI_ISL_1442390, EPI_ISL_1442391	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1442393	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1442394, EPI_ISL_1442395, EPI_ISL_1442396	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1442397	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1442398, EPI_ISL_1442399, EPI_ISL_1442400	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1442403	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1442404	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1442405	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1442407, EPI_ISL_1442410	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1442412	SYNLAB MVZ Hamburg	Robert Koch Institute	unknown
EPI_ISL_1442413, EPI_ISL_1442416, EPI_ISL_1442417, EPI_ISL_1442422	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1442423, EPI_ISL_1442425	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1442427, EPI_ISL_1442429	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1442432	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1442434	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1442435	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1442436, EPI_ISL_1442444	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1442446	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1442449	SYNLAB MVZ Bonn	Robert Koch Institute	unknown
EPI_ISL_1442454	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1442456	SYNLAB MVZ Bonn	Robert Koch Institute	unknown
EPI_ISL_1442457, EPI_ISL_1442458, EPI_ISL_1442459, EPI_ISL_1442461	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1442463	SYNLAB MVZ Hamburg	Robert Koch Institute	unknown
EPI_ISL_1442465	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1442467, EPI_ISL_1442468, EPI_ISL_1442472	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1442474, EPI_ISL_1442478, EPI_ISL_1442482, EPI_ISL_1442484	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1442486	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1443089, EPI_ISL_1443090, EPI_ISL_1443091, EPI_ISL_1443151, EPI_ISL_1443152	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_1443201	OSF St Francis Medical Center	Illinois Department of Public Health - Springfield Lab	Bryan Sim, Gordon McCall
EPI_ISL_1443220	Springfield Clinic Laboratory	Illinois Department of Public Health - Springfield Lab	Bryan Sim, Gordon McCall
EPI_ISL_1443222	Katherine Shaw Bethea Hospital	Illinois Department of Public Health - Springfield Lab	Bryan Sim, Gordon McCall

EPI_ISL_1443239, EPI_ISL_1443242, EPI_ISL_1443243, EPI_ISL_1443244	Unity Point Methodist Hospital	Illinois Department of Public Health - Springfield Lab	Bryan Sim, Gordon McCall
EPI_ISL_1443281	Sarah Busch Lincoln Health Center	Illinois Department of Public Health - Springfield Lab	Bryan Sim, Gordon McCall
EPI_ISL_1443442	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_1443897, EPI_ISL_1443898, EPI_ISL_1443899, EPI_ISL_1443900	Hospital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Frédéric Lemoine, Corinne Maufrais, Gael Millot, Christophe Malabat, Méline Bizard, Angela Brisebarre, Camille Capel, Louise Lefrançois, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Mj Dufour
EPI_ISL_1444118, EPI_ISL_1444119	Instituto Nacional de Saude (INSA) and i3S - Instituto de Investiga��o e Inova��o em Sa��de	Instituto Nacional de Saude (INSA) and i3S - Instituto de Investiga��o e Inova��o em Sa��de	Borges et al
EPI_ISL_1444921	Erie County Public Health (ECPHL)	University at Buffalo Genomics and Bioinformatics Core	Jonathan Bard, Natalie Lamb, Alyssa Pohlman, Brandon Marzullo, Amanda Boccolucci, Norma Nowak, Donald Yergeau, Jennifer Surtees
EPI_ISL_1445022, EPI_ISL_1445023, EPI_ISL_1445034, EPI_ISL_1445037, EPI_ISL_1445038, EPI_ISL_1445039, EPI_ISL_1445040	Virginia Division of Consolidated Laboratory Services	Virginia Division of Consolidated Laboratory Services	Virginia DCLS
EPI_ISL_1445185	PRONTO ATENDIMENTO SAO JOSE	Instituto Butantan / Mendelics	Dimas Tadeu Covas, Sandra Coccuzzo Sampaio, Maria Carolina Elias, Jos�� Salvatore Leister Patan��, Vincent Louis Viala, Antonio Jorge Martins, Ricardo Haddad, Claudia Renata dos Santos Barros, Elaine Cristina Marqueze, Raul Machado Neto, Debora Botequio Moretti, Bibiana Santos, Jo��o Paulo Kitajima, Erika Freitas, David Schlesinger, Simone Kashima, Evandra Strazza Rodrigues, Svetoslav Nanev Slavov, Elaine Vieira dos Santos, Rafael dos Santos Bezerra, Luiz Carlos Junior de Alcantara, Marta Giovanetti, Vagner Fonseca, Flavia Aburjaile, Rodrigo Tocantins Calado.
EPI_ISL_1445186	PRONTO ATENDIMENTO VILA PADRE ANCHIETA	Instituto Butantan / Mendelics	Dimas Tadeu Covas, Sandra Coccuzzo Sampaio, Maria Carolina Elias, Jos�� Salvatore Leister Patan��, Vincent Louis Viala, Antonio Jorge Martins, Ricardo Haddad, Claudia Renata dos Santos Barros, Elaine Cristina Marqueze, Raul Machado Neto, Debora Botequio Moretti, Bibiana Santos, Jo��o Paulo Kitajima, Erika Freitas, David Schlesinger, Simone Kashima, Evandra Strazza Rodrigues, Svetoslav Nanev Slavov, Elaine Vieira dos Santos, Rafael dos Santos Bezerra, Luiz Carlos Junior de Alcantara, Marta Giovanetti, Vagner Fonseca, Flavia Aburjaile, Rodrigo Tocantins Calado.
EPI_ISL_1445199	CENTRO DE SAUDE III SALES OLIVEIRA	Instituto Butantan / Mendelics	Dimas Tadeu Covas, Sandra Coccuzzo Sampaio, Maria Carolina Elias, Jos�� Salvatore Leister Patan��, Vincent Louis Viala, Antonio Jorge Martins, Ricardo Haddad, Claudia Renata dos Santos Barros, Elaine Cristina Marqueze, Raul Machado Neto, Debora Botequio Moretti, Bibiana Santos, Jo��o Paulo Kitajima, Erika Freitas, David Schlesinger, Simone Kashima, Evandra Strazza Rodrigues, Svetoslav Nanev Slavov, Elaine Vieira dos Santos, Rafael dos Santos Bezerra, Luiz Carlos Junior de Alcantara, Marta Giovanetti, Vagner Fonseca, Flavia Aburjaile, Rodrigo Tocantins Calado.
EPI_ISL_1445222	UBS HELENA MARREY	Instituto Butantan / Mendelics	Dimas Tadeu Covas, Sandra Coccuzzo Sampaio, Maria Carolina Elias, Jos�� Salvatore Leister Patan��, Vincent Louis Viala, Antonio Jorge Martins, Ricardo Haddad, Claudia Renata dos Santos Barros, Elaine Cristina Marqueze, Raul Machado Neto, Debora Botequio Moretti, Bibiana Santos, Jo��o Paulo Kitajima, Erika Freitas, David Schlesinger, Simone Kashima, Evandra Strazza Rodrigues, Svetoslav Nanev Slavov, Elaine Vieira dos Santos, Rafael dos Santos Bezerra, Luiz Carlos Junior de Alcantara, Marta Giovanetti, Vagner Fonseca, Flavia Aburjaile, Rodrigo Tocantins Calado.
EPI_ISL_1446210, EPI_ISL_1446211, EPI_ISL_1446212	Texas Children's Hospital	Texas Children's Microbiome Center	Ruth Ann Luna, Jennifer K. Spinler, James Dunn, James Versalovic, Ila Singh
EPI_ISL_1447111	OCME Office Of Chief Medical Examiner	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1447657	Yale Clinical Virology Lab	Grubaugh Lab - Yale School of Public Health	Joseph Fauver, Mallery Breban, Isabel Ott, Tara Alpert, Mary Petrone, Anderson Brito, Chantal Vogels, Annie Watkins, Chaney Kalinich, Jessica Rothman, Marie L. Landry, Nathan Grubaugh
EPI_ISL_1447673, EPI_ISL_1447675	Grubaugh Lab - Yale School of Public Health	Grubaugh Lab - Yale School of Public Health	Joseph Fauver, Mallery Breban, Isabel Ott, Tara Alpert, Mary Petrone, Anderson Brito, Chantal Vogels, Annie Watkins, Chaney Kalinich, Jessica Rothman, Nathan Grubaugh
EPI_ISL_1448058, EPI_ISL_1448068, EPI_ISL_1448072, EPI_ISL_1448075, EPI_ISL_1448076, EPI_ISL_1448077, EPI_ISL_1448078, EPI_ISL_1448085, EPI_ISL_1448088, EPI_ISL_1448090, EPI_ISL_1448094, EPI_ISL_1448097, EPI_ISL_1448100, EPI_ISL_1448103, EPI_ISL_1448105, EPI_ISL_1448110, EPI_ISL_1448112, EPI_ISL_1448119, EPI_ISL_1448121, EPI_ISL_1448143, EPI_ISL_1448146, EPI_ISL_1448168, EPI_ISL_1448312, EPI_ISL_1448313, EPI_ISL_1448315, EPI_ISL_1448316, EPI_ISL_1448349	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Shah Mohamed Bakhsh, Michelle Lin, Noah R. Baker, Sean Ellis, Saraswathi Sathees, Meei-Li Huang, Keith R Jerome, Alexander Greninger
see above	UW Virology Lab	UW Virology Lab	
EPI_ISL_1448459, EPI_ISL_1448460, EPI_ISL_1448461, EPI_ISL_1448482, EPI_ISL_1448489, EPI_ISL_1448491, EPI_ISL_1448499, EPI_ISL_1448504, EPI_ISL_1448508	CHUGA-IBP-laboratoire de Virologie	IBP-laboratoire de virologie	Sylvie Larrat, Patrice Morand, Pascal Poignard, Rapha��l Germi, Julien Lupo, Anne Signori -Schmuck , Anne-Karen Faure, Benjamin Nemoz, Aur��lie Truffot, L��a Ponderand, Julien Andr��ani
EPI_ISL_1448537	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 Peg��ot, Melyssa Elies, Deborah Penet, Keith Harshman, Ioannis Xenarios, Emmanouil Dermitzakis
EPI_ISL_1454185	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_1454678, EPI_ISL_1454725, EPI_ISL_1454765, EPI_ISL_1454768, EPI_ISL_1454777, EPI_ISL_1454794, EPI_ISL_1454803, EPI_ISL_1454809, EPI_ISL_1454814, EPI_ISL_1454829, EPI_ISL_1454830, EPI_ISL_1454838, EPI_ISL_1454868, EPI_ISL_1454901, EPI_ISL_1454922, EPI_ISL_1455015, EPI_ISL_1455050, EPI_ISL_1455219, EPI_ISL_1455239, EPI_ISL_1455245, EPI_ISL_1455252, EPI_ISL_1455253, EPI_ISL_1455254, EPI_ISL_1455259, EPI_ISL_1455260, EPI_ISL_1455261, EPI_ISL_1455264, EPI_ISL_1455269, EPI_ISL_1455271, EPI_ISL_1455285, EPI_ISL_1455290, EPI_ISL_1455292, EPI_ISL_1455296, EPI_ISL_1455297, EPI_ISL_1455303, EPI_ISL_1455304, EPI_ISL_1455307, EPI_ISL_1455308, EPI_ISL_1455309, EPI_ISL_1455310, EPI_ISL_1455328, EPI_ISL_1455336, EPI_ISL_1455338, EPI_ISL_1455347, EPI_ISL_1455348, EPI_ISL_1455353, EPI_ISL_1455360, EPI_ISL_1455366, EPI_ISL_1455366, EPI_ISL_1455366, EPI_ISL_1455377, EPI_ISL_1455392, EPI_ISL_1455393, EPI_ISL_1455406, EPI_ISL_1455408, EPI_ISL_1455412, EPI_ISL_1455415, EPI_ISL_1455420, EPI_ISL_1455426, EPI_ISL_1455430, EPI_ISL_1455436, EPI_ISL_1455443, EPI_ISL_1455448, EPI_ISL_1455463, EPI_ISL_1455465, EPI_ISL_1455466, EPI_ISL_1455468, EPI_ISL_1455473, EPI_ISL_1455475, EPI_ISL_1455477, EPI_ISL_1455478, EPI_ISL_1455479, EPI_ISL_1455485, EPI_ISL_1455487, EPI_ISL_1455488, EPI_ISL_1455497, EPI_ISL_1455522, EPI_ISL_1455535, EPI_ISL_1455539, EPI_ISL_1455540, EPI_ISL_1455542, EPI_ISL_1455543, EPI_ISL_1455544, EPI_ISL_1455545, EPI_ISL_1455547, EPI_ISL_1455548, EPI_ISL_1455549, EPI_ISL_1455550, EPI_ISL_1455551, EPI_ISL_1455553, EPI_ISL_1455557, EPI_ISL_1455561, EPI_ISL_1455563, EPI_ISL_1455564	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	
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_1455568, EPI_ISL_1455570	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_1455576, EPI_ISL_1455579	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_1455612	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_1455615, EPI_ISL_1455617	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_1455619, EPI_ISL_1455624	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_1455625	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_1455628, EPI_ISL_1455629	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_1455631, EPI_ISL_1455632	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_1455633, EPI_ISL_1455634, EPI_ISL_1455635, EPI_ISL_1455636	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_1455638, EPI_ISL_1455640, EPI_ISL_1455642, EPI_ISL_1455643, EPI_ISL_1455644	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_1455662	Platform BIS UZA/UAntwerpen	UAntwerp, Laboratory of Medical Microbiology	Basil Britto Xavier, Jasmine Coppens, Marie Le Mercier, Christine Lammens, Veerle Matheeußen, Herman Goossens	
EPI_ISL_1455670	Marius Nasta Institute of Pneumology	*Stefan S. Nicolau*Institute of Virology	Anca Botezatu, Iulia Virginia Iancu, Coralia Bleotu, Mihaela Economescu, Laura Necula, Denisa Dragu, Lilia Matei, Ioana Pitica, Marinela Bostan, Mirela Mihaila, Laura Grecu, Camelia Sultana, Simona Ruta, Ana Iulia Neagu, Adriana Plesa, Saviana Nedeianu, Alina Nastasie, Cristina Mambet, Gabriela Anton, Tudor Constantinescu, Carmen Cristina Diaconu	
EPI_ISL_1455683, EPI_ISL_1455690, EPI_ISL_1455806, EPI_ISL_1455809, EPI_ISL_1455811, EPI_ISL_1455814, EPI_ISL_1455815, EPI_ISL_1455819, EPI_ISL_1455820, EPI_ISL_1455821, EPI_ISL_1455822, EPI_ISL_1455823, EPI_ISL_1455824, EPI_ISL_1455825, EPI_ISL_1455826, EPI_ISL_1455828, EPI_ISL_1455829, EPI_ISL_1455836, EPI_ISL_1455837, EPI_ISL_1455838, EPI_ISL_1455843, EPI_ISL_1455844, EPI_ISL_1455846, EPI_ISL_1455847, EPI_ISL_1455849, EPI_ISL_1455851, EPI_ISL_1455852, EPI_ISL_1455853, EPI_ISL_1455856, EPI_ISL_1455857, EPI_ISL_1455858, EPI_ISL_1455883, EPI_ISL_1455886, EPI_ISL_1455889, EPI_ISL_1455896, EPI_ISL_1455928, EPI_ISL_1455931, EPI_ISL_1455946, EPI_ISL_1455960, EPI_ISL_1455968, EPI_ISL_1455984, EPI_ISL_1455987, EPI_ISL_1456138, EPI_ISL_1456143, EPI_ISL_1456144, EPI_ISL_1456145, EPI_ISL_1456149, EPI_ISL_1456151, EPI_ISL_1456152, EPI_ISL_1456153, EPI_ISL_1456159, EPI_ISL_1456160, EPI_ISL_1456166, EPI_ISL_1456167, EPI_ISL_1456168, EPI_ISL_1456169, EPI_ISL_1456170, EPI_ISL_1456175, EPI_ISL_1456176, EPI_ISL_1456177, EPI_ISL_1456178, EPI_ISL_1456181, EPI_ISL_1456182, EPI_ISL_1456183, EPI_ISL_1456187, EPI_ISL_1456188, EPI_ISL_1456198, EPI_ISL_1456211, EPI_ISL_1456221, EPI_ISL_1456228, EPI_ISL_1456229, EPI_ISL_1456230, EPI_ISL_1456237, EPI_ISL_1456238, EPI_ISL_1456239, EPI_ISL_1456244, EPI_ISL_1456245, EPI_ISL_1456252, EPI_ISL_1456253, EPI_ISL_1456263, EPI_ISL_1456265, EPI_ISL_1456267, EPI_ISL_1456268, EPI_ISL_1456296, EPI_ISL_1456300, EPI_ISL_1456309, EPI_ISL_1456324, EPI_ISL_1456342, EPI_ISL_1456411, EPI_ISL_1456412, EPI_ISL_1456415, EPI_ISL_1456453, EPI_ISL_1456457, EPI_ISL_1456458, EPI_ISL_1456459, EPI_ISL_1456467, EPI_ISL_1456468, EPI_ISL_1456471, EPI_ISL_1456473, EPI_ISL_1456474, EPI_ISL_1456477, EPI_ISL_1456484, EPI_ISL_1456486, EPI_ISL_1456489, EPI_ISL_1456489, EPI_ISL_1456505, EPI_ISL_1456508, EPI_ISL_1456526, EPI_ISL_1456528, EPI_ISL_1456543, EPI_ISL_1456545, EPI_ISL_1456546, EPI_ISL_1456549, EPI_ISL_1456550, EPI_ISL_1456551, EPI_ISL_1456552, EPI_ISL_1456554, EPI_ISL_1456556, EPI_ISL_1456559, EPI_ISL_1456570, EPI_ISL_1456624, EPI_ISL_1456626, EPI_ISL_1456687, EPI_ISL_1456695, EPI_ISL_1456857, EPI_ISL_1456858, EPI_ISL_1456867, EPI_ISL_1456868, EPI_ISL_1456869, EPI_ISL_1456871, EPI_ISL_1456872, EPI_ISL_1456874, EPI_ISL_1456875, EPI_ISL_1456878, EPI_ISL_1456879, EPI_ISL_1456883, EPI_ISL_1456884, EPI_ISL_1456885, EPI_ISL_1456886, EPI_ISL_1456887, EPI_ISL_1456888, EPI_ISL_1456889, EPI_ISL_1456892, EPI_ISL_1456893, EPI_ISL_1456896, EPI_ISL_1456897, EPI_ISL_1456898, EPI_ISL_1456903, EPI_ISL_1456904, EPI_ISL_1456906, EPI_ISL_1456907, EPI_ISL_1456908, EPI_ISL_1456910, EPI_ISL_1456913, EPI_ISL_1456915, EPI_ISL_1456917, EPI_ISL_1456919	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, Lisa Wijsman, Kim Freriks, Rianne Jaarsma, Eunice Then, Jolienke Hardeman, Lynn Aarts, Sanne Bos, Melissa van Tuil, Robert Kohl, Linda van de Nes, Sjoerd Kulling, James Groot, Florian Zwagemaker, Dennis Schmitz, Annelies Kroneman, Karim Hajji, Chantal Reusken, on behalf of the national COVID-19 response team
EPI_ISL_1457126	*Stefan S. Nicolau*Institute of Virology	*Stefan S. Nicolau*Institute of Virology	Anca Botezatu, Iulia Virginia Iancu, Coralia Bleotu, Mihaela Economescu, Laura Necula, Denisa Dragu, Lilia Matei, Ioana Pitica, Marinela Bostan, Mirela Mihaila, Laura Grecu, Camelia Sultana, Simona Ruta, Ana Iulia Neagu, Adriana Plesa, Saviana Nedeianu, Alina Nastasie, Cristina Mambet, Gabriela Anton, Carmen Cristina Diaconu	
EPI_ISL_1457127, EPI_ISL_1457129, EPI_ISL_1457138, EPI_ISL_1457142, EPI_ISL_1457150, EPI_ISL_1457155, EPI_ISL_1457162, EPI_ISL_1457175, EPI_ISL_1457180, EPI_ISL_1457182, EPI_ISL_1457187, EPI_ISL_1457192, EPI_ISL_1457198, EPI_ISL_1457199, EPI_ISL_1457239, EPI_ISL_1457240, EPI_ISL_1457242, EPI_ISL_1457244, EPI_ISL_1457248, EPI_ISL_1457249, EPI_ISL_1457252, EPI_ISL_1457253, EPI_ISL_1457256, EPI_ISL_1457259, EPI_ISL_1457265, EPI_ISL_1457271, EPI_ISL_1457272, EPI_ISL_1457330, EPI_ISL_1457331, EPI_ISL_1457332, EPI_ISL_1457336, EPI_ISL_1457341, EPI_ISL_1457343, EPI_ISL_1457347, EPI_ISL_1457350, EPI_ISL_1457355, EPI_ISL_1457362, EPI_ISL_1457363, EPI_ISL_1457366, EPI_ISL_1457373, EPI_ISL_1457379, EPI_ISL_1457388, EPI_ISL_1457390, EPI_ISL_1457394, EPI_ISL_1457397, EPI_ISL_1457413, EPI_ISL_1457420, EPI_ISL_1457426, EPI_ISL_1457447, EPI_ISL_1457450, EPI_ISL_1457451, EPI_ISL_1457453, EPI_ISL_1457457, EPI_ISL_1457475, EPI_ISL_1457478, EPI_ISL_1457479, EPI_ISL_1457495, EPI_ISL_1457523, EPI_ISL_1457533, EPI_ISL_1457610	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, Lisa Wijsman, Kim Freriks, Rianne Jaarsma, Eunice Then, Jolienke Hardeman, Lynn Aarts, Sanne Bos, Melissa van Tuil, Robert Kohl, Linda van de Nes, Sjoerd Kulling, James Groot, Florian Zwagemaker, Dennis Schmitz, Annelies Kroneman, Karim Hajji, Chantal Reusken, on behalf of the national COVID-19 response team
EPI_ISL_1461008	CENTRE HOSPITALIER ST JOSEPH ST LUC	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset	
EPI_ISL_1461191, EPI_ISL_1461192, EPI_ISL_1461193, EPI_ISL_1461194	CHU POITIERS	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_1462546	SUNY UPSTATE MEDICAL UNIVERSITY	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russell, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Catharine Prussing, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist	
EPI_ISL_1462556, EPI_ISL_1462603, EPI_ISL_1462607, EPI_ISL_1462615, EPI_ISL_1462621	NORTHWELL HEALTH LABORATORIES	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russell, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Catharine Prussing, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist	
EPI_ISL_1463451, EPI_ISL_1463452, EPI_ISL_1463453, EPI_ISL_1463454, EPI_ISL_1463455, EPI_ISL_1463457, EPI_ISL_1463458, EPI_ISL_1463459, EPI_ISL_1463460, EPI_ISL_1463461, EPI_ISL_1463462, EPI_ISL_1463463, EPI_ISL_1463464, EPI_ISL_1463465, EPI_ISL_1463466	see above	Labo Analyses Med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Frédéric Lemoine, Corinne Maufrais, Christophe Malabat, Méline Bizard, Angela Brisebarre, Camille Capel, Louise Lefrançois, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Nabil Gastli
EPI_ISL_1463467	Labo Analyses Med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Frédéric Lemoine, Corinne Maufrais, Christophe Malabat, Adrien Pain, Méline Bizard, Angela Brisebarre, Camille Capel, Louise Lefrançois, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Nabil Gastli	
EPI_ISL_1463468, EPI_ISL_1463470, EPI_ISL_1463471	Labo Analyses Med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Frédéric Lemoine, Corinne Maufrais, Christophe Malabat, Méline Bizard, Angela Brisebarre, Camille Capel, Louise Lefrançois, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Nabil Gastli	
EPI_ISL_1463473	Labo Analyses Med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Frédéric Lemoine, Corinne Maufrais, Christophe Malabat, Amaury Vaysse, Méline Bizard, Angela Brisebarre, Camille Capel, Louise Lefrançois, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Nabil Gastli	
EPI_ISL_1463474, EPI_ISL_1463475, EPI_ISL_1463476	Labo Analyses Med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Frédéric Lemoine, Corinne Maufrais, Christophe Malabat, Méline Bizard, Angela Brisebarre, Camille Capel, Louise Lefrançois, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Nabil Gastli	
EPI_ISL_1463477, EPI_ISL_1463478	Labo Analyses Med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Frédéric Lemoine, Corinne Maufrais, Christophe Malabat, Amaury Vaysse, Méline Bizard, Angela Brisebarre, Camille Capel, Louise Lefrançois, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Nabil Gastli	
EPI_ISL_1463479	Labo Analyses Med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Frédéric Lemoine, Corinne Maufrais, Christophe Malabat, Adrien Pain, Méline Bizard, Angela Brisebarre, Camille Capel, Louise Lefrançois, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Nabil Gastli	
EPI_ISL_1463480, EPI_ISL_1463481	Labo Analyses Med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Frédéric Lemoine, Corinne Maufrais, Christophe Malabat, Méline Bizard, Angela Brisebarre, Camille Capel, Louise Lefrançois, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Nabil Gastli	
EPI_ISL_1463482	Labo Analyses Med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Frédéric Lemoine, Corinne Maufrais, Christophe Malabat, Amaury Vaysse, Méline Bizard, Angela Brisebarre, Camille Capel, Louise Lefrançois, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Nabil Gastli	
EPI_ISL_1463483, EPI_ISL_1463484, EPI_ISL_1463485	Labo Analyses Med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Frédéric Lemoine, Corinne Maufrais, Christophe Malabat, Méline Bizard, Angela Brisebarre, Camille Capel, Louise Lefrançois, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Nabil Gastli	
EPI_ISL_1463486	Labo Analyses Med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Frédéric Lemoine, Corinne Maufrais, Christophe Malabat, Amaury Vaysse, Méline Bizard, Angela Brisebarre, Camille Capel, Louise Lefrançois, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Nabil Gastli	
EPI_ISL_1463487, EPI_ISL_1463488, EPI_ISL_1463490, EPI_ISL_1463491, EPI_ISL_1463495, EPI_ISL_1463515	Labo Analyses Med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Frédéric Lemoine, Corinne Maufrais, Christophe Malabat, Méline Bizard, Angela Brisebarre, Camille Capel, Louise Lefrançois, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Nabil Gastli	

EPI_ISL_1463516	Labo Analyses Med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil,Frédéric Lemoine,Corinne Maufrais,Christophe Malabat,Adrien Pain, Méline Bizard, Angela Brisebarre, Camille Capel, Louise Lefrançois, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Nabil Gastli
EPI_ISL_1463517, EPI_ISL_1463519	Labo Analyses Med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil,Frédéric Lemoine,Corinne Maufrais,Christophe Malabat, Méline Bizard, Angela Brisebarre, Camille Capel, Louise Lefrançois, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Nabil Gastli
EPI_ISL_1464596	University Medical Center Hamburg Eppendorf	Heinrich Pette Institute, Leibniz Institute for Experimental Virology	Alexis Robitaille, Thomas Günther, Johannes Knobloch, Martin Aepfelbacher, Nicole Fischer, Adam Grundhoff
EPI_ISL_1464620	INMI Lazzaro Spallanzani IRCCS	INMI Lazzaro Spallanzani IRCCS	B Bartolini, E Giombini, F Messina, M Rueca, G Bonfiglio, O Butera, CEM Gruber, F Santini, A Di Caro, MR Capobianchi