

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](http://www.gisaid.org)

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EPI_ISL_1256914, EPI_ISL_1256915, EPI_ISL_1256916, EPI_ISL_1256917, EPI_ISL_1256919	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_1256920, EPI_ISL_1256921	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_1256922	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_1256923	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_1256924	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_1256925	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_1256926, EPI_ISL_1256927, EPI_ISL_1256928	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_1256929	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_1256930	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_1256933, EPI_ISL_1256934	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_1256935, EPI_ISL_1256936	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_1256937	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_1256938, EPI_ISL_1256940	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_1256941, EPI_ISL_1256942, EPI_ISL_1257367, EPI_ISL_1257368, EPI_ISL_1257376, EPI_ISL_1257380, EPI_ISL_1257383, EPI_ISL_1257384, EPI_ISL_1257386, EPI_ISL_1257387, EPI_ISL_1257394, EPI_ISL_1257397, EPI_ISL_1257401, EPI_ISL_1257406, EPI_ISL_1257407, EPI_ISL_1257409, EPI_ISL_1257411, EPI_ISL_1257412, EPI_ISL_1257415			
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_1258433	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_1258473, EPI_ISL_1258478, EPI_ISL_1258483, EPI_ISL_1258488, EPI_ISL_1258493, EPI_ISL_1258495, EPI_ISL_1258510, EPI_ISL_1258512, EPI_ISL_1258533, EPI_ISL_1258552, EPI_ISL_1258555, EPI_ISL_1258561, EPI_ISL_1258562, EPI_ISL_1258569, EPI_ISL_1258570, EPI_ISL_1258571, EPI_ISL_1258572, EPI_ISL_1258573, EPI_ISL_1258574, EPI_ISL_1258575, EPI_ISL_1258576, EPI_ISL_1258577, EPI_ISL_1258578, EPI_ISL_1258579, EPI_ISL_1258580, EPI_ISL_1258581, EPI_ISL_1258582, EPI_ISL_1258601, EPI_ISL_1258602, EPI_ISL_1258603, EPI_ISL_1258604, EPI_ISL_1258605, EPI_ISL_1258606, EPI_ISL_1258607, EPI_ISL_1258608, EPI_ISL_1258609, EPI_ISL_1258610, EPI_ISL_1258611, EPI_ISL_1258612, EPI_ISL_1258613, EPI_ISL_1258614, EPI_ISL_1258615, EPI_ISL_1258631, EPI_ISL_1258633, EPI_ISL_1258650, EPI_ISL_1258663, EPI_ISL_1258666			
see above	Pandemic Response Lab - NYC	Pandemic Response Lab, R&D	Henry Lee, Michael Hammerling, Melissa Hopkins, Cybill del Castillo, Shinyoung Clair Kang, William Ward, Pradeep Bugga, Haiping Hao, Jon Laurent
EPI_ISL_1259231	Platform BIS UZA/UAntwerpen	UAntwerp, Laboratory of Medical Microbiology	Basil Britto Xavier, Jasmine Coppens, Marie Le Mercier, Christine Lammens, Veerle Matheussens, Herman Goossens
EPI_ISL_1259313	Klinisch Laboratorium ZNA	Klinisch Laboratorium ZNA	Verstrepen et al.
EPI_ISL_1259406	INMI Lazzaro Spallanzani IRCCS	INMI Lazzaro Spallanzani IRCCS	CEM Gruber, B Bartolini, E Giombini, F Santini, F Messina, M Rueca, O Butera, G Bonfiglio, A Di Caro, MR Capobianchi
EPI_ISL_1259407	INMI Lazzaro Spallanzani IRCCS	INMI Lazzaro Spallanzani IRCCS	M Rueca, O Butera, CEM Gruber, B Bartolini, F Santini, E Giombini, G Bonfiglio, F Messina, MR Capobianchi, A Di Caro
EPI_ISL_1259414	INMI Lazzaro Spallanzani IRCCS	INMI Lazzaro Spallanzani IRCCS	F Messina, M Rueca, O Butera, CEM Gruber, B Bartolini, G Bonfiglio, E Giombini, F Santini, A Di Caro, MR Capobianchi
EPI_ISL_1260974, EPI_ISL_1260988, EPI_ISL_1261012	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_1261792	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1261803	DOHMH Crown Heights	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1261807, EPI_ISL_1261808	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1263327	Kansas Health and Environmental Lab	Kansas Health and Environmental Lab	Mike Grose, Jonathan Barnell, Ben Olsen, and Phil Adam
EPI_ISL_1263570, EPI_ISL_1263592, EPI_ISL_1263614, EPI_ISL_1263634, EPI_ISL_1263647, EPI_ISL_1263660, EPI_ISL_1263672, EPI_ISL_1263719, EPI_ISL_1263723, EPI_ISL_1263749, EPI_ISL_1263785, EPI_ISL_1263803, EPI_ISL_1263825, EPI_ISL_1263848, EPI_ISL_1263852			
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_1263853, EPI_ISL_1263857, EPI_ISL_1263858, EPI_ISL_1263865, EPI_ISL_1263868, EPI_ISL_1263869, EPI_ISL_1263871, EPI_ISL_1263880, EPI_ISL_1263881, EPI_ISL_1263882, EPI_ISL_1263883, EPI_ISL_1263884, EPI_ISL_1263891, EPI_ISL_1263906, EPI_ISL_1263908, EPI_ISL_1263909, EPI_ISL_1263912, EPI_ISL_1263914, EPI_ISL_1263919, EPI_ISL_1263923, EPI_ISL_1263927, EPI_ISL_1263929, EPI_ISL_1263931, EPI_ISL_1263932, EPI_ISL_1263936, EPI_ISL_1263937, EPI_ISL_1263940, EPI_ISL_1263941, EPI_ISL_1263942, EPI_ISL_1263944, EPI_ISL_1263947, EPI_ISL_1263949, EPI_ISL_1263957, EPI_ISL_1263958, EPI_ISL_1263960, EPI_ISL_1263963, EPI_ISL_1263964, EPI_ISL_1263972, EPI_ISL_1263974, EPI_ISL_1263976, EPI_ISL_1263988, EPI_ISL_1263989, EPI_ISL_1263994, EPI_ISL_1263995, EPI_ISL_1263999, EPI_ISL_1264000, EPI_ISL_1264003, EPI_ISL_1264006, EPI_ISL_1264008, EPI_ISL_1264009, EPI_ISL_1264010, EPI_ISL_1264015, EPI_ISL_1264018, EPI_ISL_1264019, EPI_ISL_1264024, EPI_ISL_1264029, EPI_ISL_1264030, EPI_ISL_1264034, EPI_ISL_1264048, EPI_ISL_1264052, EPI_ISL_1264053, EPI_ISL_1264057, EPI_ISL_1264062			
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_1264065, EPI_ISL_1264066, EPI_ISL_1264068	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team

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EPI_ISL_1264587, EPI_ISL_1264588	Lighthouse Lab in Glasgow	(COG-UK) Consortium Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team 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_1264589	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_1264590	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_1264592	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_1264593	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_1264594	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_1264595	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_1264596, EPI_ISL_1264597, EPI_ISL_1264598, EPI_ISL_1264599, EPI_ISL_1264600, EPI_ISL_1264601, EPI_ISL_1264603, EPI_ISL_1264604, EPI_ISL_1264605, EPI_ISL_1264606	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_1264607	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_1264608	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_1264609	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_1264610, EPI_ISL_1264611	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_1264612, EPI_ISL_1264613, EPI_ISL_1264614, EPI_ISL_1264615, EPI_ISL_1264617, EPI_ISL_1264618	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_1264619, EPI_ISL_1264620, EPI_ISL_1264621	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_1264622	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_1264623	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_1264624	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_1264625	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_1264626, EPI_ISL_1264627, EPI_ISL_1264628	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_1264630	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_1264631	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_1264632, EPI_ISL_1264633, EPI_ISL_1264635, EPI_ISL_1264636	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_1264637	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_1264639, EPI_ISL_1264640, EPI_ISL_1264641, EPI_ISL_1264642	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_1265167	Institute of Microbiology and Immunology, Faculty of Medicine, University of Ljubljana	Institute of Microbiology and Immunology, Faculty of Medicine, University of Ljubljana	Alen Sulji, Samo Zakotnik, Tomaž Mark Zorec, Matic Brvar, Doroteja Vljaj, Andrej Celar, Dominika Šturm, Patricija Pozvek, Špela Pleh, Miša Korva, Mario Poljak, Tatjana Avši - Županc
EPI_ISL_1265669	CHUGA-IBP-laboratoire de Virologie	IBP-laboratoire de virologie	Sylvie Larrat, Patrice Morand, Pascal Poignard, Raphaël Germe, Julien Lupo, Anne Signori -Schmuck , Anne-Karen Faure, Benjamin Nemoz, Aurélie Truffot, Léa Ponderand, Julien Andréani
EPI_ISL_1265747, EPI_ISL_1265749	Klinisch Laboratorium ZNA	Klinisch Laboratorium ZNA	Verstrepen et al.
EPI_ISL_1266268	National Laboratory for Health, Environment and Food, OMM, Celje	CISLD (Clinical Institute of Special Laboratory Diagnostics), University Children's Hospital, University Medical Center	Jernej Kova, Barbara Jenko Bizjan, Tine Tesovnik, Robert Šket, Katarina Kozmos, Ana Grom, Maruša Debeljak, Marko Pokorn, Tadej Battelino

EPI_ISL_1266312	National Laboratory for Health, Environment and Food, OMM, Kranj	Ljubljana 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_1266337, EPI_ISL_1266352	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_1266412	National Laboratory for Health, Environment and Food, OMM, Novo mesto	CISLD (Clinical Institute of Special Laboratory Diagnostics), University Children's Hospital, University Medical Center Ljubljana	Jernej Kova, Barbara Jenko Bizjan, Tine Tesovnik, Robert Šket, Katarina Kozmos, Ana Grom, Maruša Debeljak, Marko Pokorn, Tadej Battelino
EPI_ISL_1266413, EPI_ISL_1266414	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_1266415, EPI_ISL_1266416, EPI_ISL_1266417	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_1266418	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_1266462	National Laboratory for Health, Environment and Food, OMM, Novo mesto	CISLD (Clinical Institute of Special Laboratory Diagnostics), University Children's Hospital, University Medical Center Ljubljana	Jernej Kova, Barbara Jenko Bizjan, Tine Tesovnik, Robert Šket, Katarina Kozmos, Ana Grom, Maruša Debeljak, Marko Pokorn, Tadej Battelino
EPI_ISL_1266463	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_1266464, EPI_ISL_1266466, EPI_ISL_1266467, EPI_ISL_1266469	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_1266470, EPI_ISL_1266472	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_1266473	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_1266475	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_1266477	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_1266480	National Laboratory for Health, Environment and Food, OMM, Novo mesto	CISLD (Clinical Institute of Special Laboratory Diagnostics), University Children's Hospital, University Medical Center Ljubljana	Jernej Kova, Barbara Jenko Bizjan, Tine Tesovnik, Robert Šket, Katarina Kozmos, Ana Grom, Maruša Debeljak, Marko Pokorn, Tadej Battelino
EPI_ISL_1266998	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_1267011, EPI_ISL_1267020, EPI_ISL_1267037	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_1268204	DPHL	Delaware Public Health Lab	Rebecca Savage
EPI_ISL_1270202, EPI_ISL_1270204	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_1272200, EPI_ISL_1272201, EPI_ISL_1272203, EPI_ISL_1272204, EPI_ISL_1272205, EPI_ISL_1272206, EPI_ISL_1272207, EPI_ISL_1272214, EPI_ISL_1272215, EPI_ISL_1272222, EPI_ISL_1272223	see above	MD PHL	Maryland Department of Health Laboratories Administration
EPI_ISL_1272536, EPI_ISL_1272537, EPI_ISL_1272538, EPI_ISL_1272543, EPI_ISL_1272544, EPI_ISL_1272545, EPI_ISL_1272546, EPI_ISL_1272547	Hospital General Universitario Gregorio Marañón	SeqCOVID-SPAIN consortium/IBV(CSIC)	Darío García de Viedma, Laura Pérez-Lago, Pedro J Sola-Campoy, Sergio Buenestado-Serrano, Marta Herranz, Victor Manuel de la Cueva, Julia Suárez, Pilar Catalán, Patricia Muñoz and SeqCOVID-SPAIN consortium
EPI_ISL_1273379	Atlas Genomics	Atlas Genomics	Michael Kalnoski, MD
EPI_ISL_1273988	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_1273989	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_1273990	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_1273991	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_1273992	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_1273993, EPI_ISL_1273994	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_1276883, EPI_ISL_1276884, EPI_ISL_1276886, EPI_ISL_1276888, EPI_ISL_1276889	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_1276891	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_1276894, EPI_ISL_1276915, EPI_ISL_1276917, EPI_ISL_1276920, EPI_ISL_1276924, EPI_ISL_1276927, EPI_ISL_1276937, EPI_ISL_1276940, EPI_ISL_1276954, EPI_ISL_1276956, EPI_ISL_1276957, EPI_ISL_1276958, EPI_ISL_1276959, EPI_ISL_1276960, EPI_ISL_1276962, EPI_ISL_1276965, EPI_ISL_1276966, EPI_ISL_1276980, EPI_ISL_1276981, EPI_ISL_1276984, EPI_ISL_1276985, EPI_ISL_1276989, EPI_ISL_1276994, EPI_ISL_1276995, EPI_ISL_1277001, EPI_ISL_1277010, EPI_ISL_1277019, EPI_ISL_1277023, EPI_ISL_1277028, EPI_ISL_1277033, EPI_ISL_1277039, EPI_ISL_1277041, EPI_ISL_1277049, EPI_ISL_1277057, EPI_ISL_1277060, EPI_ISL_1277064, EPI_ISL_1277066, EPI_ISL_1277068, EPI_ISL_1277075, EPI_ISL_1277079, EPI_ISL_1277087, EPI_ISL_1277093, EPI_ISL_1277097, EPI_ISL_1277100, EPI_ISL_1277110, EPI_ISL_1277111, EPI_ISL_1277121, EPI_ISL_1277123, EPI_ISL_1277127, EPI_ISL_1277129, EPI_ISL_1277133, EPI_ISL_1277135, EPI_ISL_1277136, EPI_ISL_1277147, EPI_ISL_1277148, EPI_ISL_1277154, EPI_ISL_1277156, EPI_ISL_1277158, EPI_ISL_1277160, EPI_ISL_1277168, EPI_ISL_1277172, EPI_ISL_1277178, EPI_ISL_1277180, EPI_ISL_1277181, EPI_ISL_1277186, EPI_ISL_1277187, EPI_ISL_1277189, EPI_ISL_1277191, EPI_ISL_1277194, EPI_ISL_1277196, EPI_ISL_1277200			
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_1277205, EPI_ISL_1277206, EPI_ISL_1277207, EPI_ISL_1277208, EPI_ISL_1277209, EPI_ISL_1277210, EPI_ISL_1277211, EPI_ISL_1277213, EPI_ISL_1277214, EPI_ISL_1277215, EPI_ISL_1277216, EPI_ISL_1277217, EPI_ISL_1277218, EPI_ISL_1277219, EPI_ISL_1277220, EPI_ISL_1277222, EPI_ISL_1277223, EPI_ISL_1277224, EPI_ISL_1277225, EPI_ISL_1277228, EPI_ISL_1277229, EPI_ISL_1277230, EPI_ISL_1277231, EPI_ISL_1277232, EPI_ISL_1277233, EPI_ISL_1277234, EPI_ISL_1277236, EPI_ISL_1277237, EPI_ISL_1277238, EPI_ISL_1277239, EPI_ISL_1277240, EPI_ISL_1277241, EPI_ISL_1277243, EPI_ISL_1277244, EPI_ISL_1277245, EPI_ISL_1277246, EPI_ISL_1277247, EPI_ISL_1277249, EPI_ISL_1277250, EPI_ISL_1277251, EPI_ISL_1277252, EPI_ISL_1277254, EPI_ISL_1277255, EPI_ISL_1277256, EPI_ISL_1277257, EPI_ISL_1277258, EPI_ISL_1277259, EPI_ISL_1277260, EPI_ISL_1277261, EPI_ISL_1277262, EPI_ISL_1277263, EPI_ISL_1277264, EPI_ISL_1277265, EPI_ISL_1277266, EPI_ISL_1277267, EPI_ISL_1277269, EPI_ISL_1277271, EPI_ISL_1277272, EPI_ISL_1277273, EPI_ISL_1277274, EPI_ISL_1277275, EPI_ISL_1277276, EPI_ISL_1277277, EPI_ISL_1277279, EPI_ISL_1277280, EPI_ISL_1277281, EPI_ISL_1277282, EPI_ISL_1277283, EPI_ISL_1277284, EPI_ISL_1277285, EPI_ISL_1277286, EPI_ISL_1277287, EPI_ISL_1277288, EPI_ISL_1277289, EPI_ISL_1277290, EPI_ISL_1277291, EPI_ISL_1277292, EPI_ISL_1277293, EPI_ISL_1277294, EPI_ISL_1277295, EPI_ISL_1277296, EPI_ISL_1277297, EPI_ISL_1277298, EPI_ISL_1277299, EPI_ISL_1277300, EPI_ISL_1277301, EPI_ISL_1277302, EPI_ISL_1277304, EPI_ISL_1277305, EPI_ISL_1277306, EPI_ISL_1277307, EPI_ISL_1277308, EPI_ISL_1277309, EPI_ISL_1277310, EPI_ISL_1277312, EPI_ISL_1277313, EPI_ISL_1277314, EPI_ISL_1277315, EPI_ISL_1277317, EPI_ISL_1277318, EPI_ISL_1277321, EPI_ISL_1277322, EPI_ISL_1277323, EPI_ISL_1277324, EPI_ISL_1277326, EPI_ISL_1277327, EPI_ISL_1277332, EPI_ISL_1277335			
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_1277338	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_1277340, EPI_ISL_1277341, EPI_ISL_1277342, EPI_ISL_1277343, EPI_ISL_1277345, EPI_ISL_1277346, EPI_ISL_1277604, EPI_ISL_1277606, EPI_ISL_1277607, EPI_ISL_1277608, EPI_ISL_1277609, EPI_ISL_1277610, EPI_ISL_1277612, EPI_ISL_1277614, EPI_ISL_1277615, EPI_ISL_1277616, EPI_ISL_1277617, EPI_ISL_1277618, EPI_ISL_1277619, EPI_ISL_1277620, EPI_ISL_1277621, EPI_ISL_1277623, EPI_ISL_1277624, EPI_ISL_1277625, EPI_ISL_1277626, EPI_ISL_1277627, EPI_ISL_1277628, EPI_ISL_1277736, EPI_ISL_1277737, EPI_ISL_1277738, EPI_ISL_1277739, EPI_ISL_1277740, EPI_ISL_1277741, EPI_ISL_1277742, EPI_ISL_1277743, EPI_ISL_1277744, EPI_ISL_1277745, EPI_ISL_1277746, EPI_ISL_1277747, EPI_ISL_1277749, EPI_ISL_1277750, EPI_ISL_1277751, EPI_ISL_1277752, EPI_ISL_1277753, EPI_ISL_1277754, EPI_ISL_1277756, EPI_ISL_1277757			
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_1277758	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_1277759	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_1277760	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_1277761, EPI_ISL_1277764, EPI_ISL_1277765, EPI_ISL_1277766, EPI_ISL_1277767, EPI_ISL_1277768, EPI_ISL_1277769, EPI_ISL_1277770, EPI_ISL_1277771, EPI_ISL_1277772, EPI_ISL_1277773, EPI_ISL_1277774, EPI_ISL_1277775, EPI_ISL_1277776, EPI_ISL_1277777, EPI_ISL_1277778, EPI_ISL_1277779, EPI_ISL_1277780, EPI_ISL_1277781, EPI_ISL_1277782, EPI_ISL_1277783, EPI_ISL_1277784, EPI_ISL_1277785, EPI_ISL_1277786, EPI_ISL_1277787, EPI_ISL_1277788, EPI_ISL_1277789, EPI_ISL_1277790, EPI_ISL_1277791, EPI_ISL_1277792, EPI_ISL_1277793, EPI_ISL_1277794, EPI_ISL_1277795, EPI_ISL_1277796, EPI_ISL_1277797, EPI_ISL_1277798, EPI_ISL_1277799, EPI_ISL_1277800, EPI_ISL_1277801, EPI_ISL_1277802, EPI_ISL_1277803, EPI_ISL_1277804, EPI_ISL_1277805, EPI_ISL_1277806, EPI_ISL_1277807, EPI_ISL_1277809, EPI_ISL_1277810, EPI_ISL_1277812, EPI_ISL_1277814, EPI_ISL_1277815, EPI_ISL_1277816, EPI_ISL_1277817, EPI_ISL_1277818, EPI_ISL_1277819, EPI_ISL_1277820, EPI_ISL_1277821, EPI_ISL_1277822, EPI_ISL_1277823, EPI_ISL_1277824, EPI_ISL_1277825, EPI_ISL_1277826, EPI_ISL_1277827, EPI_ISL_1277828, EPI_ISL_1277830, EPI_ISL_1277831, EPI_ISL_1277832, EPI_ISL_1277833, EPI_ISL_1277834, EPI_ISL_1277835, EPI_ISL_1277836, EPI_ISL_1277837, EPI_ISL_1277838, EPI_ISL_1277839, EPI_ISL_1277841, EPI_ISL_1277842, EPI_ISL_1277843, EPI_ISL_1277844, EPI_ISL_1277845, EPI_ISL_1277846, EPI_ISL_1277847, EPI_ISL_1277848, EPI_ISL_1277849, EPI_ISL_1277850, EPI_ISL_1277851, EPI_ISL_1277852, EPI_ISL_1277853, EPI_ISL_1277854, EPI_ISL_1277855, EPI_ISL_1277856, EPI_ISL_1277857, EPI_ISL_1277858, EPI_ISL_1277859, EPI_ISL_1277860, EPI_ISL_1277861, EPI_ISL_1277863, EPI_ISL_1277864			
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_1279623, EPI_ISL_1279719, EPI_ISL_1279720, EPI_ISL_1279721, EPI_ISL_1279722, EPI_ISL_1279723, EPI_ISL_1279724, EPI_ISL_1279725, EPI_ISL_1279726, EPI_ISL_1279727, EPI_ISL_1279728, EPI_ISL_1279729, EPI_ISL_1279730, EPI_ISL_1279731, EPI_ISL_1279793, EPI_ISL_1279794, EPI_ISL_1279795, EPI_ISL_1279796, EPI_ISL_1279797, EPI_ISL_1279798, EPI_ISL_1279799			
see above	Landesamt für Verbraucherschutz Sachsen Anhalt, Magdeburg	Institute of Medical Microbiology and Hospital Hygiene	Prof. Dr. Achim Kaasch, Aljoscha Tersteegen
EPI_ISL_1280592, EPI_ISL_1280593, EPI_ISL_1280595, EPI_ISL_1280596, EPI_ISL_1280597, EPI_ISL_1280599, EPI_ISL_1280600	Chemische und Veterinäruntersuchungsamt Münsterland-Emscher-Lippe	Robert Koch Institute	unknown
EPI_ISL_1280821	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1280830	Labor für medizinische Mikrobiologie Bakteriologie Mykologie Virologie & Infektionsserologie	Robert Koch Institute	unknown
EPI_ISL_1280834	SYNLAB Labor München Zentrum LMZ	Robert Koch Institute	unknown
EPI_ISL_1280835, EPI_ISL_1280865	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1280867, EPI_ISL_1280879	Labor für medizinische Mikrobiologie Bakteriologie Mykologie Virologie & Infektionsserologie	Robert Koch Institute	unknown
EPI_ISL_1280886	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1280893	SYNLAB Labor München Zentrum LMZ	Robert Koch Institute	unknown
EPI_ISL_1280898	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1280920	Praxisgemeinschaft für Laboratoriumsmedizin Labor Blumenstraße; Praxis Dr. Sel und Dr. Späte	Robert Koch Institute	unknown
EPI_ISL_1280929	SYNLAB Labor München Zentrum LMZ	Robert Koch Institute	unknown

EPI_ISL_1280930, EPI_ISL_1280937, EPI_ISL_1280941	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1280942	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1280947, EPI_ISL_1280951, EPI_ISL_1280952, EPI_ISL_1280953	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1280961	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1280967, EPI_ISL_1280973	Synlab MVZ Augsburg	Robert Koch Institute	unknown
EPI_ISL_1280977	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1280978	Synlab MVZ Augsburg	Robert Koch Institute	unknown
EPI_ISL_1281003	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1281006, EPI_ISL_1281010, EPI_ISL_1281012	Synlab MVZ Augsburg	Robert Koch Institute	unknown
EPI_ISL_1281044, EPI_ISL_1281047	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1281048	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1281060	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1281061	Synlab MVZ Augsburg	Robert Koch Institute	unknown
EPI_ISL_1281080, EPI_ISL_1281081	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1281312, EPI_ISL_1281316	amedes MVZ Halle/Leipzig	Robert Koch Institute	unknown
EPI_ISL_1281336, EPI_ISL_1281342	amedes MVZ für Labordiagnostik Rhein-Main	Robert Koch Institute	unknown
EPI_ISL_1281395	amedes MVZ Halle/Leipzig	Robert Koch Institute	unknown
EPI_ISL_1281428	amedes Medlab Arnold Analytik MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1281436	amedes MVZ Halle/Leipzig	Robert Koch Institute	unknown
EPI_ISL_1281449	amedes Medlab Arnold Analytik MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1281488, EPI_ISL_1281489, EPI_ISL_1281496, EPI_ISL_1281510, EPI_ISL_1281514	amedes MVZ Halle/Leipzig	Robert Koch Institute	unknown
EPI_ISL_1281525	amedes MVZ DIAMEDIS Sennestadt	Robert Koch Institute	unknown
EPI_ISL_1281539	amedes MVZ Halle/Leipzig	Robert Koch Institute	unknown
EPI_ISL_1281584, EPI_ISL_1281589, EPI_ISL_1281593, EPI_ISL_1281596, EPI_ISL_1281597, EPI_ISL_1281598, EPI_ISL_1281599, EPI_ISL_1281603, EPI_ISL_1281605, EPI_ISL_1281607, EPI_ISL_1281612, EPI_ISL_1281617, EPI_ISL_1281618, EPI_ISL_1281620, EPI_ISL_1281621, EPI_ISL_1281624, EPI_ISL_1281626, EPI_ISL_1281629, EPI_ISL_1281632, EPI_ISL_1281640, EPI_ISL_1281642, EPI_ISL_1281647, EPI_ISL_1281650, EPI_ISL_1281657, EPI_ISL_1281658, EPI_ISL_1281662, EPI_ISL_1281663, EPI_ISL_1281668, EPI_ISL_1281672, EPI_ISL_1281673, EPI_ISL_1281679, EPI_ISL_1281681, EPI_ISL_1281691, EPI_ISL_1281694, EPI_ISL_1281697, EPI_ISL_1281699, EPI_ISL_1281702, EPI_ISL_1281705, EPI_ISL_1281721, EPI_ISL_1281736, EPI_ISL_1281740, EPI_ISL_1281749, EPI_ISL_1281752, EPI_ISL_1281753, EPI_ISL_1281754, EPI_ISL_1281758, EPI_ISL_1281764, EPI_ISL_1281765, EPI_ISL_1281766, EPI_ISL_1281768, EPI_ISL_1281769, EPI_ISL_1281770, EPI_ISL_1281771, EPI_ISL_1281772, EPI_ISL_1281776			
see above	Limbach - MVZ Humangenetik Ulm	Robert Koch Institute	unknown
EPI_ISL_1281778	Labor Kneißler GmbH & Co. KG	Robert Koch Institute	unknown
EPI_ISL_1281815, EPI_ISL_1281818	Limbach - MVZ Gemeinschaftslabor Suhl	Robert Koch Institute	unknown
EPI_ISL_1281912, EPI_ISL_1281917, EPI_ISL_1281918, EPI_ISL_1281921, EPI_ISL_1281929, EPI_ISL_1281931, EPI_ISL_1281935, EPI_ISL_1281942, EPI_ISL_1281946, EPI_ISL_1281951, EPI_ISL_1281954, EPI_ISL_1281962			
see above	MVZ Dr. Eberhard & Partner Dortmund	Robert Koch Institute	unknown
EPI_ISL_1281972	Kath. St.-Johannes-Gesellschaft Dortmund gGmbH	Robert Koch Institute	unknown
EPI_ISL_1281974, EPI_ISL_1281977, EPI_ISL_1281979, EPI_ISL_1281980, EPI_ISL_1281981, EPI_ISL_1281984, EPI_ISL_1281985, EPI_ISL_1281986, EPI_ISL_1281987, EPI_ISL_1281988, EPI_ISL_1281991			
see above	MVZ Dr. Eberhard & Partner Dortmund	Robert Koch Institute	unknown
EPI_ISL_1282011, EPI_ISL_1282042, EPI_ISL_1282055, EPI_ISL_1282083, EPI_ISL_1282084	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1282117	LabKom - Labor Mainz MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1282135, EPI_ISL_1282176, EPI_ISL_1282183, EPI_ISL_1282184, EPI_ISL_1282195, EPI_ISL_1282205	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1282756, EPI_ISL_1282758, EPI_ISL_1282759, EPI_ISL_1282760, EPI_ISL_1282761, EPI_ISL_1282763, EPI_ISL_1282764	Klinikum Ernst von Bergmann gemeinnützige GmbH - stationärer Bereich	Robert Koch Institute	unknown
EPI_ISL_1282774	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1282775	SYNLAB MVZ Neustadt a. d. Weinstraße	Robert Koch Institute	unknown
EPI_ISL_1282779, EPI_ISL_1282790, EPI_ISL_1282793, EPI_ISL_1282798, EPI_ISL_1282816, EPI_ISL_1282822, EPI_ISL_1282824, EPI_ISL_1282827, EPI_ISL_1282829, EPI_ISL_1282835	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1282988, EPI_ISL_1282990, EPI_ISL_1282992, EPI_ISL_1282994, EPI_ISL_1282997, EPI_ISL_1282999, EPI_ISL_1283001, EPI_ISL_1283004	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1283005, EPI_ISL_1283008	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1283010, EPI_ISL_1283013, EPI_ISL_1283018, EPI_ISL_1283021, EPI_ISL_1283023, EPI_ISL_1283025, EPI_ISL_1283028	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown

EPI_ISL_1283030	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1283033, EPI_ISL_1283034	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1283036, EPI_ISL_1283039	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1283043, EPI_ISL_1283044	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1283045	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1283048, EPI_ISL_1283053	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1283057, EPI_ISL_1283058, EPI_ISL_1283062	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1283064, EPI_ISL_1283065, EPI_ISL_1283073, EPI_ISL_1283079, EPI_ISL_1283082, EPI_ISL_1283083, EPI_ISL_1283096, EPI_ISL_1283100	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1283101	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1283102, EPI_ISL_1283106, EPI_ISL_1283107, EPI_ISL_1283112, EPI_ISL_1283119, EPI_ISL_1283121	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1283134, EPI_ISL_1283138, EPI_ISL_1283166, EPI_ISL_1283189, EPI_ISL_1283193, EPI_ISL_1283209, EPI_ISL_1283211, EPI_ISL_1283242	Labor MönchengladbachMVZ Dr. Stein + Kollegen GbR	Robert Koch Institute	unknown
EPI_ISL_1283675, EPI_ISL_1283678, EPI_ISL_1283681	MVZ Labor Dr. Limbach & Kollegen GbR	Robert Koch Institute	unknown
EPI_ISL_1283684	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1283688, EPI_ISL_1283693, EPI_ISL_1283694, EPI_ISL_1283703, EPI_ISL_1283711, EPI_ISL_1283715, EPI_ISL_1283718	MVZ Labor Dr. Limbach & Kollegen GbR	Robert Koch Institute	unknown
EPI_ISL_1283720	Limbach - MVZ Labor Eveld & Kollegen Essen	Robert Koch Institute	unknown
EPI_ISL_1283721, EPI_ISL_1283725, EPI_ISL_1283728, EPI_ISL_1283729, EPI_ISL_1283741, EPI_ISL_1283744, EPI_ISL_1283751, EPI_ISL_1283753, EPI_ISL_1283763, EPI_ISL_1283774	MVZ Labor Dr. Limbach & Kollegen GbR	Robert Koch Institute	unknown
EPI_ISL_1283777	Limbach - MVZ Gemeinschaftslabor Suhl	Robert Koch Institute	unknown
EPI_ISL_1283789, EPI_ISL_1283809, EPI_ISL_1283810, EPI_ISL_1283815, EPI_ISL_1283820	MVZ Labor Dr. Limbach & Kollegen GbR	Robert Koch Institute	unknown
EPI_ISL_1283827	Limbach - MVZ Labor Eveld & Kollegen Essen	Robert Koch Institute	unknown
EPI_ISL_1283829	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1283832	MVZ Labor Dr. Limbach & Kollegen GbR	Robert Koch Institute	unknown
EPI_ISL_1283842	Limbach - MVZ Gemeinschaftslabor Suhl	Robert Koch Institute	unknown
EPI_ISL_1283913, EPI_ISL_1283918	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1283944	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1283966	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1284053	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1284081, EPI_ISL_1284153, EPI_ISL_1284159	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1284235	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1284248, EPI_ISL_1284259	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1284263	Synlab MVZ Augsburg	Robert Koch Institute	unknown
EPI_ISL_1284272, EPI_ISL_1284276, EPI_ISL_1284286, EPI_ISL_1284287, EPI_ISL_1284293, EPI_ISL_1284294, EPI_ISL_1284301, EPI_ISL_1284305, EPI_ISL_1284308	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1284315	Synlab MVZ Augsburg	Robert Koch Institute	unknown
EPI_ISL_1284319	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1284328, EPI_ISL_1284332, EPI_ISL_1284334, EPI_ISL_1284342	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1284347	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1284348, EPI_ISL_1284355, EPI_ISL_1284360	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1284362	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1284364, EPI_ISL_1284376, EPI_ISL_1284378, EPI_ISL_1284379, EPI_ISL_1284381, EPI_ISL_1284383, EPI_ISL_1284391, EPI_ISL_1284393, EPI_ISL_1284399, EPI_ISL_1284401, EPI_ISL_1284415, EPI_ISL_1284417, EPI_ISL_1284420			
see above	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1284423	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1284427, EPI_ISL_1284431, EPI_ISL_1284435, EPI_ISL_1284436,	SYNLAB MVZ Trier	Robert Koch Institute	unknown

EPI_ISL_1284441, EPI_ISL_1284446, EPI_ISL_1284452, EPI_ISL_1284457			
EPI_ISL_1284462	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1284469	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1284474, EPI_ISL_1284476, EPI_ISL_1284478	MVZ Labor Dr. Limbach & Kollegen GbR	Robert Koch Institute	unknown
EPI_ISL_1284480	Limbach - MVZ Gemeinschaftslabor Suhl	Robert Koch Institute	unknown
EPI_ISL_1284482	MVZ Medizinisches Labor Hannover GmbH	Robert Koch Institute	unknown
EPI_ISL_1284486, EPI_ISL_1284490, EPI_ISL_1284494, EPI_ISL_1284499, EPI_ISL_1284505, EPI_ISL_1284509	MVZ Labor Dr. Limbach & Kollegen GbR	Robert Koch Institute	unknown
EPI_ISL_1284512	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1284518, EPI_ISL_1284520, EPI_ISL_1284528	IMD Labor Frankfurt	Robert Koch Institute	unknown
EPI_ISL_1284533	Universitätsklinikum Bonn - Institut für Medizinische Mikrobiologie Immunologie und Parasitologie + Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1284538	IMD Labor Frankfurt	Robert Koch Institute	unknown
EPI_ISL_1284557	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1284561, EPI_ISL_1284564, EPI_ISL_1284567	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1284571	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1284574	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1284575	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1284584, EPI_ISL_1284586	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1284594, EPI_ISL_1284596	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1284597, EPI_ISL_1284604, EPI_ISL_1284606, EPI_ISL_1284613, EPI_ISL_1284617	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1284619	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1284621, EPI_ISL_1284626, EPI_ISL_1284627, EPI_ISL_1284631, EPI_ISL_1284632, EPI_ISL_1284633, EPI_ISL_1284639, EPI_ISL_1284644	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1284645	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1284648, EPI_ISL_1284654	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1284655, EPI_ISL_1284660	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1284673, EPI_ISL_1284676, EPI_ISL_1284677	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1284680	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1284681	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1284682	Sonic - MVZ Medizinisches Labor Oldenburg	Robert Koch Institute	unknown
EPI_ISL_1284685, EPI_ISL_1284686	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1284688, EPI_ISL_1284690, EPI_ISL_1284699	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1284703	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1284706	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1284707	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1284716, EPI_ISL_1284718	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1284720	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1284731, EPI_ISL_1284735, EPI_ISL_1284736	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1284739, EPI_ISL_1284741, EPI_ISL_1284742, EPI_ISL_1284744, EPI_ISL_1284745	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1284746	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1284748, EPI_ISL_1284753, EPI_ISL_1284756	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1284769	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1284786	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1284790	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1284791	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1284798	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1284804	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1284807	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown

EPI_ISL_1284812	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1284813	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1284819, EPI_ISL_1284824	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1284827	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1284835	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1284838	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1284840	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1284843	Sonic - MVZ Medizinisches Labor Oldenburg	Robert Koch Institute	unknown
EPI_ISL_1284847	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1284850, EPI_ISL_1284851	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1284852	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1284855, EPI_ISL_1284858	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1284859, EPI_ISL_1284862, EPI_ISL_1284865	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1284867	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1284868	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1284869	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1284875	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1284877	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1284881, EPI_ISL_1284884, EPI_ISL_1284887	Philipps-Universität Marburg Fachbereich Medizin Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1284930, EPI_ISL_1284938, EPI_ISL_1284946	KRH Klinikum Region Hannover: Institut für Med. Mikrobiologie und Krankenhaushygiene	Robert Koch Institute	unknown
EPI_ISL_1285175	Klinikum Ernst von Bergmann gemeinnützige GmbH - stationärer Bereich	Robert Koch Institute	unknown
EPI_ISL_1285286, EPI_ISL_1285304	MVZ Dr. Eberhard & Partner Dortmund	Robert Koch Institute	unknown
EPI_ISL_1285306	Labor Lübeck bzw. Laborärztliche Gemeinschaftspraxis Lübeck	Robert Koch Institute	unknown
EPI_ISL_1285312, EPI_ISL_1285314, EPI_ISL_1285320	MVZ Dr. Eberhard & Partner Dortmund	Robert Koch Institute	unknown
EPI_ISL_1285335	Stiftung Krankenhaus Bethanien für die Grafschaft Moers	Robert Koch Institute	unknown
EPI_ISL_1285340	Labor Lübeck bzw. Laborärztliche Gemeinschaftspraxis Lübeck	Robert Koch Institute	unknown
EPI_ISL_1285342	MVZ Dr. Eberhard & Partner Dortmund	Robert Koch Institute	unknown
EPI_ISL_1285380, EPI_ISL_1285381, EPI_ISL_1285382	Labor Prof. Dr. G. Enders MVZ GbR	Robert Koch Institute	unknown
EPI_ISL_1285402	MVZ Labor Krone GbR	Robert Koch Institute	unknown
EPI_ISL_1285433	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1285435	LabKom - Labor Hamburg-Lübeck	Robert Koch Institute	unknown
EPI_ISL_1285436	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1285439	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1285440, EPI_ISL_1285441	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1285443	Sonic - MVZ Medizinisches Labor Oldenburg	Robert Koch Institute	unknown
EPI_ISL_1285444	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1285445	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1285452, EPI_ISL_1285456, EPI_ISL_1285459, EPI_ISL_1285482	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1285487	LabKom - Labor Hamburg-Lübeck	Robert Koch Institute	unknown
EPI_ISL_1285491, EPI_ISL_1285503, EPI_ISL_1285505, EPI_ISL_1285506, EPI_ISL_1285508, EPI_ISL_1285514, EPI_ISL_1285515	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1285516	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1285527, EPI_ISL_1285530, EPI_ISL_1285536, EPI_ISL_1285538	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1285539	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1285540, EPI_ISL_1285541, EPI_ISL_1285542, EPI_ISL_1285544	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1285547	Robert-Bosch-Krankenhaus	Robert Koch Institute	unknown
EPI_ISL_1285548	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1285550, EPI_ISL_1285554	LabKom - Labor Hamburg-Lübeck	Robert Koch Institute	unknown
EPI_ISL_1285558	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1285562	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown



EPI_ISL_1285569	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1285570, EPI_ISL_1285574	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1285584, EPI_ISL_1285586, EPI_ISL_1285589, EPI_ISL_1285592	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1285596	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1285598	LabKom - Labor Hamburg-Lübeck	Robert Koch Institute	unknown
EPI_ISL_1285604	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1285611	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1285621	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1285627, EPI_ISL_1285629, EPI_ISL_1285635	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1285643	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1285645	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1285646	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1285647	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1285650	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1285660, EPI_ISL_1285665	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1285675	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1285676, EPI_ISL_1285677, EPI_ISL_1285680, EPI_ISL_1285683, EPI_ISL_1285684	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1285686	Sonic - MVZ Medizinisches Labor Oldenburg	Robert Koch Institute	unknown
EPI_ISL_1285687, EPI_ISL_1285688, EPI_ISL_1285691, EPI_ISL_1285693, EPI_ISL_1285695	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1285697	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1285703	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1285704	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1285708, EPI_ISL_1285713, EPI_ISL_1285714, EPI_ISL_1285717	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1285721	Thüringer Landesamtes für Verbraucherschutz	Robert Koch Institute	unknown
EPI_ISL_1285730, EPI_ISL_1285732	Uniklinikum Regensburg; Institut für Mikrobiologie	Robert Koch Institute	unknown
EPI_ISL_1285737	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1285739	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1285740	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1285741	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1285743	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1285744, EPI_ISL_1285746	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1285755, EPI_ISL_1285761, EPI_ISL_1285762	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1285768, EPI_ISL_1285772	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1285776	IMD - Medizinisches Labor Rostock	Robert Koch Institute	unknown
EPI_ISL_1285783	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1285788, EPI_ISL_1285794	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1285804	Dianovis GmbH Greiz	Robert Koch Institute	unknown
EPI_ISL_1285930, EPI_ISL_1285936, EPI_ISL_1285942, EPI_ISL_1285944, EPI_ISL_1285951, EPI_ISL_1285953, EPI_ISL_1285956, EPI_ISL_1285957, EPI_ISL_1285959, EPI_ISL_1285960, EPI_ISL_1285961, EPI_ISL_1285965, EPI_ISL_1285970, EPI_ISL_1285971, EPI_ISL_1285973, EPI_ISL_1285975, EPI_ISL_1285977, EPI_ISL_1285980, EPI_ISL_1285981, EPI_ISL_1285985, EPI_ISL_1285995, EPI_ISL_1285999, EPI_ISL_1286001, EPI_ISL_1286004, EPI_ISL_1286005, EPI_ISL_1286012, EPI_ISL_1286016, EPI_ISL_1286018, EPI_ISL_1286038, EPI_ISL_1286041, EPI_ISL_1286046, EPI_ISL_1286067, EPI_ISL_1286082, EPI_ISL_1286084, EPI_ISL_1286085			
see above	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1286094, EPI_ISL_1286098, EPI_ISL_1286100, EPI_ISL_1286104, EPI_ISL_1286105, EPI_ISL_1286107, EPI_ISL_1286110, EPI_ISL_1286115, EPI_ISL_1286117, EPI_ISL_1286119, EPI_ISL_1286123, EPI_ISL_1286124, EPI_ISL_1286127, EPI_ISL_1286128, EPI_ISL_1286129, EPI_ISL_1286130, EPI_ISL_1286131, EPI_ISL_1286133			
see above	Labor Dr. Heidrich & Kollegen MVZ GmbH Hamburg	Robert Koch Institute	unknown
EPI_ISL_1287289, EPI_ISL_1287298, EPI_ISL_1287301, EPI_ISL_1287304, EPI_ISL_1287311	Alexianer DaKS GmbH (eigenes IT-Tochterunternehmen der Alexianer Krankenhäuser)	Robert Koch Institute	unknown
EPI_ISL_1287615	Istituto Zooprofilattico Sperimentale del Mezzogiorno	TIGEM	Antonio Grimaldi Patrizia Annunziata Francesco Panariello Biancamaria Pierri Claudia Tiberio Valentina Bouche Chiara Colantuono Maria Concetta Cuomo Denise Di Concilio Lucio Di Filippo Anna Manfredi Marcello Salvi Antonio Limone Luigi Atripaldi Pellegrino Cerino Andrea Ballabio Davide Cacchiarelli
EPI_ISL_1287783, EPI_ISL_1287872, EPI_ISL_1287895, EPI_ISL_1287908, EPI_ISL_1287910, EPI_ISL_1287927, EPI_ISL_1287973, EPI_ISL_1288097, EPI_ISL_1288534, EPI_ISL_1288623, EPI_ISL_1288646, EPI_ISL_1288659, EPI_ISL_1288661, EPI_ISL_1288678, EPI_ISL_1288724, EPI_ISL_1288906, EPI_ISL_1288936, EPI_ISL_1288937, EPI_ISL_1288938, EPI_ISL_1288941, EPI_ISL_1288960, EPI_ISL_1288961, EPI_ISL_1288962, EPI_ISL_1288964, EPI_ISL_1288975, EPI_ISL_1288977, EPI_ISL_1289061, EPI_ISL_1289063, EPI_ISL_1289138, EPI_ISL_1289142, EPI_ISL_1289150, EPI_ISL_1289212			
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_1289724, EPI_ISL_1289758, EPI_ISL_1289759, EPI_ISL_1289760, EPI_ISL_1289761, EPI_ISL_1289762, EPI_ISL_1289763, EPI_ISL_1289764, EPI_ISL_1289765, EPI_ISL_1289766, EPI_ISL_1289767, EPI_ISL_1289768, EPI_ISL_1289769, EPI_ISL_1289771, EPI_ISL_1289772, EPI_ISL_1289773, EPI_ISL_1289774, EPI_ISL_1289775, EPI_ISL_1289776, EPI_ISL_1289777, EPI_ISL_1289778, EPI_ISL_1289779, EPI_ISL_1289780, EPI_ISL_1289781, EPI_ISL_1289782, EPI_ISL_1289783, EPI_ISL_1289784			
see above	Michigan Department of Health and Human Services, Bureau	Michigan Department of Health and Human Services, Bureau	Blankenship HM, Riner D, Soehnlen MK

of Laboratories		of Laboratories	
EPI_ISL_1291543	Nebraska Public Health Laboratory	NPHL COVID-19 Response Team	
EPI_ISL_1292764	State Laboratories Division, Hawaii State Department of Health	State Laboratories Division, Hawaii State Department of Health	Pamela O'Brien, Drew Kuwazaki, Ayana Garnet, Razvan Sultana, Edward Desmond
EPI_ISL_1293031	MD Public Health Laboratory	MD Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_1293195, EPI_ISL_1293196, EPI_ISL_1293197, EPI_ISL_1293198, EPI_ISL_1293199, EPI_ISL_1293200, EPI_ISL_1293201	Yale Clinical Virology Lab	Grubaugh Lab - Yale School of Public Health	Joseph Fauver, Mallery Breban, Isabell Ott, Tara Alpert, Mary Petrone, Anderson Brito, Chantal Vogels, Annie Watkins, Chaney Kalinich, Jessica Rothman, Marie L. Landry, Nathan Grubaugh
EPI_ISL_1293217	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_1293218	Oak Ridge	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, Daniel Jones, Nathan Grubaugh
EPI_ISL_1293233	Yale Clinical Virology Lab	Grubaugh Lab - Yale School of Public Health	Joseph Fauver, Mallery Breban, Isabell Ott, Tara Alpert, Mary Petrone, Anderson Brito, Chantal Vogels, Annie Watkins, Chaney Kalinich, Jessica Rothman, Marie L. Landry, Nathan Grubaugh
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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_1294557	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_1294581, EPI_ISL_1294588, EPI_ISL_1294592, EPI_ISL_1294600, EPI_ISL_1294608	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_1294620	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
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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_1295982, EPI_ISL_1295984, EPI_ISL_1295986, EPI_ISL_1295987, EPI_ISL_1295988, EPI_ISL_1295989, EPI_ISL_1295990, EPI_ISL_1295991, EPI_ISL_1295992, EPI_ISL_1295993, EPI_ISL_1296000, EPI_ISL_1296001, EPI_ISL_1296010, EPI_ISL_1296011, EPI_ISL_1296012, EPI_ISL_1296013, EPI_ISL_1296014, EPI_ISL_1296015, EPI_ISL_1296016, EPI_ISL_1296017, EPI_ISL_1296018, EPI_ISL_1296019, EPI_ISL_1296020, EPI_ISL_1296021, EPI_ISL_1296022, EPI_ISL_1296023, EPI_ISL_1296024, EPI_ISL_1296025, EPI_ISL_1296026, EPI_ISL_1296027, EPI_ISL_1296028, EPI_ISL_1296029, EPI_ISL_1296030, EPI_ISL_1296031, EPI_ISL_1296032, EPI_ISL_1296033, EPI_ISL_1296034, EPI_ISL_1296035, EPI_ISL_1296036, EPI_ISL_1296037, EPI_ISL_1296038, EPI_ISL_1296039, EPI_ISL_1296040, EPI_ISL_1296041, EPI_ISL_1296042, EPI_ISL_1296043, EPI_ISL_1296044, EPI_ISL_1296045, EPI_ISL_1296046, EPI_ISL_1296047, EPI_ISL_1296048, EPI_ISL_1296049, EPI_ISL_1296050, EPI_ISL_1296051, EPI_ISL_1296052, EPI_ISL_1296053, EPI_ISL_1296105, EPI_ISL_1296106, EPI_ISL_1296107, EPI_ISL_1296108, EPI_ISL_1296109, EPI_ISL_1296110, EPI_ISL_1296111, EPI_ISL_1296112, EPI_ISL_1296117, EPI_ISL_1296118, EPI_ISL_1296119, EPI_ISL_1296120, EPI_ISL_1296122, EPI_ISL_1296143, EPI_ISL_1296146, EPI_ISL_1296147, EPI_ISL_1296148, EPI_ISL_1296151, EPI_ISL_1296152, EPI_ISL_1296153, EPI_ISL_1296154, EPI_ISL_1296155, EPI_ISL_1296156, EPI_ISL_1296157, EPI_ISL_1296158, EPI_ISL_1296159, EPI_ISL_1296160, EPI_ISL_1296161, EPI_ISL_1296162, EPI_ISL_1296163, EPI_ISL_1296164, EPI_ISL_1296165, EPI_ISL_1296166, EPI_ISL_1296167, EPI_ISL_1296168, EPI_ISL_1296169, EPI_ISL_1296170, EPI_ISL_1296171, EPI_ISL_1296172, EPI_ISL_1296173, EPI_ISL_1296175, EPI_ISL_1296176, EPI_ISL_1296196, EPI_ISL_1296197, EPI_ISL_1296208, EPI_ISL_1296209, EPI_ISL_1296210, EPI_ISL_1296211, EPI_ISL_1296212, EPI_ISL_1296213			
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_1296237	INMI Lazzaro Spallanzani IRCCS	INMI Lazzaro Spallanzani IRCCS	CEM Gruber, F Santini, B Bartolini, E Giombini, F Messina, M Ruca, G Bonfiglio, O Butera, A Di Caro, MR Capobianchi
EPI_ISL_1296860	Sonora Quest Laboratories	TGen North	*Jolene Bowers, Heather Centner, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darren Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)*
EPI_ISL_1298493, EPI_ISL_1298494, EPI_ISL_1298497, EPI_ISL_1298498, EPI_ISL_1298499, EPI_ISL_1298500, EPI_ISL_1298501, EPI_ISL_1298502, EPI_ISL_1298503, EPI_ISL_1298504, EPI_ISL_1298505, EPI_ISL_1298506, EPI_ISL_1298507, EPI_ISL_1298508, EPI_ISL_1298511, EPI_ISL_1298512, EPI_ISL_1298513, EPI_ISL_1298514, EPI_ISL_1298515, EPI_ISL_1298516, EPI_ISL_1298517, EPI_ISL_1298518, EPI_ISL_1298519, EPI_ISL_1298520, EPI_ISL_1298521, EPI_ISL_1298522, EPI_ISL_1298523, EPI_ISL_1298524, EPI_ISL_1298525, EPI_ISL_1298526, EPI_ISL_1298527, EPI_ISL_1298528, EPI_ISL_1298529, EPI_ISL_1298530, EPI_ISL_1298531, EPI_ISL_1298532, EPI_ISL_1298533, EPI_ISL_1298534, EPI_ISL_1298535, EPI_ISL_1298536, EPI_ISL_1298537, EPI_ISL_1298538, EPI_ISL_1298539, EPI_ISL_1298540, EPI_ISL_1298541, EPI_ISL_1298542, EPI_ISL_1298543, EPI_ISL_1298544, EPI_ISL_1298545, EPI_ISL_1298546, EPI_ISL_1298547, EPI_ISL_1298548, EPI_ISL_1298549, EPI_ISL_1298550, EPI_ISL_1298551, EPI_ISL_1298552, EPI_ISL_1298553, EPI_ISL_1298554, 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see above	ASL Napoli 1 Centro	AMES Centro Polidiagnostico Strumentale S.r.l.	"Giovanni Savarese, Raffaella Ruggiero, Eloisa Evangelista, Antonella Di Carlo, Luisa Circelli, Luigi D'Amore, Nadia Petrillo, Monica Ianniello, Roberto Sirica, Maurizio D'Amora, Antonio Fico"
EPI_ISL_1299248	CHWAPI - SITE NOTRE DAME	Institut de Pathologie et Genetique (IPG)	Pascale Hilbert, Jérémie Gras
EPI_ISL_1299294	Institute of Virology, Biomedical Research Center of the Slovak Academy of Sciences, Bratislava	Faculty of Natural Sciences, Comenius University, Bratislava	Kristina Borsova, Viktoria Cabanova, Brana Brejova, Viktoria Hodorova, Sabina Fumacova Havlikova, Juraj Kopacek, Martina Lickova, Lubomira Lukacikova, Martina Nebohacova, Monika Slavikova, Tomas Vinar, Boris Klempa, Jozef Nosek
EPI_ISL_1299295	Institute of Virology, Biomedical Research Center of the Slovak Academy of Sciences, Bratislava	Faculty of Natural Sciences, Comenius University, Bratislava	Brana 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_1299379	National Virus Reference Laboratory	National Virus Reference Laboratory	Zoe Yandle, Charlene Bennett, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun
EPI_ISL_1300143, EPI_ISL_1300144, EPI_ISL_1300145, EPI_ISL_1300146, EPI_ISL_1300147, EPI_ISL_1300148, EPI_ISL_1300149, EPI_ISL_1300150, EPI_ISL_1300163, EPI_ISL_1300164, EPI_ISL_1300165			
see above	Colorado Department of Public Health and Environment	Colorado Department of Public Health and Environment	Laura Bankers, Molly C. Hetherington-Rauth, Diana Ir, Shannon Ely, Shannon R. Matzinger, Sarah Elizabeth Totten, Emily A. Travanty
EPI_ISL_1300210, EPI_ISL_1300211, EPI_ISL_1300219, EPI_ISL_1300220, EPI_ISL_1300221, EPI_ISL_1300222, EPI_ISL_1300229, EPI_ISL_1300230, EPI_ISL_1300231	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_1300301, EPI_ISL_1300304, EPI_ISL_1300305, EPI_ISL_1300306, EPI_ISL_1300307, EPI_ISL_1300310, EPI_ISL_1300314, EPI_ISL_1300316, EPI_ISL_1300323, EPI_ISL_1300330	Klinisk mikrobiologi	The Public Health Agency of Sweden	Samuel Ohman, Maria Lind Karlberg, Anna-Malin Linde, Carlo Berg, Oskar Karlsson Lindsjo, Sofia Stamouli, Reza Advani, Mattias Haukland, Petra Holmstrom, Noura Walai, Petra Edquist, Mia Brytting, Anna Risberg, Karin Tegmark-Wisell
EPI_ISL_1300648, EPI_ISL_1300657	Clinical Center, University of Sarajevo; Unit for Clinical Microbiology	Clinical Center, University of Sarajevo; Unit for Clinical Microbiology	Irma Salimovi-Beši, Amela Dedei-Ljubovi, Edina Zahirovi, Suzana Arapi, Sebiha Izetbegovi, Sandra Vegar-Zubovi, Maja Kuzmanovska, Golubinka Boshevska
EPI_ISL_1300710	Wojewodzka Stacja Sanitarno-Epidemiologiczna w Olsztynie, Laboratorium Badan Epidemiologiczno-Klinicznych	Wojewodzka Stacja Sanitarno-Epidemiologiczna w Olsztynie, Laboratorium Badan Epidemiologiczno-Klinicznych	Sylvia Krzetowska, Monika Czerminka, Ewa Liszewska, Tomasz Jakubczak, Marta Lukian, Patryk Bielecki, Aleksandra Kobiatko, Emilia Tarabasz, Paulina Rozycka, Barbara Dolinska
EPI_ISL_1301809, EPI_ISL_1301842	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Louise Lefrançois, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Ramanantsoa CéLine
EPI_ISL_1301847, EPI_ISL_1301848, EPI_ISL_1301849	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Louise Lefrançois, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Leruez-Ville Marianne
EPI_ISL_1301855, EPI_ISL_1301856	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Louise Lefrançois, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Griscelli Franck
EPI_ISL_1301962	National Virus Reference Laboratory	National Virus Reference Laboratory	Zoe Yandle, Charlene Bennett, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun
EPI_ISL_1303011, EPI_ISL_1303013, EPI_ISL_1303017, EPI_ISL_1303018, EPI_ISL_1303019, EPI_ISL_1303021, EPI_ISL_1303022, EPI_ISL_1303023, EPI_ISL_1303024, EPI_ISL_1303027, EPI_ISL_1303029			
see above	ADMED Microbiologie	Genomics and Transcriptomics, Philip Morris International	Reto Lienhard, Marie-Lise Tritten, Emmanuel Guedj, Nicolas Sierro, Rémi Dulize, David Bornand, Mehdi Auberson, Maxime Berthouzoz, Nikolai Ivanov, Manuel Peitsch
EPI_ISL_1303478, EPI_ISL_1303485, EPI_ISL_1303486, EPI_ISL_1303487	Flow Diagnostics Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1305351, EPI_ISL_1305352, EPI_ISL_1305356, EPI_ISL_1305360, EPI_ISL_1305366, EPI_ISL_1305369, EPI_ISL_1305380, EPI_ISL_1305392, EPI_ISL_1305404, EPI_ISL_1305413, EPI_ISL_1305415, EPI_ISL_1305535, EPI_ISL_1305536, EPI_ISL_1305537, EPI_ISL_1305538, EPI_ISL_1305539, EPI_ISL_1305543, EPI_ISL_1305544, EPI_ISL_1305546, EPI_ISL_1305547, EPI_ISL_1305548, EPI_ISL_1305552, EPI_ISL_1305554, EPI_ISL_1305556, EPI_ISL_1305557, EPI_ISL_1305563, EPI_ISL_1305565, EPI_ISL_1305574, EPI_ISL_1305578, EPI_ISL_1305580, EPI_ISL_1305581, EPI_ISL_1305583, EPI_ISL_1305584, EPI_ISL_1305585, EPI_ISL_1305586, EPI_ISL_1305589, EPI_ISL_1305590, EPI_ISL_1305594, EPI_ISL_1305595, EPI_ISL_1305596, EPI_ISL_1305600, EPI_ISL_1305604, EPI_ISL_1305605			
see above	Houston Methodist Hospital	Houston Methodist Hospital	S. Wesley Long, Randall J. Olsen, Paul A. Christensen, Sishir Subedi, Robert Olson, James J. Davis, Matthew Ojeda Saavedra, Prasanti Yerramilli, Layne Pruitt, Kristina Reppond, Madison N. Shyer, Jessica Cambric, Ilya J. Finkelstein, Jimmy Gollihar, and James M. Musser
EPI_ISL_1305823, EPI_ISL_1305831, EPI_ISL_1305852, EPI_ISL_1305879, EPI_ISL_1305880, EPI_ISL_1305881, EPI_ISL_1305897	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_1305983	Klinisk mikrobiologi, Region Västerbotten	CBRN Defence and Security, Swedish Defence Research Agency	Andreas Sjödin, Linda Karlsson, Emelie Näslund Salomonsson, Jonas Näslund, Stina Bäckman, Malin Granberg, Ingrid Dacklin, Anna-Lena Johansson, Kerstin Myrtennäs, David Sundell, Caroline Öhrman, Mats Forsman, Annika Allard, Annika Osterman
EPI_ISL_1307636	Flow Diagnostics Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1307938, EPI_ISL_1307939, EPI_ISL_1307940	Istituto Zooprofilattico Sperimentale del Mezzogiorno	TIGEM	Antonio Grimaldi Patrizia Annunziata Francesco Panariello Biancamaria Pierri Claudia Tiberio Valentina Bouche Chiara Colantuono Maria Concetta Cuomo Denise Di Concilio Lucio Di Filippo Anna Manfredi Marcello Salvi Antonio Limone Luigi Atripaldi Pellegrino Cerino Andrea Ballabio Davide Cacchiarelli
EPI_ISL_1307942, EPI_ISL_1307943, EPI_ISL_1307944, EPI_ISL_1307945, EPI_ISL_1307946, EPI_ISL_1307948, EPI_ISL_1307949, EPI_ISL_1307950, EPI_ISL_1307951, EPI_ISL_1307952, EPI_ISL_1307953, EPI_ISL_1307954, EPI_ISL_1307958, EPI_ISL_1307960, EPI_ISL_1307961, EPI_ISL_1307962, EPI_ISL_1307963, EPI_ISL_1307964, EPI_ISL_1307965, EPI_ISL_1307968, EPI_ISL_1307969, EPI_ISL_1307971, EPI_ISL_1307973, EPI_ISL_1307974, EPI_ISL_1307975, EPI_ISL_1307976, EPI_ISL_1307977, EPI_ISL_1307978, EPI_ISL_1307980, EPI_ISL_1307981, EPI_ISL_1307982, EPI_ISL_1307983, EPI_ISL_1307984, EPI_ISL_1307985, EPI_ISL_1307986, EPI_ISL_1307987, EPI_ISL_1307988, EPI_ISL_1307989, EPI_ISL_1307992, EPI_ISL_1307993, EPI_ISL_1307994, EPI_ISL_1307995, EPI_ISL_1307996, EPI_ISL_1307997, EPI_ISL_1307998, EPI_ISL_1307999, EPI_ISL_1308002, EPI_ISL_1308003, EPI_ISL_1308004, EPI_ISL_1308006, EPI_ISL_1308007, EPI_ISL_1308008, EPI_ISL_1308009			
see above	Lab. Microbiologia e Virologia Cotugno A.O. dei Colli	TIGEM	Antonio Grimaldi Patrizia Annunziata Francesco Panariello Biancamaria Pierri Claudia Tiberio Valentina Bouche Chiara Colantuono Maria Concetta Cuomo Denise Di Concilio Lucio Di Filippo Anna Manfredi Marcello Salvi Antonio Limone Luigi Atripaldi Pellegrino Cerino Andrea Ballabio Davide Cacchiarelli
EPI_ISL_1308489, EPI_ISL_1308500, EPI_ISL_1308505, EPI_ISL_1308509, EPI_ISL_1308527	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_1308640, EPI_ISL_1308644, EPI_ISL_1308645	University of Exeter	COVID-19 Genomics UK (COG-UK) Consortium	Ben Temperton, Aaron Jeffries, Michelle Michelsen, Joanna Warwick-Dugdale, Audrey Farbos, Robyn Manley, Stephen Michell, Jane Masoli
EPI_ISL_1308778, EPI_ISL_1308812, EPI_ISL_1308857, EPI_ISL_1308865, EPI_ISL_1308866	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_1308871, EPI_ISL_1308872,	University Hospitals Of Leicester NHS Trust and DeepSeq	COVID-19 Genomics UK (COG-UK) Consortium	Christopher Holmes, Paul Bird, Thomas Helmer, Karlie Fallon, Julian Tang, Jonathan Ball, Patrick McClure, Joseph Chappell, Nadine Holmes, Matthew

EPI_ISL_1308873, EPI_ISL_1308876	Nottingham		Carlisle, Christopher Moore, Fei Sang, Johnny Debebe, Victoria Wright, Matthew Loose	
EPI_ISL_1308942, EPI_ISL_1308943, EPI_ISL_1308944, EPI_ISL_1308945, EPI_ISL_1308946, EPI_ISL_1308947, EPI_ISL_1308948	Liverpool Clinical Laboratories	COVID-19 Genomics UK (COG-UK) Consortium	Sam Haldenby, Alistair Darby, Steve Paterson, Anita Lucaci, Julian Hiscox, M Almsaud, A Alrezaihi, Muhannad Alruwaili, Stuart D Armstrong, Jones Benjamin, Eleanor G Bentley, Anu Chawla, Jordan J Clark, Angela Cowell, Richard Eccles, Isabel Garcia-Dorival, Matthew Gemmell, Alessandro Gerada, PKF Gilmore, Richard Gregory, Ximeng Han, Catherine Hartley, Margaret Hughes, Miren Iturriza-Gomara, James Johnson, L Luu, Jenifer Manson, Charlotte Nelson, Elaine O'Toole, Cassie Olateju, Rebekah Penrice-Randal , Lucille Rainbow, N.P Randle, Trevor Ian Robinson, Parul Sharma, Ghada T Shawli, James P Stewart, Neil Swainston, Ecaterina Vamos, Joanne Watts, Mark Whitehead, Hermione Webster	
EPI_ISL_1309455, EPI_ISL_1309507, EPI_ISL_1309508, EPI_ISL_1309509, EPI_ISL_1309510, EPI_ISL_1309529, EPI_ISL_1309530, EPI_ISL_1309531, EPI_ISL_1309533, EPI_ISL_1309534, EPI_ISL_1309535	see above	Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust	COVID-19 Genomics UK (COG-UK) Consortium	Darren L Smith,Andrew Nelson,Matthew Bashton,Greg R Young,Joshua Loh,John Allan,Mohammad A Tariq,Giles S Holt,Gary Black,Wen C Yew,Lynn Dover,Paul Baker,Steve Liggett,Sarah Essex,Jane Greenaway,Debra Padgett,Clive Graham,Garren Scott,Edward Barton,Emma Swindells,Brendan Payne,Jennifer Collins,Yusrì Taha,Gary Eltringham
EPI_ISL_1309666, EPI_ISL_1309679, EPI_ISL_1309680, EPI_ISL_1309681, EPI_ISL_1309686, EPI_ISL_1309688, EPI_ISL_1309690, EPI_ISL_1309692	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_1309720	Lincolnshire Hospitals and DeepSeq Nottingham		COVID-19 Genomics UK (COG-UK) Consortium	Nichola Duckworth, Tim Sloan, Sarah Walsh, Jonathan Ball, Patrick McClure, Joseph Chappell, Nadine Holmes, Matthew Carlisle, Christopher Moore, Fei Sang, Johnny Debebe, Victoria Wright, Matthew Loose
EPI_ISL_1309793, EPI_ISL_1309796, EPI_ISL_1309797, EPI_ISL_1309798, EPI_ISL_1309799, EPI_ISL_1309800, EPI_ISL_1309801, EPI_ISL_1309802, EPI_ISL_1309803, EPI_ISL_1309814, EPI_ISL_1309816, EPI_ISL_1309817, EPI_ISL_1309818, EPI_ISL_1309819, EPI_ISL_1309829, EPI_ISL_1309831, EPI_ISL_1309838, EPI_ISL_1309841, EPI_ISL_1309844, EPI_ISL_1309845, EPI_ISL_1309846, EPI_ISL_1309851, EPI_ISL_1309854, EPI_ISL_1309858, EPI_ISL_1309864, EPI_ISL_1309876, EPI_ISL_1309877, EPI_ISL_1309885, EPI_ISL_1309886, EPI_ISL_1309892, EPI_ISL_1309897, EPI_ISL_1309912, EPI_ISL_1309913, EPI_ISL_1309918, EPI_ISL_1309919, EPI_ISL_1309925, EPI_ISL_1309926, EPI_ISL_1309930, EPI_ISL_1309931, EPI_ISL_1309940, EPI_ISL_1309946, EPI_ISL_1309948, EPI_ISL_1309949, EPI_ISL_1309950, EPI_ISL_1309951, EPI_ISL_1309965, EPI_ISL_1309968, EPI_ISL_1309969, EPI_ISL_1309970, EPI_ISL_1309981, EPI_ISL_1309994, EPI_ISL_1309995, EPI_ISL_1309996, EPI_ISL_1309998, EPI_ISL_1309999, EPI_ISL_1310009, EPI_ISL_1310033	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_1310440, EPI_ISL_1310444	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_1310462, EPI_ISL_1310493, EPI_ISL_1310520, EPI_ISL_1310622, EPI_ISL_1310623, EPI_ISL_1310624, EPI_ISL_1310627, EPI_ISL_1310630, EPI_ISL_1310631, EPI_ISL_1310635, EPI_ISL_1310640, EPI_ISL_1310641, EPI_ISL_1310642, EPI_ISL_1310646, EPI_ISL_1310651, EPI_ISL_1310652, EPI_ISL_1310661, EPI_ISL_1310662, EPI_ISL_1310663, EPI_ISL_1310667, EPI_ISL_1310671, EPI_ISL_1310672, EPI_ISL_1310673, EPI_ISL_1310676, EPI_ISL_1310677, EPI_ISL_1310681, EPI_ISL_1310682, EPI_ISL_1310685, EPI_ISL_1310686, EPI_ISL_1310691	see above	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun, Yasmin Chaudhry, Iliana Georgana, Myra Hosmillo, Rhys Izuagbe, William L. Hamilton, Martin D. Curran, Surendra Parmar, Ian Goodfellow
EPI_ISL_1310726, EPI_ISL_1310745, EPI_ISL_1310759, EPI_ISL_1310764	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_1310795	Istituto Zooprofilattico Sperimentale del Mezzogiorno	TIGEM		Antonio Grimaldi Patrizia Annunziata Francesco Panariello Biancamaria Pierri Claudia Tiberio Valentina Bouche Chiara Colantuono Maria Concetta Cuomo Denise Di Concilio Lucio Di Filippo Anna Manfredi Marcello Salvi Antonio Limone Luigi Atripaldi Pellegrino Cerino Andrea Ballabio Davide Cacchiarelli
EPI_ISL_1311172, EPI_ISL_1311173, EPI_ISL_1311198, EPI_ISL_1311199	Dutch COVID-19 response team	Erasmus Medical Center		Bas Oude Munnink, Reina Sikkema, David Nieuwenhuijse, Irina Chestakova, Anne van der Linden, Marjan Boter, Emmanuelle Munger, Corine GeurtsvanKessel, Annemiek van der Eijk, Richard Molenkamp, Marion Koopmans, on behalf of the Dutch national COVID-19 response team.
EPI_ISL_1311970, EPI_ISL_1311971, EPI_ISL_1311972	CHWAPI - SITE NOTRE DAME	Institut de Pathologie et Genetique (IPG)		Pascale Hilbert, Jérémie Gras
EPI_ISL_1312356, EPI_ISL_1312357, EPI_ISL_1312358	Gravity Diagnostics	Kentucky State Public Health Lab		Stephanie Lunn, Karim George, Joshua Tobias, William Grooms, Vaneet Arora, Matthew Johnson, Rachel Zinner, Rhonda Lucas
EPI_ISL_1312797, EPI_ISL_1312798, EPI_ISL_1312799	CH ALBI	CNR Virus des Infections Respiratoires - France SUD		Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1312800, EPI_ISL_1312801	CH BASTIA	CNR Virus des Infections Respiratoires - France SUD		Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1312802	MEDIPOLE CHALLES LES EAUX	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_1312803	CHU TOULOUSE	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_1312804	CH NIORT	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_1312931	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_1312932	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_1312933, EPI_ISL_1312934, EPI_ISL_1312935, EPI_ISL_1312936, EPI_ISL_1312937, EPI_ISL_1312954, EPI_ISL_1312955, EPI_ISL_1312956	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_1312957	CENTRE HOSPITALIER PIERRE OUDOT	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_1312958	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_1312959	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_1312960	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_1313325, EPI_ISL_1313327, EPI_ISL_1313329, EPI_ISL_1313330, EPI_ISL_1313334, EPI_ISL_1313336, EPI_ISL_1313339, EPI_ISL_1313342, EPI_ISL_1313347, EPI_ISL_1313350, EPI_ISL_1313351, EPI_ISL_1313352, EPI_ISL_1313356, EPI_ISL_1313360, EPI_ISL_1313363, EPI_ISL_1313364, EPI_ISL_1313365, EPI_ISL_1313367, EPI_ISL_1313369, EPI_ISL_1313503, EPI_ISL_1313506, EPI_ISL_1313507, EPI_ISL_1313512, EPI_ISL_1313514, EPI_ISL_1313515, EPI_ISL_1313516, EPI_ISL_1313519, EPI_ISL_1313522, EPI_ISL_1313523, EPI_ISL_1313524, EPI_ISL_1313526, EPI_ISL_1313535, EPI_ISL_1313536, EPI_ISL_1313537, EPI_ISL_1313540, EPI_ISL_1313541	see above	Karolinska University Hospital	Karolinska University Hospital	Jan Albert, Tobias Allander, Annelie Bjerkner, Sandra Broddesson, Robert Dyrdak, Martin Ekman, Lynda Eneh, Lina Guerra Blomqvist, Karolina Ininbergs, Tanja Normark, Isak Sylvén, Zhibing Yun, Martina Wahlund, Valtteri Wirta
EPI_ISL_1313560, EPI_ISL_1313563	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_1313565, EPI_ISL_1313589	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_1313590, EPI_ISL_1313591, EPI_ISL_1313592, EPI_ISL_1313593, EPI_ISL_1313594	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_1313595	CH GIVORS	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_1313596	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_1313597, EPI_ISL_1313598	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_1313599, EPI_ISL_1313600	CH GIVORS	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_1313601, EPI_ISL_1313602	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_1313603	CENTRE HOSPITALIER PIERRE OUDOT	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_1313607, EPI_ISL_1313644, EPI_ISL_1313645	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_1313646, EPI_ISL_1313647	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_1313648	CENTRE HOSPITALIER PIERRE OUDOT	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_1313649, EPI_ISL_1313650, EPI_ISL_1313651	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_1313652	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_1313653, EPI_ISL_1313654, EPI_ISL_1313655	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_1313656, EPI_ISL_1313657	CENTRE HOSPITALIER PIERRE OUDOT	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_1313658, EPI_ISL_1313659, EPI_ISL_1313660	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_1314197	Kentucky State Public Health Lab	Kentucky State Public Health Lab	Stephanie Lunn, Karim George, Joshua Tobias, William Grooms, Vaneet Arora, Matthew Johnson, Rachel Zinner, Rhonda Lucas
EPI_ISL_1314201	Gravity Diagnostics	Kentucky State Public Health Lab	Stephanie Lunn, Karim George, Joshua Tobias, William Grooms, Vaneet Arora, Matthew Johnson, Rachel Zinner, Rhonda Lucas
EPI_ISL_1314237, EPI_ISL_1314238, EPI_ISL_1314239, EPI_ISL_1314240, EPI_ISL_1314252	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_1314408	Norwegian Institute of Public Health, Department of Virology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1314417, EPI_ISL_1314418, EPI_ISL_1314419, EPI_ISL_1314420, EPI_ISL_1314421, EPI_ISL_1314422, EPI_ISL_1314423, EPI_ISL_1314424, EPI_ISL_1314425, EPI_ISL_1314426, EPI_ISL_1314427, EPI_ISL_1314428, EPI_ISL_1314429, EPI_ISL_1314432, EPI_ISL_1314433	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_1314435, EPI_ISL_1314436, EPI_ISL_1314437, EPI_ISL_1314438, EPI_ISL_1314439, EPI_ISL_1314440, EPI_ISL_1314441, EPI_ISL_1314442, EPI_ISL_1314443, EPI_ISL_1314444, EPI_ISL_1314447, EPI_ISL_1314448, EPI_ISL_1314449	Hospital of Southern Norway - Kristiansand, Department of Medical Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1314453, EPI_ISL_1314454, EPI_ISL_1314455, EPI_ISL_1314456	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_1314465	Dept. of Medical Microbiology, Stavanger University Hospital, Helse Stavanger HF	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_1314466, EPI_ISL_1314467, EPI_ISL_1314468, EPI_ISL_1314469	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_1314481, EPI_ISL_1314482	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_1314483, EPI_ISL_1314484	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_1314487, EPI_ISL_1314488, EPI_ISL_1314489, EPI_ISL_1314490, EPI_ISL_1314491, EPI_ISL_1314492	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_1314494, EPI_ISL_1314501, EPI_ISL_1314512, EPI_ISL_1314514, EPI_ISL_1314516, EPI_ISL_1314519, EPI_ISL_1314521	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_1315084, EPI_ISL_1315089, EPI_ISL_1315090	Nebraska Public Health Laboratory	NPHL COVID-19 Response Team	NPHL COVID-19 Response Team
EPI_ISL_1315177, EPI_ISL_1315180, EPI_ISL_1315183	The Jackson Laboratory	The Jackson Laboratory	Bergeron D, Renzette N, Adams M, Omerza G, Kelly K, Li L
EPI_ISL_1315289, EPI_ISL_1315291, EPI_ISL_1315295, EPI_ISL_1315298, EPI_ISL_1315299, EPI_ISL_1315301	National Food and Veterinary Risk Assessment Institute	Vilnius University Hospital Santaros Klinikos, Center of Laboratory Medicine	Ingrida Olendraite, Gytis Dudas, Rimvydas Norvilas, Dovile Ezerskyte, Daniel Naumovas, Ligita Raugaite, Monika Katenaite, Mindaugas Stoskus, Laimonas Griskevicius
EPI_ISL_1315608	AZ Klina	AZ Klina	Carl Vael, Lynsey Berckmans
EPI_ISL_1315994	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_1316000, EPI_ISL_1316001, EPI_ISL_1316003, EPI_ISL_1316011, EPI_ISL_1316014, EPI_ISL_1316015, EPI_ISL_1316018, EPI_ISL_1316095, EPI_ISL_1316101, EPI_ISL_1316102, EPI_ISL_1316103, EPI_ISL_1316105, EPI_ISL_1316106, EPI_ISL_1316107, EPI_ISL_1316108, EPI_ISL_1316110, EPI_ISL_1316115, EPI_ISL_1316119, EPI_ISL_1316121, EPI_ISL_1316124, EPI_ISL_1316129, EPI_ISL_1316130, EPI_ISL_1316131, EPI_ISL_1316133, EPI_ISL_1316139, EPI_ISL_1316140, EPI_ISL_1316142, EPI_ISL_1316148, EPI_ISL_1316149, EPI_ISL_1316152, EPI_ISL_1316153, EPI_ISL_1316154, EPI_ISL_1316157, EPI_ISL_1316162, EPI_ISL_1316168, EPI_ISL_1316169, EPI_ISL_1316173, EPI_ISL_1316177, EPI_ISL_1316179, EPI_ISL_1316185, EPI_ISL_1316186, EPI_ISL_1316187, EPI_ISL_1316191, EPI_ISL_1316194, EPI_ISL_1316203, EPI_ISL_1316206, EPI_ISL_1316214, EPI_ISL_1316224, EPI_ISL_1316226, EPI_ISL_1316229	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	
see above	Lighthouse Lab in Cambridge	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_1316418, EPI_ISL_1316419, EPI_ISL_1316420, EPI_ISL_1316421, EPI_ISL_1316422	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1316423	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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		(COG-UK) Consortium	Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1316711	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_1316712, EPI_ISL_1316713, EPI_ISL_1316714, EPI_ISL_1316715, EPI_ISL_1316716, EPI_ISL_1316717, EPI_ISL_1316718	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_1316719	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_1316720	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_1316721, EPI_ISL_1316723	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_1316724	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_1316725	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_1316726	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_1316727	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_1316728, EPI_ISL_1316729, EPI_ISL_1316730	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_1316731	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_1316732, EPI_ISL_1316733, EPI_ISL_1316734, EPI_ISL_1316735, EPI_ISL_1316736, EPI_ISL_1316737, EPI_ISL_1316738, EPI_ISL_1316740, EPI_ISL_1316741, EPI_ISL_1316742, EPI_ISL_1316743, EPI_ISL_1316744			
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_1316745	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_1316746, EPI_ISL_1316747, EPI_ISL_1316748, EPI_ISL_1316749, EPI_ISL_1316750, EPI_ISL_1316751, EPI_ISL_1316752, EPI_ISL_1316753, EPI_ISL_1316754, EPI_ISL_1316755, EPI_ISL_1316756, EPI_ISL_1316758, EPI_ISL_1316759, EPI_ISL_1316760, EPI_ISL_1316761			
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_1316762	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_1316763	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_1316765	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_1316766, EPI_ISL_1316767, EPI_ISL_1316768, EPI_ISL_1316769, EPI_ISL_1316770, EPI_ISL_1316771, EPI_ISL_1316772	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_1316773	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_1316774, EPI_ISL_1316775, EPI_ISL_1316776, EPI_ISL_1316778, EPI_ISL_1316779, EPI_ISL_1316780, EPI_ISL_1316781, EPI_ISL_1316782	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_1317285	Norwegian Institute of Public Health, Department of Virology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vøllan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1321467	Genetica Molecular and Subdepartamento de Virologia ISP Chile	Instituto de Salud Publica de Chile	Javier Tognarelli, Karen Orostica, Barbara Parra, Loredana Arata, Jaime Lagos, Gisselle Barra, Patricia Bustos, Rodrigo Fasce, Andres Castillo, Jorge Fernandez
EPI_ISL_1321650, EPI_ISL_1321651	Clinical Molecular Microbiology Laboratory, UNC Hospitals	Jeremy Wang	Jeremy Wang, Alexander Rubinsteyn, Colleen Rice, Jason Smedberg, Shawn Hawken, Melissa Miller, Corbin Jones, Robert Hagan
EPI_ISL_1321757, EPI_ISL_1321758, EPI_ISL_1321762, EPI_ISL_1321772,	Azienda Ospedaliera Terni	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Palumbo M, Scaccetti A, Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G

EPI_ISL_1321773, EPI_ISL_1321788, EPI_ISL_1321789, EPI_ISL_1321791, EPI_ISL_1321792			
EPI_ISL_1321858, EPI_ISL_1321860, EPI_ISL_1321861, EPI_ISL_1321862, EPI_ISL_1321863, EPI_ISL_1321874, EPI_ISL_1321875, EPI_ISL_1321877, EPI_ISL_1321880, EPI_ISL_1321885, EPI_ISL_1321886, EPI_ISL_1321887, EPI_ISL_1321888, EPI_ISL_1321890, EPI_ISL_1321892, EPI_ISL_1321893, EPI_ISL_1321894			
see above	TXDSHS	TXDSHS	Rashmi Tuladhar, Bonnie Oh, Jenny Zhang, Maliha Rahman, Mayela Pedrueza, Anita Pokharel, Myong Koag, Chun Wang, Rachel Lee, Grace Kubin
EPI_ISL_1321932, EPI_ISL_1321933, EPI_ISL_1321934, EPI_ISL_1321935, EPI_ISL_1321936, EPI_ISL_1321937, EPI_ISL_1321938, EPI_ISL_1321939	E. Gulbja laboratorija	Latvian Biomedical Research and Study Centre	Janis Pjalkovskis, Nikita Zrelavs, Monta Ustinova, Ivars Silamikelis, Liga Birzniece, Kaspars Megnis, Una Krumina, Guntars Zarins, Vita Rovite, Lauma Freimane, Laila Silamikele, Laura Ansone, Davids Fridmanis, Elina Dimina, Reinis Zeltmanis, Diana Dusacka, Jurijs Perevoscikovs, Uga Dumpis, Janis Klovins
EPI_ISL_1321940	LIC	Latvian Biomedical Research and Study Centre	Janis Pjalkovskis, Nikita Zrelavs, Monta Ustinova, Ivars Silamikelis, Liga Birzniece, Kaspars Megnis, Una Krumina, Guntars Zarins, Vita Rovite, Lauma Freimane, Laila Silamikele, Laura Ansone, Davids Fridmanis, Elina Dimina, Mikus Gavars, Dmitrijs Perminovs, Jurijs Perevoscikovs, Uga Dumpis, Janis Klovins
EPI_ISL_1321941, EPI_ISL_1321942, EPI_ISL_1321943, EPI_ISL_1321944, EPI_ISL_1321945, EPI_ISL_1321946, EPI_ISL_1321947, EPI_ISL_1321948	E. Gulbja laboratorija	Latvian Biomedical Research and Study Centre	Janis Pjalkovskis, Nikita Zrelavs, Monta Ustinova, Ivars Silamikelis, Liga Birzniece, Kaspars Megnis, Una Krumina, Guntars Zarins, Vita Rovite, Lauma Freimane, Laila Silamikele, Laura Ansone, Davids Fridmanis, Elina Dimina, Mikus Gavars, Dmitrijs Perminovs, Jurijs Perevoscikovs, Uga Dumpis, Janis Klovins
EPI_ISL_1322036	Lab voor klinische biologie	Lab voor klinische biologie	Marija Janevska, Hannelore Hamerlinck, Bruno Verhasselt
EPI_ISL_1322193, EPI_ISL_1322194, EPI_ISL_1322200, EPI_ISL_1322201, EPI_ISL_1322203	Microbiology Department, Laboratori Clínic Metropolitana Nord. Hospital Universitari Germans Trias i Pujol.	Can SARS-CoV-2 Sequencing Hub (HUGTIP/IRSI/CAIXA/IGTP)	Marc Noguera-Julian, Pilar Armengol, Ignacio Blanco, Antoni E Bordoy, Francesc Catala-Moll, Pere-Joan Cardona, Julia G Prado, Carol Galvez Maria Casadellà, Cristina Casañ, Gemma Clara, Irina Pey, Jordi Barretina, Bonaventura Clotet, Cristina Esteban, Montserrat Giménez, Mercedes Guerrero, Anna Not, Roger Paredes, Mariona Parera, Verónica Saludes, Alba Sánchez, and Elisa Marró on behalf of the Can Ruti SARS-CoV-2 Sequencing Hub.
EPI_ISL_1322204, EPI_ISL_1322205, EPI_ISL_1322218	IrsiCaixa	IrsiCaixa	Marc Noguera-Julian, Mariona Parera, Maria Casadellà, Pilar Armengol, Francesc Catala-Moll, Roger Paredes, Bonaventura Clotet Gloria Trujillo, Rafael Perez Vidal, Jaume Trape Pujol, Carolina Gonzalez Fernandez, Roger Paredes, Eulalia Grau, Bonaventura Clotet
EPI_ISL_1322238, EPI_ISL_1322244, EPI_ISL_1322245	Dept. of Microbiology and Infection Control, Akershus University Hospital HF	Dept. of Microbiology and Infection Control, Akershus University Hospital HF	Hege Vangstein Aamot, Alexander Hesselberg Lovestad
EPI_ISL_1323120, EPI_ISL_1323121, EPI_ISL_1323123	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 Vollen, Karoline Bragstad, Olav Hungnes
EPI_ISL_1323124	Haukeland University Hospital, Dept. of Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollen, Karoline Bragstad, Olav Hungnes
EPI_ISL_1323125, EPI_ISL_1323128, EPI_ISL_1323129	Norwegian Institute of Public Health, Department of Virology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollen, Karoline Bragstad, Olav Hungnes
EPI_ISL_1323132, EPI_ISL_1323134	Medical Microbiology Unit, Department for Laboratory Medicine, Drammen Hospital, Vestre Viken Health Trust,	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollen, Karoline Bragstad, Olav Hungnes
EPI_ISL_1323139, EPI_ISL_1323141, EPI_ISL_1323142, EPI_ISL_1323143, EPI_ISL_1323152, EPI_ISL_1323154	University Hospital of Northern Norway, Department for Microbiology and Infectious Disease Control	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollen, Karoline Bragstad, Olav Hungnes
EPI_ISL_1323169	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 Vollen, Karoline Bragstad, Olav Hungnes
EPI_ISL_1323624, EPI_ISL_1323631, EPI_ISL_1323633, EPI_ISL_1323634	Montana Public Health Laboratory	Montana Public Health Laboratory	Joy Ritter, Michelle Mozer, Carrie Biskupiak, Deborah Gibson
EPI_ISL_1323991, EPI_ISL_1323992, EPI_ISL_1323994	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 Vollen, Karoline Bragstad, Olav Hungnes
EPI_ISL_1324003, EPI_ISL_1324004	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 Vollen, Karoline Bragstad, Olav Hungnes
EPI_ISL_1324101, EPI_ISL_1324102	Dutch COVID-19 response team	Erasmus Medical Center	Bas Oude Munnink, Reina Sikkema, David Nieuwenhuijs, Irina Chestakova, Anne van der Linden, Marjan Boter, Emmanuelle Munger, Corine GeurtsvanKessel, Annemiek van der Eijk, Richard Molenkamp, Marion Koopmans, on behalf of the Dutch national COVID-19 response team.
EPI_ISL_1324768	Laboratorio de Virologia HUCA	Laboratorio de Virologia HUCA	Sandoval M, Castelló C, Gómez de Oña J, Boga JA, Rojo S, Alvarez-Arguelles ME, Abreu F, Costales I, Perez-Martínez Z, Martín-Rodríguez G, Coto E, Melón S
EPI_ISL_1324832, EPI_ISL_1324974, EPI_ISL_1325066	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_1326674, EPI_ISL_1326719, EPI_ISL_1326721, EPI_ISL_1326819, EPI_ISL_1326831, EPI_ISL_1326848, EPI_ISL_1326856, EPI_ISL_1326877, EPI_ISL_1326881, EPI_ISL_1326883, EPI_ISL_1326917, EPI_ISL_1326935, EPI_ISL_1326946, EPI_ISL_1326954, EPI_ISL_1326958, EPI_ISL_1326988, EPI_ISL_1326992, EPI_ISL_1327004, EPI_ISL_1327041			
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_1327058	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_1327072, EPI_ISL_1327079, EPI_ISL_1327100	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_1327141	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_1327157, EPI_ISL_1327162, EPI_ISL_1327181, EPI_ISL_1327205, EPI_ISL_1327206, EPI_ISL_1327228, EPI_ISL_1327263, EPI_ISL_1327267, EPI_ISL_1327287, EPI_ISL_1327304, EPI_ISL_1327325, EPI_ISL_1327332, EPI_ISL_1327346, EPI_ISL_1327389, EPI_ISL_1327406, EPI_ISL_1327435, EPI_ISL_1327449, EPI_ISL_1327450, EPI_ISL_1327454, EPI_ISL_1327464, EPI_ISL_1327482, EPI_ISL_1327485, EPI_ISL_1327506, EPI_ISL_1327509, EPI_ISL_1327537, EPI_ISL_1327600, EPI_ISL_1327604, EPI_ISL_1327610, EPI_ISL_1327659, EPI_ISL_1327683, EPI_ISL_1327697			
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_1328898, EPI_ISL_1328902, EPI_ISL_1328909, EPI_ISL_1328910, EPI_ISL_1328913, EPI_ISL_1328916	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_1328917	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_1328921, EPI_ISL_1328924,	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan

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EPI_ISL_1335873	AZ Sint-Jan	AZ SINT-JAN BRUGGE	Marijke Reynders, Patrick Descheemaeker, Laurien Hoornaert, Thomas Van Landschoot, Jom Hellemaans
EPI_ISL_1336292, EPI_ISL_1336319	MD PHL	MD PHL	Maryland Department of Health Laboratories Administration
EPI_ISL_1336493, EPI_ISL_1336506	Microbiology Department, University Hospital Donostia	Microbiology Department, University Hospital Donostia	Marimón JM, Montes M, Piñeiro L, Sorraín A, Gómez M, Cilla G.
EPI_ISL_1336651	Azienda Ospedaliera Terni	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Palumbo M, Scaccetti A, Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1336660	OSPEDALE SAN SALVATORE - MEDICINA DI LABORATORIO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo V, Mangone I, Rinaldi A, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1336673	USCA Sulmona	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo V, Mangone I, Rinaldi A, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1336674, EPI_ISL_1336675	SIESP CHIETI - DRIVE IN CHIETI	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo V, Mangone I, Rinaldi A, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1336676	DIP. PREV. AVEZZANO SERVIZIO DI IGIENE EPIDEMIOLOGIA E SANITA' PUBBLICA	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo V, Mangone I, Rinaldi A, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1336677	SIESP SULMONA	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo V, Mangone I, Rinaldi A, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1336678	SIESP DIPARTIMENTO DI PREVENZIONE CHIETI	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo V, Mangone I, Rinaldi A, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1336679	RSA GIULIANOVA	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo V, Mangone I, Rinaldi A, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1336680	Presidio Ospedaliero "San Liberatore" Atri	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo V, Mangone I, Rinaldi A, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1336681	SIESP SULMONA	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo V, Mangone I, Rinaldi A, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1336682	USCA Sulmona	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo V, Mangone I, Rinaldi A, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1336683, EPI_ISL_1336696	SIESP CHIETI - DRIVE IN CHIETI	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo V, Mangone I, Rinaldi A, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1336697	OSPEDALE "F. RENZETTI" LANCIANO - ORTOPEDIA E TRAUMATOLOGIA	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo V, Mangone I, Rinaldi A, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1336698	USCA Sulmona	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo V, Mangone I, Rinaldi A, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1336699	SIESP DIPARTIMENTO DI PREVENZIONE CHIETI	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo V, Mangone I, Rinaldi A, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1336700	SIESP CHIETI - DRIVE IN GISSI	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo V, Mangone I, Rinaldi A, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1336701	SIESP CHIETI - DRIVE IN VASTO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo V, Mangone I, Rinaldi A, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1336702	USCA Sulmona	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo V, Mangone I, Rinaldi A, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1336703	SIESP CHIETI - DRIVE IN ORTONA	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo V, Mangone I, Rinaldi A, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1336712	SIESP CHIETI - DRIVE IN CHIETI	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo V, Mangone I, Rinaldi A, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1336713	SIESP DIPARTIMENTO DI PREVENZIONE TERAMO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo V, Mangone I, Rinaldi A, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1336714	SIESP CHIETI - DRIVE IN CHIETI	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo V, Mangone I, Rinaldi A, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1336715, EPI_ISL_1336716, EPI_ISL_1336717	USCA Castel di Sangro	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo V, Mangone I, Rinaldi A, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1336718	SIESP DIPARTIMENTO DI PREVENZIONE TERAMO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo V, Mangone I, Rinaldi A, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1336719, EPI_ISL_1336720	SIESP CHIETI - DRIVE IN ORTONA	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo V, Mangone I, Rinaldi A, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1336721	USCA Pescara	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo V, Mangone I, Rinaldi A, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1336722	USCA Castel di Sangro	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo V, Mangone I, Rinaldi A, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1336723	SIESP DIPARTIMENTO DI PREVENZIONE TERAMO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo V, Mangone I, Rinaldi A, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1336724	USCA Castel di Sangro	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di L



		Caporale"	I, Calistri P, Savini G
EPI_ISL_1336741	SIESP CHIETI - DRIVE IN CHIETI	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo V, Mangone I, Rinaldi A, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1336742	USCA Castel di Sangro	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo V, Mangone I, Rinaldi A, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1336743	RSA GIULIANOVA	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo V, Mangone I, Rinaldi A, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1336744, EPI_ISL_1336745	USCA Castel di Sangro	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo V, Mangone I, Rinaldi A, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1336746	SIESP DIPARTIMENTO DI PREVENZIONE TERAMO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo V, Mangone I, Rinaldi A, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1336747, EPI_ISL_1336748	SIESP CHIETI - DRIVE IN ORTONA	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo V, Mangone I, Rinaldi A, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1336749	DIP. PREV. AVEZZANO SERVIZIO DI IGIENE EPIDEMIOLOGIA E SANITA' PUBBLICA	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo V, Mangone I, Rinaldi A, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1336750	USCA Pescara	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo V, Mangone I, Rinaldi A, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1336751	SIESP CHIETI - DRIVE IN CHIETI	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo V, Mangone I, Rinaldi A, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1336752, EPI_ISL_1336753	USCA Castel di Sangro	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo V, Mangone I, Rinaldi A, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1336754	SIESP CHIETI - DRIVE IN VASTO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo V, Mangone I, Rinaldi A, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1336755	SIESP DIPARTIMENTO DI PREVENZIONE TERAMO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo V, Mangone I, Rinaldi A, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1336756	Simeoni - La Casa del Sole	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo V, Mangone I, Rinaldi A, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1336757, EPI_ISL_1336758	SIESP DIPARTIMENTO DI PREVENZIONE TERAMO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo V, Mangone I, Rinaldi A, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1336763, EPI_ISL_1336764, EPI_ISL_1336765	SIESP CHIETI - DRIVE IN LANCIANO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo V, Mangone I, Rinaldi A, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1336768, EPI_ISL_1336769	SIESP DIPARTIMENTO DI PREVENZIONE TERAMO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo V, Mangone I, Rinaldi A, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1337451	LHUB-ULB	UAntwerp, Laboratory of Medical Microbiology	Basil Britto Xavier, Jasmine Coppens, Marie Le Mercier, Christine Lammens, Veerle Matheeußen, Herman Goossens
EPI_ISL_1337779, EPI_ISL_1337780, EPI_ISL_1337781, EPI_ISL_1337782, EPI_ISL_1337783, EPI_ISL_1337784, EPI_ISL_1337785, EPI_ISL_1337787, EPI_ISL_1337788, EPI_ISL_1337789, EPI_ISL_1337792, EPI_ISL_1337793, EPI_ISL_1337806, EPI_ISL_1337807, EPI_ISL_1337809, EPI_ISL_1337818, EPI_ISL_1337826, EPI_ISL_1337827, EPI_ISL_1337831, EPI_ISL_1337834, EPI_ISL_1337860, EPI_ISL_1337917			
see above	Dutch COVID-19 response team	Medical Microbiology, Maastricht University Medical Centre	Jozef Dingemans*, Brian van der Veer*, Erik Beuken, Carmen Reumkens, Lieke van Alphen, Christian Hoebe, Paul Savelkoul
EPI_ISL_1340196, EPI_ISL_1340199, EPI_ISL_1340205, EPI_ISL_1340214, EPI_ISL_1340232	NJDOH, Public Health and Environmental Laboratories	New Jersey Public Health and Environmental Laboratories (PHEL)	Lindsey Bodnar, Shiv K. Verma, Dana Woell, Byeong Jeong
EPI_ISL_1343361, EPI_ISL_1343371, EPI_ISL_1343378, EPI_ISL_1343403, EPI_ISL_1343499, EPI_ISL_1343539, EPI_ISL_1343541	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_1344511, EPI_ISL_1344512, EPI_ISL_1344527	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_1344677, EPI_ISL_1344766, EPI_ISL_1344780, EPI_ISL_1344859	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_1346327	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_1346345	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_1346364, EPI_ISL_1346366, EPI_ISL_1346369, EPI_ISL_1346371, EPI_ISL_1346442	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_1347009, EPI_ISL_1347013, EPI_ISL_1347016, EPI_ISL_1347017, EPI_ISL_1347019	Microbiology Department, Laboratori Clínica Metropolitana Nord. Hospital Universitari Germans Trias i Pujol.	Can Ruti SARS-CoV-2 Sequencing Hub (HUGTIP/IrsiCaixa/IGTP)	Marc Noguera-Julian, Pilar Armengol, Ignacio Blanco, Antoni E Bordoy, Francesc Catala-Moll, Pere-Joan Cardona, Maria Casadellà, Cristina Casañ, Gemma Clara, Bonaventura Clotet, Cristina Esteban, Montserrat Giménez, Mercedes Guerrero, Anna Not, Roger Paredes, Mariona Parera, Verónica Saludes, Alba Sánchez, and Elisa Martró on behalf of the Can Ruti SARS-CoV-2 Sequencing Hub.
EPI_ISL_1347602	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 Vollen, Karoline Bragstad, Olav Hungnes
EPI_ISL_1347614	Norwegian Institute of Public Health, Department of Virology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollen, Karoline Bragstad, Olav Hungnes
EPI_ISL_1347808, EPI_ISL_1347809, EPI_ISL_1347810, EPI_ISL_1347811, EPI_ISL_1347812, EPI_ISL_1347813, EPI_ISL_1347814, EPI_ISL_1347815, EPI_ISL_1347816, EPI_ISL_1347817, EPI_ISL_1347818, EPI_ISL_1347819, EPI_ISL_1347820			
see above	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Maximilian Damagnez;Alexander Dilthey;Torsten Houwaart;Lisanna Hülse;Malte Kohns Vasconcelos;Nadine Lübke;Jessica Nicolai;Klaus Pfeffer;Daniel Strelow;Jörg Timm;Andreas Walker;Tobias Wienemann
EPI_ISL_1347821, EPI_ISL_1347822, EPI_ISL_1347823, EPI_ISL_1347827, EPI_ISL_1347828, EPI_ISL_1347829, EPI_ISL_1347832, EPI_ISL_1347835, EPI_ISL_1347836, EPI_ISL_1347838, EPI_ISL_1347839, EPI_ISL_1347847, EPI_ISL_1347848, EPI_ISL_1347849, EPI_ISL_1347850, EPI_ISL_1347855, EPI_ISL_1347856, EPI_ISL_1347857, EPI_ISL_1347863, EPI_ISL_1347866, EPI_ISL_1347867, EPI_ISL_1347868, EPI_ISL_1347870, EPI_ISL_1347871, EPI_ISL_1347874, EPI_ISL_1347877, EPI_ISL_1347949			
see above	Medical Laboratories Duesseldorf	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Maximilian Damagnez;Alexander Dilthey;Angelika Helmer;Torsten Houwaart;Lisanna Hülse;Christian Lange;Malte Kohns Vasconcelos;Nadine Lübke;Jessica Nicolai;Klaus Pfeffer;Daniel Strelow;Jörg Timm;Andreas Walker;Tobias Wienemann
EPI_ISL_1347952	Center of Medical Microbiology, Virology, and Hospital	Center of Medical Microbiology, Virology, and Hospital	Maximilian Damagnez;Alexander Dilthey;Torsten Houwaart;Lisanna Hülse;Malte Kohns Vasconcelos;Nadine Lübke;Jessica Nicolai;Klaus Pfeffer;Daniel

	Hygiene, University of Duesseldorf	Hygiene, University of Duesseldorf	Strelow;Jörg Timm;Andreas Walker;Tobias Wienemann
EPI_ISL_1347971, EPI_ISL_1347972, EPI_ISL_1347973, EPI_ISL_1347974, EPI_ISL_1347975, EPI_ISL_1347976, EPI_ISL_1347977, EPI_ISL_1347978, EPI_ISL_1347979, EPI_ISL_1347982, EPI_ISL_1347983, EPI_ISL_1347984, EPI_ISL_1347985, EPI_ISL_1347986			
see above	Medical Laboratories Duesseldorf	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Maximilian Damagnez;Alexander Dilthey;Angelika Helmer;Torsten Houwaart;Lisanna Hülse;Christian Lange;Malte Kohns Vasconcelos;Nadine Lübke;Jessica Nicolai;Klaus Pfeffer;Daniel Strelow;Jörg Timm;Andreas Walker;Tobias Wienemann
EPI_ISL_1348000, EPI_ISL_1348002, EPI_ISL_1348003, EPI_ISL_1348004, EPI_ISL_1348005, EPI_ISL_1348006, EPI_ISL_1348007, EPI_ISL_1348008, EPI_ISL_1348009, EPI_ISL_1348010, EPI_ISL_1348011, EPI_ISL_1348012, EPI_ISL_1348013, EPI_ISL_1348014, EPI_ISL_1348015, EPI_ISL_1348016, EPI_ISL_1348017, EPI_ISL_1348018, EPI_ISL_1348019, EPI_ISL_1348020, EPI_ISL_1348021, EPI_ISL_1348022, EPI_ISL_1348023, EPI_ISL_1348024, EPI_ISL_1348025, EPI_ISL_1348026, EPI_ISL_1348027, EPI_ISL_1348028, EPI_ISL_1348029, EPI_ISL_1348030, EPI_ISL_1348031, EPI_ISL_1348032, EPI_ISL_1348033			
see above	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Maximilian Damagnez;Alexander Dilthey;Torsten Houwaart;Lisanna Hülse;Malte Kohns Vasconcelos;Nadine Lübke;Jessica Nicolai;Klaus Pfeffer;Daniel Strelow;Jörg Timm;Andreas Walker;Tobias Wienemann
EPI_ISL_1348039, EPI_ISL_1348044, EPI_ISL_1348048, EPI_ISL_1348053, EPI_ISL_1348056, EPI_ISL_1348058	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1348077	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1348079, EPI_ISL_1348081, EPI_ISL_1348084, EPI_ISL_1348087, EPI_ISL_1348092, EPI_ISL_1348097, EPI_ISL_1348104, EPI_ISL_1348119, EPI_ISL_1348131, EPI_ISL_1348150, EPI_ISL_1348161			
see above	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1348178	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1348185	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1348219, EPI_ISL_1348227, EPI_ISL_1348237, EPI_ISL_1348255	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1348257	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1348262, EPI_ISL_1348269, EPI_ISL_1348277, EPI_ISL_1348280, EPI_ISL_1348287, EPI_ISL_1348291, EPI_ISL_1348296, EPI_ISL_1348321	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1348334	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1348343, EPI_ISL_1348345	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1348347	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1348349, EPI_ISL_1348360, EPI_ISL_1348361, EPI_ISL_1348367	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1348376, EPI_ISL_1348377	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1348380, EPI_ISL_1348383, EPI_ISL_1348390, EPI_ISL_1348393	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1348394, EPI_ISL_1348398, EPI_ISL_1348400	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1348408	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1348416	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1348426	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1348433, EPI_ISL_1348444	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1349188	MVZ Labor Krone GbR	Robert Koch Institute	unknown
EPI_ISL_1349463, EPI_ISL_1349471, EPI_ISL_1349479, EPI_ISL_1349487, EPI_ISL_1349491, EPI_ISL_1349492	IMD Labor Frankfurt	Robert Koch Institute	unknown
EPI_ISL_1349747, EPI_ISL_1349763, EPI_ISL_1349770, EPI_ISL_1349778, EPI_ISL_1349785, EPI_ISL_1349789, EPI_ISL_1349790, EPI_ISL_1349818, EPI_ISL_1349823, EPI_ISL_1349833, EPI_ISL_1349842, EPI_ISL_1349845, EPI_ISL_1349866, EPI_ISL_1349882, EPI_ISL_1349893, EPI_ISL_1349902, EPI_ISL_1349904, EPI_ISL_1349927, EPI_ISL_1349934, EPI_ISL_1349946, EPI_ISL_1349947, EPI_ISL_1349952, EPI_ISL_1349954, EPI_ISL_1349970, EPI_ISL_1349979, EPI_ISL_1349982, EPI_ISL_1350009, EPI_ISL_1350023, EPI_ISL_1350028, EPI_ISL_1350038, EPI_ISL_1350041, EPI_ISL_1350045, EPI_ISL_1350059, EPI_ISL_1350060, EPI_ISL_1350063, EPI_ISL_1350066			
see above	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1350132, EPI_ISL_1350135, EPI_ISL_1350152	IMD - Institut für Medizinische Diagnostik Berlin-Potsdam	Robert Koch Institute	unknown
EPI_ISL_1350227	MVZ Labor Dr. Limbach & Kollegen GbR	Robert Koch Institute	unknown
EPI_ISL_1350640, EPI_ISL_1350661, EPI_ISL_1350668, EPI_ISL_1350697	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1350974	SYNLAB MVZ Hamburg	Robert Koch Institute	unknown
EPI_ISL_1350975, EPI_ISL_1350981	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1350993, EPI_ISL_1350996	SYNLAB MVZ Hamburg	Robert Koch Institute	unknown
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EPI_ISL_1351092, EPI_ISL_1351098	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1351100	SYNLAB MVZ Hamburg	Robert Koch Institute	unknown
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EPI_ISL_1351114	SYNLAB MVZ Hamburg	Robert Koch Institute	unknown
EPI_ISL_1351116, EPI_ISL_1351117	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1351118, EPI_ISL_1351122	SYNLAB MVZ Hamburg	Robert Koch Institute	unknown

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EPI_ISL_1351141	SYNLAB MVZ Hamburg	Robert Koch Institute	unknown
EPI_ISL_1351143, EPI_ISL_1351144	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1351146	SYNLAB MVZ Hamburg	Robert Koch Institute	unknown
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EPI_ISL_1351178	SYNLAB MVZ Hamburg	Robert Koch Institute	unknown
EPI_ISL_1351180	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
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EPI_ISL_1351390	amedes MVZ für Laboratoriumsmedizin Fürstfeldbruck	Robert Koch Institute	unknown
EPI_ISL_1351396, EPI_ISL_1351404, EPI_ISL_1351701	amedes MVZ für Laboratoriumsmedizin München	Robert Koch Institute	unknown
EPI_ISL_1351742	amedes MVZ DIAMEDIS Sennestadt	Robert Koch Institute	unknown
EPI_ISL_1351745	amedes Göttingen	Robert Koch Institute	unknown
EPI_ISL_1353090	Limbach - MVZ Labor Eveld & Kollegen Essen	Robert Koch Institute	unknown
EPI_ISL_1353093, EPI_ISL_1353137, EPI_ISL_1353139	Labor MönchengladbachMVZ Dr. Stein + Kollegen GbR	Robert Koch Institute	unknown
EPI_ISL_1353144	MVZ Medizinisches Labor Hannover GmbH	Robert Koch Institute	unknown
EPI_ISL_1353166, EPI_ISL_1353173	Medizinisches Labor Ostsachsen MVZ GbRNebenbetriebsstätte Dresden	Robert Koch Institute	unknown
EPI_ISL_1353211	MVZ Medizinisches Labor Hannover GmbH	Robert Koch Institute	unknown
EPI_ISL_1353271	Thüringer Landesamtes für Verbraucherschutz	Robert Koch Institute	unknown
EPI_ISL_1353413	Labormedizin Darmstadt	Robert Koch Institute	unknown
EPI_ISL_1353423	Uniklinikum Jena	Robert Koch Institute	unknown
EPI_ISL_1353728	Labor 28 MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1353743	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1353787	LabKom - Labor Mainz MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1353899	Labor 28 MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1353953	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1353955	Labor 28 MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1354009	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1354016	Sonic - Dr. Staber & Kollegen GmbH München	Robert Koch Institute	unknown
EPI_ISL_1354035	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1354039	Sonic - Dr. Staber & Kollegen GmbH München	Robert Koch Institute	unknown
EPI_ISL_1354050	Sonic - Labor Staber Bayreuth	Robert Koch Institute	unknown
EPI_ISL_1354058	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1354061	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1354073	Sonic - Labor Staber Nürnberg	Robert Koch Institute	unknown
EPI_ISL_1354076	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1354087	Sonic - Labor Staber Heilbronn	Robert Koch Institute	unknown
EPI_ISL_1354090	Sonic - Dr. Staber & Kollegen GmbH München	Robert Koch Institute	unknown
EPI_ISL_1354096	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1354112	Sonic - Dr. Staber & Kollegen GmbH München	Robert Koch Institute	unknown
EPI_ISL_1354133	Sonic - Labor Staber Bayreuth	Robert Koch Institute	unknown
EPI_ISL_1354146	Sonic - Labor Staber Nürnberg	Robert Koch Institute	unknown
EPI_ISL_1354157	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1354159	Sonic - Dr. Staber & Kollegen GmbH München	Robert Koch Institute	unknown
EPI_ISL_1354161	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1354177	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1354179	Sonic - Labor Staber Nürnberg	Robert Koch Institute	unknown
EPI_ISL_1354190	Sonic - Labor Staber Bayreuth	Robert Koch Institute	unknown
EPI_ISL_1354237	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1354253	Sonic - Labor Staber Dresden (Klipphausen)	Robert Koch Institute	unknown
EPI_ISL_1354259	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1354263	Sonic - Dr. Staber & Kollegen GmbH München	Robert Koch Institute	unknown
EPI_ISL_1354276	Virologisches Institut des Universitätsklinikums Erlangen	Robert Koch Institute	unknown
EPI_ISL_1354291, EPI_ISL_1354295	IMD - Labor Oderland	Robert Koch Institute	unknown

EPI_ISL_1354503, EPI_ISL_1354506, EPI_ISL_1354508, EPI_ISL_1354514	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1354528	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1354532	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1354534	SYNLAB MVZ Hamburg	Robert Koch Institute	unknown
EPI_ISL_1354536, EPI_ISL_1354539, EPI_ISL_1354540, EPI_ISL_1354548, EPI_ISL_1354552	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1354553	SYNLAB MVZ Hamburg	Robert Koch Institute	unknown
EPI_ISL_1354559, EPI_ISL_1354561, EPI_ISL_1354564, EPI_ISL_1354565, EPI_ISL_1354568, EPI_ISL_1354572, EPI_ISL_1354573, EPI_ISL_1354574, EPI_ISL_1354576, EPI_ISL_1354578, EPI_ISL_1354579, EPI_ISL_1354580			
see above	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1354590	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1354596, EPI_ISL_1354600, EPI_ISL_1354609, EPI_ISL_1354611, EPI_ISL_1354616	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1354620	SYNLAB MVZ Neustadt a. d. Weinstraße	Robert Koch Institute	unknown
EPI_ISL_1354711	Labor Dr. Heidrich & Kollegen MVZ GmbH Hamburg	Robert Koch Institute	unknown
EPI_ISL_1355286, EPI_ISL_1355289	Uniklinikum Jena	Robert Koch Institute	unknown
EPI_ISL_1356256, EPI_ISL_1356278	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1356292	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1356303	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1356319	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1356320, EPI_ISL_1356339	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1356350, EPI_ISL_1356354	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1356370, EPI_ISL_1356399, EPI_ISL_1356405, EPI_ISL_1356414, EPI_ISL_1356419, EPI_ISL_1356430, EPI_ISL_1356434, EPI_ISL_1356439, EPI_ISL_1356448, EPI_ISL_1356449, EPI_ISL_1356452, EPI_ISL_1356471			
see above	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1356485, EPI_ISL_1356516	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1356533	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1356983, EPI_ISL_1356989, EPI_ISL_1356997, EPI_ISL_1357000, EPI_ISL_1357014, EPI_ISL_1357054	Diagnosticum - Labor Neukirchen	Robert Koch Institute	unknown
EPI_ISL_1357114	Bayerisches Landesamt für Gesundheit und Lebensmittelsicherheit (LGL)	Robert Koch Institute	unknown
EPI_ISL_1357680, EPI_ISL_1357681, EPI_ISL_1357682, EPI_ISL_1357689	Institute of Virology, Medical Center, University of Freiburg, Freiburg, Germany	Institute of Virology, Clinical Virus Genomics, Medical Center, University of Freiburg, Freiburg, Germany	Jonas Fuchs, Lisa Kern, Sandra Reuter, Hajo Grundmann, Marcus Panning
EPI_ISL_1357708, EPI_ISL_1357714, EPI_ISL_1357721, EPI_ISL_1357722, EPI_ISL_1357727, EPI_ISL_1357729, EPI_ISL_1357730, EPI_ISL_1357731, EPI_ISL_1357735, EPI_ISL_1357736, EPI_ISL_1357737, EPI_ISL_1357738, EPI_ISL_1357748, EPI_ISL_1357749, EPI_ISL_1357750, EPI_ISL_1357751, EPI_ISL_1357752, EPI_ISL_1357753, EPI_ISL_1357754, EPI_ISL_1357755, EPI_ISL_1357756, EPI_ISL_1357757, EPI_ISL_1357766, EPI_ISL_1357770			
see above	National Virus Reference Laboratory	National Virus Reference Laboratory	Fiona Crispie, Calum Walsh, Zoe Yandle, Charlene Bennet, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Paul Cotter, Cillian F De Gascun
EPI_ISL_1358219, EPI_ISL_1358220, EPI_ISL_1358221, EPI_ISL_1358222, EPI_ISL_1358223, EPI_ISL_1358224, EPI_ISL_1358225, EPI_ISL_1358226, EPI_ISL_1358227, EPI_ISL_1358228, EPI_ISL_1358229, EPI_ISL_1358230, EPI_ISL_1358239, EPI_ISL_1358240, EPI_ISL_1358241, EPI_ISL_1358242, EPI_ISL_1358244, EPI_ISL_1358245, EPI_ISL_1358247, EPI_ISL_1358248, EPI_ISL_1358250, EPI_ISL_1358251, EPI_ISL_1358252, EPI_ISL_1358254, EPI_ISL_1358255, EPI_ISL_1358257, EPI_ISL_1358258, EPI_ISL_1358259, EPI_ISL_1358260, EPI_ISL_1358261, EPI_ISL_1358262, EPI_ISL_1358263, EPI_ISL_1358264, EPI_ISL_1358265, EPI_ISL_1358266, EPI_ISL_1358269, EPI_ISL_1358270, EPI_ISL_1358271, EPI_ISL_1358272, EPI_ISL_1358273, EPI_ISL_1358274, EPI_ISL_1358275, EPI_ISL_1358276, EPI_ISL_1358283			
see above	National Virus Reference Laboratory	National Virus Reference Laboratory	Zoe Yandle, Charlene Bennett, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun
EPI_ISL_1360033, EPI_ISL_1360034, EPI_ISL_1360052, EPI_ISL_1360053, EPI_ISL_1360054	Klinisch Laboratorium ZNA	Klinisch Laboratorium ZNA	Verstrepen et al.
EPI_ISL_1360111	Karolinska University Hospital	Karolinska University Hospital	Jan Albert, Tobias Allander, Annelie Bjerkner, Sandra Broddesson, Robert Dyrda, Martin Ekman, Lynda Eneh, Lina Guerra Blomqvist, Karolina Ininbergs, Tanja Normark, Isak Sylvén, Zhibing Yun, Martina Wahlund, Valtteri Wirta
EPI_ISL_1360147	Hospital Universitari Bellvitge	Microbiology Department	Sara Marti, Aida Gonzalez-Diaz, Laura Calatayud, Jordi Niubó, Miguel Fernandez-Huerta, Carmen Ardanuy, Jordi Camara, M Angeles Dominguez
EPI_ISL_1360466, EPI_ISL_1360479, EPI_ISL_1360480, EPI_ISL_1360483, EPI_ISL_1360487, EPI_ISL_1360493, EPI_ISL_1360499, EPI_ISL_1360510, EPI_ISL_1360520, EPI_ISL_1360525, EPI_ISL_1360527, EPI_ISL_1360535, EPI_ISL_1360651, EPI_ISL_1360705, EPI_ISL_1360710, EPI_ISL_1360733, EPI_ISL_1360737, EPI_ISL_1360788, EPI_ISL_1360811, EPI_ISL_1360819, EPI_ISL_1360833, EPI_ISL_1360841, EPI_ISL_1360853, EPI_ISL_1360895, EPI_ISL_1360917, EPI_ISL_1360922, EPI_ISL_1360942, EPI_ISL_1361011, EPI_ISL_1361013, EPI_ISL_1361016, EPI_ISL_1361018, EPI_ISL_1361021, EPI_ISL_1361052, EPI_ISL_1361080, EPI_ISL_1361088, EPI_ISL_1361092, EPI_ISL_1361100, EPI_ISL_1361102, EPI_ISL_1361143, EPI_ISL_1361146, EPI_ISL_1361147, EPI_ISL_1361157, EPI_ISL_1361158, EPI_ISL_1361168, EPI_ISL_1361186, EPI_ISL_1361188, EPI_ISL_1361193, EPI_ISL_1361215, EPI_ISL_1361216, EPI_ISL_1361219, EPI_ISL_1361222, EPI_ISL_1361232, EPI_ISL_1361237, EPI_ISL_1361264, EPI_ISL_1361269, EPI_ISL_1361270, EPI_ISL_1361277, EPI_ISL_1361278, EPI_ISL_1361280, EPI_ISL_1361348, EPI_ISL_1361355, EPI_ISL_1361357, EPI_ISL_1361378, EPI_ISL_1361401, EPI_ISL_1361402, EPI_ISL_1361461, EPI_ISL_1361468, EPI_ISL_1361485, EPI_ISL_1361493			
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_1361639, EPI_ISL_1361640, EPI_ISL_1361641, EPI_ISL_1361642, EPI_ISL_1361643, EPI_ISL_1361644, EPI_ISL_1361645	Medizinisches Labor Prof. Dr. Schenk/ Dr. Ansoorge & Kollegen, Magdeburg	Institute of Medical Microbiology and Hospital Hygiene	Prof. Dr. Achim Kaasch, Aljoscha Tersteegen
EPI_ISL_1362501, EPI_ISL_1362502, EPI_ISL_1362503, EPI_ISL_1362505	Swedish national genomic surveillance program of SARS-CoV-2	The Public Health Agency of Sweden	Swedish national genomic surveillance program of SARS-CoV-2
EPI_ISL_1363168, EPI_ISL_1363169, EPI_ISL_1363170, EPI_ISL_1363171, EPI_ISL_1363172, EPI_ISL_1363173, EPI_ISL_1363174, EPI_ISL_1363178	Idaho Bureau of Laboratories	Idaho Bureau of Laboratories	"R. Beukelman, Matthew Charles Burns, Aimee Ceniseros, Robert L. Voermans, Christopher Ball"
EPI_ISL_1363422, EPI_ISL_1363566,	Sonora Quest Laboratories	TGen North	Jolene Bowers, Heather Centner, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union

EPI_ISL_1363570, EPI_ISL_1363572, EPI_ISL_1363618, EPI_ISL_1363619			(ACGU)
EPI_ISL_1364458, EPI_ISL_1364465	Arizona State University	Arizona State University	Rabia Maqsood, LaRinda A. Holland, Peter T. Skidmore, Emily A. Kaelin, Nicholas J. Mellor, Kristina Buss, Joy M. Blain, Neal W. Woodbury, Valerie Harris, Joshua LaBaer, Vel Murugan, Efrém S. Lim
EPI_ISL_1364989	Bundeswehrkrankenhaus Ulm	Bundeswehr Institute of Microbiology	Markus Antwerpen, Alexandra Rehn, Mathias Walter, Malena Bestehorn-Willmann, Mike Pillukat, Sabine Zange, Enrico Georgi, Roman Wölfel
EPI_ISL_1365004	Bundeswehrzentral Krankenhaus Koblenz	Bundeswehr Institute of Microbiology	Markus Antwerpen, Alexandra Rehn, Mathias Walter, Malena Bestehorn-Willmann, Mike Pillukat, Sabine Zange, Enrico Georgi, Roman Wölfel
EPI_ISL_1365007	Bundeswehrkrankenhaus Berlin	Bundeswehr Institute of Microbiology	Markus Antwerpen, Alexandra Rehn, Mathias Walter, Malena Bestehorn-Willmann, Mike Pillukat, Sabine Zange, Enrico Georgi, Roman Wölfel
EPI_ISL_1365037, EPI_ISL_1365039, EPI_ISL_1365040, EPI_ISL_1365041, EPI_ISL_1365042, EPI_ISL_1365043, EPI_ISL_1365044, EPI_ISL_1365045, EPI_ISL_1365046, EPI_ISL_1365047, EPI_ISL_1365048, EPI_ISL_1365049, EPI_ISL_1365050, EPI_ISL_1365051, EPI_ISL_1365052, EPI_ISL_1365053, EPI_ISL_1365054, EPI_ISL_1365055, EPI_ISL_1365056, EPI_ISL_1365057, EPI_ISL_1365059, EPI_ISL_1365060, EPI_ISL_1365062, EPI_ISL_1365065, EPI_ISL_1365066, EPI_ISL_1365067, EPI_ISL_1365068, EPI_ISL_1365070, EPI_ISL_1365071, EPI_ISL_1365072, EPI_ISL_1365073, EPI_ISL_1365074, EPI_ISL_1365075, EPI_ISL_1365076, EPI_ISL_1365077, EPI_ISL_1365078, EPI_ISL_1365080, EPI_ISL_1365081, EPI_ISL_1365082, EPI_ISL_1365083, EPI_ISL_1365085, EPI_ISL_1365086, EPI_ISL_1365088, EPI_ISL_1365089, EPI_ISL_1365090, EPI_ISL_1365091, EPI_ISL_1365092, EPI_ISL_1365093, EPI_ISL_1365094, EPI_ISL_1365096, EPI_ISL_1365097, EPI_ISL_1365099, EPI_ISL_1365100, EPI_ISL_1365101, EPI_ISL_1365102, EPI_ISL_1365103, EPI_ISL_1365105, EPI_ISL_1365106, EPI_ISL_1365107, EPI_ISL_1365108, EPI_ISL_1365109, EPI_ISL_1365110, EPI_ISL_1365111, EPI_ISL_1365112, EPI_ISL_1365113, EPI_ISL_1365114, EPI_ISL_1365115, EPI_ISL_1365117, EPI_ISL_1365118, EPI_ISL_1365120, EPI_ISL_1365123, EPI_ISL_1365124, EPI_ISL_1365125, EPI_ISL_1365126, EPI_ISL_1365127, EPI_ISL_1365128, EPI_ISL_1365130, EPI_ISL_1365132, EPI_ISL_1365133, EPI_ISL_1365135, EPI_ISL_1365136, EPI_ISL_1365137, EPI_ISL_1365139, EPI_ISL_1365140, EPI_ISL_1365141, EPI_ISL_1365143, EPI_ISL_1365146, EPI_ISL_1365147			
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_1365361	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_1365467	Arizona State University	Arizona State University	Peter T. Skidmore, LaRinda A. Holland, Rabia Maqsood, Emily A. Kaelin, Nicholas J. Mellor, Kristina Buss, Joy M. Blain, Neal W. Woodbury, Valerie Harris, Joshua LaBaer, Vel Murugan, Efrém S. Lim
EPI_ISL_1366081, EPI_ISL_1366082, EPI_ISL_1366086, EPI_ISL_1366090, EPI_ISL_1366093, EPI_ISL_1366094, EPI_ISL_1366096	TXDSHS	TXDSHS	Rashmi Tuladhar, Bonnie Oh, Jenny Zhang, Maliha Rahman, Mayela Pedruza, Anita Pokharel, Loarraine Rodriguez, Myong Koag, Chun Wang, Rachel Lee, Grace Kubin
EPI_ISL_1366974, EPI_ISL_1367000, EPI_ISL_1367002, EPI_ISL_1367025, EPI_ISL_1367060, EPI_ISL_1367061, EPI_ISL_1367063, EPI_ISL_1367066, EPI_ISL_1367067, EPI_ISL_1367094, EPI_ISL_1367095, EPI_ISL_1367096, EPI_ISL_1367097, EPI_ISL_1367098, EPI_ISL_1367153, EPI_ISL_1367156, EPI_ISL_1367157			
see above	Virology, Universitätsklinikum des Saarlandes	Epigenetics, Saarland University	Kathrin Kattler, Markus Vogelgesang, Stefan Lohse, Sascha Tierling, Thorsten Pfuhl, Sigrun Smola, Jörn Walter
EPI_ISL_1367601, EPI_ISL_1367628, EPI_ISL_1367632, EPI_ISL_1367634, EPI_ISL_1367637, EPI_ISL_1367665, EPI_ISL_1367666, EPI_ISL_1367667, EPI_ISL_1367668, EPI_ISL_1367696, EPI_ISL_1367699, EPI_ISL_1367706, EPI_ISL_1367789, EPI_ISL_1367805, EPI_ISL_1367815, EPI_ISL_1367822, EPI_ISL_1367865, EPI_ISL_1367866, EPI_ISL_1367870, EPI_ISL_1367890			
see above	Michigan Department of Health and Human Services, Bureau of Laboratories	Michigan Department of Health and Human Services, Bureau of Laboratories	Blankenship HM, Riner D, Soehnlen MK
EPI_ISL_1369118	Lab voor klinische biologie	Lab voor klinische biologie	Marija Janevska, Hannelore Hamerlinck, Bruno Verhasselt
EPI_ISL_1369449, EPI_ISL_1369450, EPI_ISL_1369456, EPI_ISL_1369460	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_1369729, EPI_ISL_1369731, EPI_ISL_1369736, EPI_ISL_1369747, EPI_ISL_1369750, EPI_ISL_1369755, EPI_ISL_1369756, EPI_ISL_1369758, EPI_ISL_1369759, EPI_ISL_1369761, EPI_ISL_1369764, EPI_ISL_1369768, EPI_ISL_1369770, EPI_ISL_1369771, EPI_ISL_1369774, EPI_ISL_1369775, EPI_ISL_1369777, EPI_ISL_1369778, EPI_ISL_1369781, EPI_ISL_1369785, EPI_ISL_1369786, EPI_ISL_1369787, EPI_ISL_1369789, EPI_ISL_1369790, EPI_ISL_1369791, EPI_ISL_1369792, EPI_ISL_1369795, EPI_ISL_1369796, EPI_ISL_1369797, EPI_ISL_1369801, EPI_ISL_1369802, EPI_ISL_1369803, EPI_ISL_1369806, EPI_ISL_1369807, EPI_ISL_1369808, EPI_ISL_1369809, EPI_ISL_1369813, EPI_ISL_1369816, EPI_ISL_1369817, EPI_ISL_1369821, EPI_ISL_1369822, EPI_ISL_1369828, EPI_ISL_1369829, EPI_ISL_1369849, EPI_ISL_1369863, EPI_ISL_1369875, EPI_ISL_1369879, EPI_ISL_1369880, EPI_ISL_1369881, EPI_ISL_1369884, EPI_ISL_1369886, EPI_ISL_1369888, EPI_ISL_1369889, EPI_ISL_1369892, EPI_ISL_1369893, EPI_ISL_1369896, EPI_ISL_1369898, EPI_ISL_1369901, EPI_ISL_1369902, EPI_ISL_1369903, EPI_ISL_1369904, EPI_ISL_1369909, EPI_ISL_1369910, EPI_ISL_1369911, EPI_ISL_1369914, EPI_ISL_1369915, EPI_ISL_1369916, EPI_ISL_1369920, EPI_ISL_1369922, EPI_ISL_1369923, EPI_ISL_1369927, EPI_ISL_1369928, EPI_ISL_1370068, EPI_ISL_1370082, EPI_ISL_1370091, EPI_ISL_1370103, EPI_ISL_1370199, EPI_ISL_1370207, EPI_ISL_1370209, EPI_ISL_1370260, EPI_ISL_1370262, EPI_ISL_1370264, EPI_ISL_1370266, EPI_ISL_1370268, EPI_ISL_1370270, EPI_ISL_1370272, EPI_ISL_1370274, EPI_ISL_1370275, EPI_ISL_1370277, EPI_ISL_1370279, EPI_ISL_1370281, EPI_ISL_1370283, EPI_ISL_1370285, EPI_ISL_1370287, EPI_ISL_1370289, EPI_ISL_1370291, EPI_ISL_1370301, EPI_ISL_1370303, EPI_ISL_1370305, EPI_ISL_1370307, EPI_ISL_1370309, EPI_ISL_1370314, EPI_ISL_1370318, EPI_ISL_1370319, EPI_ISL_1370320, EPI_ISL_1370327, EPI_ISL_1370329, EPI_ISL_1370334, EPI_ISL_1370343, EPI_ISL_1370347, EPI_ISL_1370349			
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_1370397	EHNV	Laboratory of genomics and metagenomics, Institute of Microbiology, University Hospital Centre and University of Lausanne, Switzerland	Trestan Pillonel, Damien Jacot, Sébastien Aeby, Gilbert Greub, Claire Bertelli
EPI_ISL_1370409, EPI_ISL_1370418	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
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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_1374433	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_1378673, EPI_ISL_1378674, EPI_ISL_1378675, EPI_ISL_1378676, EPI_ISL_1378677, EPI_ISL_1378680, EPI_ISL_1378690, EPI_ISL_1378691, EPI_ISL_1378692, EPI_ISL_1378693, EPI_ISL_1378697, EPI_ISL_1378698, EPI_ISL_1378699, EPI_ISL_1378700, EPI_ISL_1378701, EPI_ISL_1378702, EPI_ISL_1378703, EPI_ISL_1378705, EPI_ISL_1378708, EPI_ISL_1378710, EPI_ISL_1378712, EPI_ISL_1378713, EPI_ISL_1378714, EPI_ISL_1378715, EPI_ISL_1378716, EPI_ISL_1378718, EPI_ISL_1378719, EPI_ISL_1378756, EPI_ISL_1378757, EPI_ISL_1378758, EPI_ISL_1378760, EPI_ISL_1378761			
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EPI_ISL_1379348	NYP-WCM	New York Genome Center	Michael Zody, Andre Corvelo, Dayna M. Oschwald, Samantha Fennessey, Tom Maniatis, Melissa Cushing, Olivier Elemento, Margaret Elizabeth Ross, Chris Mason, Priya Velu, Hanna Rennert, Arryn Craney, Lars F Westblade
EPI_ISL_1379891, EPI_ISL_1379922	Platform BIS UZA/UAntwerpen	UZA, Clinical Biology	Marie Le Mercier, Jasmine Coppens, Basil Britto Xavier, Christine Lammens, Veerle Matheussens, Herman Goossens
EPI_ISL_1379962, EPI_ISL_1379963, EPI_ISL_1379968	UCLA Clinical Micro Lab	Los Angeles County PHL	P. Hemarajata et al.
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EPI_ISL_1381133	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,Gastli Nabil
EPI_ISL_1381266, EPI_ISL_1381279	Laboratoire Hospitalier Universitaire de Bruxelles (LHUB-ULB)	UAntwerp, Laboratory of Medical Microbiology	Basil Britto Xavier, Jasmine Coppens, Marie Le Mercier, Christine Lammens, Veerle Matheussens, Herman Goossens
EPI_ISL_1382079, EPI_ISL_1382086, EPI_ISL_1382087, EPI_ISL_1382093, EPI_ISL_1382095, EPI_ISL_1382096, EPI_ISL_1382097, EPI_ISL_1382101	Virginia Division of Consolidated Laboratory Services	Virginia Division of Consolidated Laboratory Services	Virginia DCLS
EPI_ISL_1382569, EPI_ISL_1382570, EPI_ISL_1382571, EPI_ISL_1382573, EPI_ISL_1382574, EPI_ISL_1382575, EPI_ISL_1382576, EPI_ISL_1382577, EPI_ISL_1382578, EPI_ISL_1382579, EPI_ISL_1382580, EPI_ISL_1382581, EPI_ISL_1382582, EPI_ISL_1382584, EPI_ISL_1382586, EPI_ISL_1382588, EPI_ISL_1382591, EPI_ISL_1382592, EPI_ISL_1382593, EPI_ISL_1382600, EPI_ISL_1382603, EPI_ISL_1382605, EPI_ISL_1382606, EPI_ISL_1382608, EPI_ISL_1382609, EPI_ISL_1382610, EPI_ISL_1382611, EPI_ISL_1382613, EPI_ISL_1382614, EPI_ISL_1382615, EPI_ISL_1382616, EPI_ISL_1382617, EPI_ISL_1382618			
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_1383759, EPI_ISL_1383760, EPI_ISL_1383761, EPI_ISL_1383762, EPI_ISL_1383763, EPI_ISL_1383764, EPI_ISL_1383765, EPI_ISL_1383766, EPI_ISL_1383767, EPI_ISL_1383768, EPI_ISL_1383769, EPI_ISL_1383770, EPI_ISL_1383771, EPI_ISL_1383774			
see above	Laboratoire national de sante, Microbiology, Virology	Laboratoire national de sante, Microbiology, Microbial Genomics Platform	Anke Wienecke-Baldacchino, Catherine Ragimbeau,Jessica Tapp, Fatu Djabi, Lise Pignon, Raoul Salmon, Trung Nguyen Nguyen, Tamir Abdelrahman
EPI_ISL_1383992	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_1384476, EPI_ISL_1384477, EPI_ISL_1384486, EPI_ISL_1384491, EPI_ISL_1384497, EPI_ISL_1384502, EPI_ISL_1384504, EPI_ISL_1384509, EPI_ISL_1384515	Laboratoires d'analyses medicales - Ketterthill	Laboratoire national de sante, Microbiology, Microbial Genomics Platform	Anke Wienecke-Baldacchino, Catherine Ragimbeau,Jessica Tapp, Fatu Djabi, Lise Pignon, Raoul Salmon, Serge Vedy, Caroline Scheiber, Tamir Abdelrahman
EPI_ISL_1384659	UAB InMedica	Vilnius University Hospital Santaros Klinikos, Center of Laboratory Medicine	Dovile Ezerskyte, Daniel Naumovas, Gytis Dudas, Ingrida Olen draite, Rimvydas Norvilas, Ligita Raugaite, Monika Katenaite, Mindaugas Stoksus, Laimonas Griskevicius
EPI_ISL_1385964, EPI_ISL_1385967, EPI_ISL_1385989	Medical Microbiology Unit, Department for Laboratory Medicine, Drammen Hospital, Vestre Viken Health Trust,	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate,Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1386596, EPI_ISL_1386597, EPI_ISL_1386606, EPI_ISL_1386607, EPI_ISL_1386608, EPI_ISL_1386610, EPI_ISL_1386611, EPI_ISL_1386612, EPI_ISL_1386613, EPI_ISL_1386614, EPI_ISL_1386615, EPI_ISL_1386616, EPI_ISL_1386641, EPI_ISL_1386642, EPI_ISL_1386643, EPI_ISL_1386644	West of Scotland Specialist Virology Centre, NHSGGC / MRC-University of Glasgow Centre for Virus Research	COVID-19 Genomics UK (COG-UK) Consortium	Ana da Silva Filipe, Natasha Johnson, Kathy Smollett, Daniel Mair, Stephen Carmichael, Alice Broos, Lily Tong, Jenna Nichols, Kyriaki Nomikou; Sarah McDonald; Richard Orton, Joseph Hughes, Sreenu Vattipally, David L Robertson; Alasdair MacLean, Rory Gunson; Sharif Shaaban, Matthew Holden; Rachel Blacow, Guy Mollett, Kathy Li, James Shepherd, Antonia Ho, Emma Thomson
EPI_ISL_1386656, EPI_ISL_1386657, EPI_ISL_1386662, EPI_ISL_1386663	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian / School of Biological Sciences, University of Edinburgh	COVID-19 Genomics UK (COG-UK) Consortium	McHugh M, Dewar R, Cotton S, Rooke S, O'Toole Á, Scher E, Hill V, McCrone JT, Colqhoun R, Yu X, Jackson B, Rambaut A, Templeton K
EPI_ISL_1386729, EPI_ISL_1386740, EPI_ISL_1386741, EPI_ISL_1386781, EPI_ISL_1386783, EPI_ISL_1386784, EPI_ISL_1386789, EPI_ISL_1386792, EPI_ISL_1386796, EPI_ISL_1386797	Liverpool Clinical Laboratories	COVID-19 Genomics UK (COG-UK) Consortium	Sam Haldenby, Alistair Darby, Steve Paterson, Anita Lucaci, Julian Hiscox, M Almsaud, A Alrezaihi, Muhannad Alruwaili, Stuart D Armstrong, Jones Benjamin, Eleanor G Bentley, Anu Chawla, Jordan J Clark, Angela Cowell, Richard Eccles, Isabel Garcia-Dorival, Matthew Gemmell, Alessandro Gerada, PKF Gilmore, Richard Gregory, Ximeng Han, Catherine Hartley, Margaret Hughes, Miren Iturriza-Gomara, James Johnson, L Luu, Jenifer Manson, Charlotte Nelson, Elaine O'Toole, Cassie Olateju, Rebekah Penrice-Randal , Lucille Rainbow, N.P Randle, Trevor Ian Robinson, Parul Sharma, Ghada T Shawli, James P Stewart, Neil Swainston, Ecaterina Vamos, Joanne Watts, Mark Whitehead, Hermione Webster
EPI_ISL_1387182, EPI_ISL_1387183	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Gemma Clark, Wendy Smith, Manjinder Khakh, Vicki M Fleming, Michelle M Lister, Hannah Howson-Wells, Jonathan Ball, Timothy Byaruhanga, Jayasree Dey, Emily Park, Jack Hill, Patrick McClure, Joseph Chappell, Theocharis Tsoleridis, Nadine Holmes, Matthew Carlisle, Christopher Moore, Fei Sang, Johnny Debebe, Victoria Wright, Matthew Loose
EPI_ISL_1387747, EPI_ISL_1387748, EPI_ISL_1387751, EPI_ISL_1387754, EPI_ISL_1387756, EPI_ISL_1387757, EPI_ISL_1387758, EPI_ISL_1387761, EPI_ISL_1387766, EPI_ISL_1387767, EPI_ISL_1387768, EPI_ISL_1387769, EPI_ISL_1387770, EPI_ISL_1387772, EPI_ISL_1387773, EPI_ISL_1387788, EPI_ISL_1387810, EPI_ISL_1387811, EPI_ISL_1387815, EPI_ISL_1387827, EPI_ISL_1387832, EPI_ISL_1388165			
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 Gifford, Lee Graham, Nicole Pacchiarini, Sara Kumziene-Summerhayes, Sarah Taylor, Sophie Jones, Sara Rey, Matthew Bull, Joanne Watkins, Sally Corden, Tom Connor
EPI_ISL_1388676, EPI_ISL_1388677, EPI_ISL_1388680, EPI_ISL_1388684, EPI_ISL_1388686, EPI_ISL_1388688, EPI_ISL_1388690, EPI_ISL_1388692, EPI_ISL_1388904, EPI_ISL_1388910, EPI_ISL_1388912			
see above	Centre for Enzyme Innovation, University of Portsmouth / Translational Research Laboratory, Portsmouth Hospitals NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Angela Beckett,Salman Goudarzi,Christopher Fearn,Kate Cook,Katie Loveson,Sharon Glaysheer,Scott Elliott,Samuel Robson
EPI_ISL_1389402, EPI_ISL_1389411, EPI_ISL_1389420, EPI_ISL_1389423, EPI_ISL_1389444, EPI_ISL_1389449, EPI_ISL_1389462, EPI_ISL_1389469, EPI_ISL_1389473, EPI_ISL_1389479, EPI_ISL_1389480, EPI_ISL_1389481, EPI_ISL_1389487, EPI_ISL_1389489, EPI_ISL_1389505, EPI_ISL_1389510, EPI_ISL_1389518,			

EPI_ISL_1389521, EPI_ISL_1389529, EPI_ISL_1389534, EPI_ISL_1389536, EPI_ISL_1389537, EPI_ISL_1389549, EPI_ISL_1389552, EPI_ISL_1389558, EPI_ISL_1389559, EPI_ISL_1389570, EPI_ISL_1389576, EPI_ISL_1389581, EPI_ISL_1389589, EPI_ISL_1389590, EPI_ISL_1389591, EPI_ISL_1389594, EPI_ISL_1389598, EPI_ISL_1389599, EPI_ISL_1389600, EPI_ISL_1389602, EPI_ISL_1389610			
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_1392952, EPI_ISL_1392953, EPI_ISL_1392954, EPI_ISL_1392955, EPI_ISL_1392956, EPI_ISL_1392957, EPI_ISL_1392958, EPI_ISL_1392959, EPI_ISL_1392960, EPI_ISL_1392961, EPI_ISL_1392962, EPI_ISL_1392963, EPI_ISL_1392964, EPI_ISL_1392965, EPI_ISL_1392966, EPI_ISL_1392967, EPI_ISL_1392968, EPI_ISL_1392969, EPI_ISL_1392970, EPI_ISL_1392971, EPI_ISL_1392972, EPI_ISL_1392976, EPI_ISL_1392977, EPI_ISL_1392978, EPI_ISL_1392979, EPI_ISL_1393299, EPI_ISL_1393337, EPI_ISL_1393375, EPI_ISL_1393376			
see above	Servicio de Microbiología Clínica (Complejo Hospitalario de Navarra, Pamplona)	Centro de Secuenciación NASERTIC	Carmen Ezpeleta Baquedano, Ana Navascués, Ana Miqueleiz
EPI_ISL_1393954	ZDL ZOZ Nysa	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1393960, EPI_ISL_1393961	Zakad Mikrobiologii USK Opole	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1393983	LABORATORIUM BADA KLINICZNYCH WSSE w OPOLU	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1394000, EPI_ISL_1394001	Laboratorium Diagnostyczne Centrum Medycznego Luxmed	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1394009	DL OBM WSSE w Lublinie	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1394067	WSSE w Gdasku	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1394086	Instytut "Pomnik-Centrum Zdrowia Dziecka" Zakad Mikrobiologii i Immunologii Klinicznej	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1394107	Zakad Patologii Nowotworów i Patomorfologii Centrum Onkologii im. prof. F. ukaszczyka w Bydgoszczy	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1394141	WSSE Katowice	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1394161, EPI_ISL_1394162, EPI_ISL_1394163	WSSE w Krakowie	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1394198	Laboratorium Epidemiologii WSSE w Szczecinie	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1394213, EPI_ISL_1394219, EPI_ISL_1394221	Centrum Medycyny Klinicznej dr n.med. Karol Majewski - DiMedical	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1394253, EPI_ISL_1394254	Diagnostyka Sp.z o.o.	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1394255, EPI_ISL_1394256, EPI_ISL_1394258, EPI_ISL_1394259	LABORATORIA MEDYCZNE OPTIMED	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1394284, EPI_ISL_1394285, EPI_ISL_1394286, EPI_ISL_1394287, EPI_ISL_1394288, EPI_ISL_1394289	Centrum Medyczne MEDYK Sp. z o.o. ,Sp.k. Zakad Diagnostyki Medycznej	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1394313	Hospital for Infectious Diseases, Molecular Diagnostics Laboratory, Warsaw, Poland	1. Virogenetics Laboratory of Virology, Maopolska Centre of Biotechnology, Jagiellonian University; 2. Intercollegiate Faculty of Biotechnology University of Gdansk and Medical University of Gdansk	Lukasz Rabalski, Maciej Kosinski, Natalia Mazur-Panasiuk, Aneta Kopacz, Piotr Zabek, Tomasz Dyda, Andrzej Horban, Krzysztof Pyrc, Krystyna Bienkowska-Szewczyk
EPI_ISL_1394314, EPI_ISL_1394315, EPI_ISL_1394316, EPI_ISL_1394317, EPI_ISL_1394318, EPI_ISL_1394320, EPI_ISL_1394321, EPI_ISL_1394322	Hospital for Infectious Diseases, Molecular Diagnostics Laboratory, Warsaw, Poland	1. Virogenetics Laboratory of Virology, Maopolska Centre of Biotechnology, Jagiellonian University; 2. Intercollegiate Faculty of Biotechnology University of Gdansk and Medical University of Gdansk	Lukasz Rabalski, Maciej Kosinski, Karolina Gackowska, Natalia Mazur-Panasiuk, Aneta Kopacz, Piotr Zabek, Tomasz Dyda, Andrzej Horban, Krzysztof Pyrc, Krystyna Bienkowska-Szewczyk
EPI_ISL_1395757	NORTH SHORE UNIVERSITY HOSPITAL	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1395792	Laboratorio de Virología del Hospital de Niños Dr. Ricardo Gutierrez	Área de Secuenciación del Laboratorio de Virología del Hospital de Niños Dr. Ricardo Gutierrez on behalf of 'Proyecto Argentino Interinstitucional de genómica de SARS-CoV-2' (PAIS Consortium)	Alexay, S; Thomas, G; Medina, C; Labarta, N; Streitenberger, C; Villegas, E; Barreda Frank, M; Grandis, E; Acevedo, ME; Alvarez Lopez, C; Jacques, O; Mistchenko, A; Nabaes Jodar, M; Goya, S; Lusso, S; Acuña, D; Natale, MI; Valinotto, LE; Viegas, M.
EPI_ISL_1396647	Kansas Health and Environmental Lab	Kansas Health and Environmental Lab	Mike Grose, Jonathan Barnell, Ben Olsen, and Phil Adam
EPI_ISL_1396650	SIESP CHIETI - DRIVE IN ORTONA	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Di Lollo Valeria, Mangone I, Rinaldi A, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1396651, EPI_ISL_1396652	SIESP DIPARTIMENTO DI PREVENZIONE 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, Scialabba S, Caporale M, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1396667, EPI_ISL_1396668, EPI_ISL_1396669	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, NOBILIAUX Florian, PREVOST Brigitte, THUILLIER Caroline, TINEZ Claire ,TCHANTCHOU NJOSSE YANICK
EPI_ISL_1396675	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, NOBILIAUX Florian, PREVOST Brigitte, THUILLIER Caroline, TINEZ Claire ,TCHANTCHOU NJOSSE YANICK
EPI_ISL_1396676	CH Saint-Philibert	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, NOBILIAUX Florian, PREVOST Brigitte, THUILLIER Caroline, TINEZ Claire ,TCHANTCHOU NJOSSE YANICK
EPI_ISL_1396678	CH Douai	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, NOBILIAUX Florian, PREVOST Brigitte, THUILLIER Caroline, TINEZ Claire ,TCHANTCHOU NJOSSE YANICK
EPI_ISL_1396682, EPI_ISL_1396683	CH Calais	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, NOBILIAUX Florian, PREVOST Brigitte, THUILLIER Caroline, TINEZ Claire ,TCHANTCHOU NJOSSE YANICK

EPI_ISL_1396685	CH Lens	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_1396838, EPI_ISL_1396839, EPI_ISL_1396841	CH.INTERCOMMUNAL DE CRETEIL	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky
EPI_ISL_1396845, EPI_ISL_1396848, EPI_ISL_1396850, EPI_ISL_1396852, EPI_ISL_1396853, EPI_ISL_1396854, EPI_ISL_1396855	BIOPATH	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_1396894, EPI_ISL_1396895, EPI_ISL_1396896, EPI_ISL_1396897, EPI_ISL_1396898, EPI_ISL_1396899, EPI_ISL_1396900, EPI_ISL_1396901, EPI_ISL_1396902, EPI_ISL_1396903, EPI_ISL_1396904, EPI_ISL_1396905, EPI_ISL_1396906, EPI_ISL_1396907, EPI_ISL_1396908, EPI_ISL_1396909, EPI_ISL_1396910, EPI_ISL_1396911, EPI_ISL_1396912, EPI_ISL_1396913, EPI_ISL_1396914, EPI_ISL_1396915, EPI_ISL_1396916, EPI_ISL_1396917, EPI_ISL_1396918, EPI_ISL_1396919, EPI_ISL_1396920, EPI_ISL_1396921, EPI_ISL_1396922, EPI_ISL_1396923, EPI_ISL_1396924, EPI_ISL_1396925, EPI_ISL_1396926, EPI_ISL_1396927, EPI_ISL_1396928, EPI_ISL_1396929, EPI_ISL_1396930, EPI_ISL_1396931, EPI_ISL_1396932, EPI_ISL_1396933, EPI_ISL_1396934, EPI_ISL_1396935, EPI_ISL_1396936, EPI_ISL_1396937, EPI_ISL_1396938, EPI_ISL_1396939, EPI_ISL_1396940, EPI_ISL_1396941, EPI_ISL_1396942, EPI_ISL_1396943, EPI_ISL_1396944, EPI_ISL_1396945, EPI_ISL_1396946, EPI_ISL_1396947, EPI_ISL_1396948, EPI_ISL_1397129, EPI_ISL_1397130, EPI_ISL_1397131, EPI_ISL_1397134, EPI_ISL_1397135, EPI_ISL_1397379, EPI_ISL_1397380, EPI_ISL_1397381, EPI_ISL_1397382	National Virus Reference Laboratory	National Virus Reference Laboratory	Zoe Yandle, Charlene Bennet, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun
EPI_ISL_1397840, EPI_ISL_1397841, EPI_ISL_1397842, EPI_ISL_1397845, EPI_ISL_1397846, EPI_ISL_1397847, EPI_ISL_1397848, EPI_ISL_1397849, EPI_ISL_1397859, EPI_ISL_1397860, EPI_ISL_1397863, EPI_ISL_1397864, EPI_ISL_1397865	see above	National Virus Reference Laboratory	see above
see above	TEMPUS LABS INC	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1397949	WESTCHESTER MEDICAL CENTER	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1398034	MONTEFIORE MEDICAL CENTER LABORATORIES	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1398200	Columbia University Irving Medical Center	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1398276	ALBANY MEDICAL CENTER	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1398880, EPI_ISL_1398881, EPI_ISL_1398882, EPI_ISL_1398883, EPI_ISL_1398884, EPI_ISL_1398885, EPI_ISL_1398886, EPI_ISL_1398887, EPI_ISL_1398888, EPI_ISL_1398889, EPI_ISL_1398890, EPI_ISL_1398891, EPI_ISL_1398892, EPI_ISL_1398893, EPI_ISL_1398894, EPI_ISL_1398895, EPI_ISL_1398896, EPI_ISL_1398897, EPI_ISL_1398898, EPI_ISL_1398899, EPI_ISL_1398900, EPI_ISL_1398901, EPI_ISL_1398902, EPI_ISL_1398903, EPI_ISL_1398904, EPI_ISL_1398905, EPI_ISL_1398906, EPI_ISL_1398907, EPI_ISL_1398908, EPI_ISL_1398909, EPI_ISL_1398910, EPI_ISL_1398911, EPI_ISL_1398912, EPI_ISL_1398913, EPI_ISL_1398914, EPI_ISL_1398915, EPI_ISL_1398916, EPI_ISL_1398917	National Virus Reference Laboratory	National Virus Reference Laboratory	Zoe Yandle, Charlene Bennet, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun
see above	National Virus Reference Laboratory	National Virus Reference Laboratory	see above
EPI_ISL_1399307, EPI_ISL_1399309, EPI_ISL_1399310, EPI_ISL_1399311, EPI_ISL_1399326, EPI_ISL_1399328	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1399334, EPI_ISL_1399335, EPI_ISL_1399339, EPI_ISL_1399340	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_1399343	Instituto Nacional de Saude (INSA) and Institute of Biomedicine (iBiMed), Universidade de Aveiro	Instituto Nacional de Saude (INSA) and Institute of Biomedicine (iBiMed), Universidade de Aveiro	Borges et al
EPI_ISL_1399356, EPI_ISL_1399357, EPI_ISL_1399370, EPI_ISL_1399378, EPI_ISL_1399379, EPI_ISL_1399381, EPI_ISL_1399383, EPI_ISL_1399391, EPI_ISL_1399393, EPI_ISL_1399394, EPI_ISL_1399398, EPI_ISL_1399399	see above	Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)	Borges et al
EPI_ISL_1399404	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_1399423	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_1399425, EPI_ISL_1399437	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1399442	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_1399642, EPI_ISL_1399649	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1399662	Instituto Nacional de Saude (INSA) and Institute of Biomedicine (iBiMed), Universidade de Aveiro	Instituto Nacional de Saude (INSA) and Institute of Biomedicine (iBiMed), Universidade de Aveiro	Borges et al
EPI_ISL_1399668, EPI_ISL_1399671	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1399678	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_1399709, EPI_ISL_1399710, EPI_ISL_1399720, EPI_ISL_1399721, EPI_ISL_1399722, EPI_ISL_1399726, EPI_ISL_1399740	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1399747, EPI_ISL_1399756, EPI_ISL_1399757, EPI_ISL_1399774, EPI_ISL_1399775, EPI_ISL_1399787, EPI_ISL_1399791	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_1399797, EPI_ISL_1399799, EPI_ISL_1399800	Instituto Nacional de Saude (INSA) and Institute of Biomedicine (iBiMed), Universidade de Aveiro	Instituto Nacional de Saude (INSA) and Institute of Biomedicine (iBiMed), Universidade de Aveiro	Borges et al
EPI_ISL_1399818, EPI_ISL_1399819, EPI_ISL_1399820, EPI_ISL_1399822, EPI_ISL_1399835, EPI_ISL_1399839, EPI_ISL_1399847, EPI_ISL_1399851, EPI_ISL_1399852, EPI_ISL_1399854, EPI_ISL_1399855, EPI_ISL_1399858, EPI_ISL_1399860, EPI_ISL_1399895, EPI_ISL_1399896	see above	Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)	Borges et al
EPI_ISL_1399901	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_1399905	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_1399941, EPI_ISL_1399942, EPI_ISL_1399945, EPI_ISL_1399947, EPI_ISL_1399954, EPI_ISL_1399958, EPI_ISL_1399959, EPI_ISL_1399960, EPI_ISL_1399961, EPI_ISL_1399969, EPI_ISL_1399979, EPI_ISL_1399980, EPI_ISL_1399981, EPI_ISL_1399982, EPI_ISL_1399985			



see above	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1400017, EPI_ISL_1400019, EPI_ISL_1400035, EPI_ISL_1400036, EPI_ISL_1400037, EPI_ISL_1400038, EPI_ISL_1400039, EPI_ISL_1400040, EPI_ISL_1400041, EPI_ISL_1400050, EPI_ISL_1400051			
see above	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_1400057	Instituto Nacional de Saude (INSA) and Institute of Biomedicine (iBiMed), Universidade de Aveiro	Instituto Nacional de Saude (INSA) and Institute of Biomedicine (iBiMed), Universidade de Aveiro	Borges et al
EPI_ISL_1400085, EPI_ISL_1400086, EPI_ISL_1400096, EPI_ISL_1400098, EPI_ISL_1400100, EPI_ISL_1400101, EPI_ISL_1400102, EPI_ISL_1400104, EPI_ISL_1400106, EPI_ISL_1400107, EPI_ISL_1400109, EPI_ISL_1400110, EPI_ISL_1400111, EPI_ISL_1400112, EPI_ISL_1400113, EPI_ISL_1400114, EPI_ISL_1400119, EPI_ISL_1400122, EPI_ISL_1400123, EPI_ISL_1400128, EPI_ISL_1400129, EPI_ISL_1400138, EPI_ISL_1400144, EPI_ISL_1400145, EPI_ISL_1400152			
see above	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_1400154, EPI_ISL_1400155	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1400166	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_1400175	Instituto Nacional de Saude (INSA) and Institute of Biomedicine (iBiMed), Universidade de Aveiro	Instituto Nacional de Saude (INSA) and Institute of Biomedicine (iBiMed), Universidade de Aveiro	Borges et al
EPI_ISL_1400183	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1400185	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_1400210	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1400219	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_1400263, EPI_ISL_1400271, EPI_ISL_1400273, EPI_ISL_1400281, EPI_ISL_1400295	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1400939	Maryland Genomics, Institute for Genome Sciences, University of Maryland School of Medicine	Maryland Genomics, Institute for Genome Sciences, University of Maryland School of Medicine	Tallon, Luke J; Sadzewicz, Lisa D; Humphrys, Mike; Ott, Sandra; Roussey, Holly; Mehta, Aditya; Vavikolanu, Kranthi; Fraser, Claire M; Ravel, Jacques
EPI_ISL_1401090, EPI_ISL_1401091	South Dakota Public Health Laboratory	South Dakota Public Health Laboratory	Jacob Garfin and Chris Carlson
EPI_ISL_1401295, EPI_ISL_1401296, EPI_ISL_1401297, EPI_ISL_1401298, EPI_ISL_1401299, EPI_ISL_1401300, EPI_ISL_1401301, EPI_ISL_1401302, EPI_ISL_1401303, EPI_ISL_1401341, EPI_ISL_1401342, EPI_ISL_1401343, EPI_ISL_1401344, EPI_ISL_1401345, EPI_ISL_1401346, EPI_ISL_1401347, EPI_ISL_1401348, EPI_ISL_1401352, EPI_ISL_1401353, EPI_ISL_1401354, EPI_ISL_1401355, EPI_ISL_1401357, EPI_ISL_1401358, EPI_ISL_1401359, EPI_ISL_1401360, EPI_ISL_1401361, EPI_ISL_1401362, EPI_ISL_1401363, EPI_ISL_1401364, EPI_ISL_1401365, EPI_ISL_1401366, EPI_ISL_1401367, EPI_ISL_1401374, EPI_ISL_1401375, EPI_ISL_1401376, EPI_ISL_1401377, EPI_ISL_1401378, EPI_ISL_1401379, EPI_ISL_1401380, EPI_ISL_1401381, EPI_ISL_1401382, EPI_ISL_1401383, EPI_ISL_1401384, EPI_ISL_1401385, EPI_ISL_1401386, EPI_ISL_1401387, EPI_ISL_1401388, EPI_ISL_1401392, EPI_ISL_1401393, EPI_ISL_1401394, EPI_ISL_1401395, EPI_ISL_1401396, EPI_ISL_1401397, EPI_ISL_1401398, EPI_ISL_1401399, EPI_ISL_1401400, EPI_ISL_1401401, EPI_ISL_1401402, EPI_ISL_1401403, EPI_ISL_1401404, EPI_ISL_1401411, EPI_ISL_1401416, EPI_ISL_1401420, EPI_ISL_1401421, EPI_ISL_1401422			
see above	National Center of Infectious and Parasitic Diseases	National Center of Infectious and Parasitic Diseases	Alexiev et al
EPI_ISL_1401487	The Jackson Laboratory	The Jackson Laboratory	Bergeron D, Uvalic J, Renzette N, Adams M, Omerza G, Kelly K, Li L
EPI_ISL_1401591, EPI_ISL_1401601, EPI_ISL_1401687, EPI_ISL_1401691, EPI_ISL_1401692, EPI_ISL_1401693, EPI_ISL_1401700, EPI_ISL_1401719	Public Health Authority of the Slovak Republic	Laboratory of Genomics and Bioinformatics, Comenius University Science Park	Tatiana Sedláková, Diana Rusáková, Miroslav Böhmer, Anna Giová, Jaroslav Budiš, Tomáš Szemes
EPI_ISL_1402554, EPI_ISL_1402555, EPI_ISL_1402556, EPI_ISL_1402557	UMC Groningen, Clinical Virology, Department of Medical Microbiology and Infection Prevention	UMC Groningen, Clinical Virology, Department of Medical Microbiology and Infection Prevention	Hubert Niesters, Alexander Friedrich, Erley Lizarazo-Forero, Monika Flissikowska, Lilli Gard, Sigrid Rosema, Coretta Van Leer-Buter, Xuewei Zhou, Marjolein Knoester
EPI_ISL_1402670, EPI_ISL_1402671, EPI_ISL_1402672, EPI_ISL_1402673, EPI_ISL_1402674, EPI_ISL_1402675, EPI_ISL_1402677, EPI_ISL_1402678, EPI_ISL_1402679, EPI_ISL_1402680	1. Główny Inspektorat Sanitarny. 2. Diagnostyka. Laboratoria Medyczne.	1. ViroGenetics - BSL3 Laboratory of Virology, Maopolska Centre of Biotechnology, Jagiellonian University; 2. genXone SA, Research & Development Laboratory	Mazur-Panasiuk,N., Grzegorz Nowicki, Gromowski,T., Natalia Drweska-Matelska, Jakub Grabowski, Anna Brylak, Aleksandra Gidlewicz, Karol Szeszko, Maciej Sykulski, ukasz Krych, Kowalski,M., Szulc,P., Sylwia Januszczak, Labaj,P.P., Micha Kaszuba, Pyrc,K.
EPI_ISL_1403811	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_1403831, EPI_ISL_1403832, EPI_ISL_1403833, EPI_ISL_1403836, EPI_ISL_1403844, EPI_ISL_1403845, EPI_ISL_1403846, EPI_ISL_1403847, EPI_ISL_1403848, EPI_ISL_1403849, EPI_ISL_1403850, EPI_ISL_1403851, EPI_ISL_1403858, EPI_ISL_1403859, EPI_ISL_1403860, EPI_ISL_1403861, EPI_ISL_1403865, EPI_ISL_1403866			
see above	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin L. Young, Kelly F. Oakeson, Tara Gallagher
EPI_ISL_1404171, EPI_ISL_1404173, EPI_ISL_1404174, EPI_ISL_1404177, EPI_ISL_1404178, EPI_ISL_1404179, EPI_ISL_1404181, EPI_ISL_1404182, EPI_ISL_1404187, EPI_ISL_1404191, EPI_ISL_1404194, EPI_ISL_1404195, EPI_ISL_1404196, EPI_ISL_1404205, EPI_ISL_1404206, EPI_ISL_1404207, EPI_ISL_1404208, EPI_ISL_1404209, EPI_ISL_1404210, EPI_ISL_1404211, EPI_ISL_1404217, EPI_ISL_1404218, EPI_ISL_1404224			
see above	Lab voor klinische biologie	Lab voor klinische biologie	Marija Janevska, Hannelore Hamerlinck, Bruno Verhasselt
EPI_ISL_1405161, EPI_ISL_1405171, EPI_ISL_1405181, EPI_ISL_1405231, EPI_ISL_1405249, EPI_ISL_1405253, EPI_ISL_1405254, EPI_ISL_1405255, EPI_ISL_1405256, EPI_ISL_1405258, EPI_ISL_1405359			
see above	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
EPI_ISL_1405773	Texas Department of State Health Services (TXDSHS)	Texas Department of State Health Services (TXDSHS)	Rashmi Tuladhar, Bonnie Oh, Jenny Zhang, Maliha Rahman, Mayela Pedrueza, Anita Pokharel, Lorraine Rodriguez, Myong Koag, Chun Wang, Rachel Lee, Grace Kubin
EPI_ISL_1406282	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_1406285	Hospital del Oriente de Asturias	Laboratorio de Virología HUCA	Sandoval M, Castelló C, Gómez de Oña J, Boga JA, Rojo S, Alvarez-Arguelles ME, Abreu F, Costales I, Perez-Martínez Z, Martín-Rodríguez G, Coto E, Melón S
EPI_ISL_1406291, EPI_ISL_1406387, EPI_ISL_1406388, EPI_ISL_1406392, EPI_ISL_1406398	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_1406454	Centre De Prelevement COVID RIOM	CHU Clermont-Ferrand, service de virologie	Bisseux Maxime, Mirand Audrey, Combes Patricia, Henquell Cécile
EPI_ISL_1406465, EPI_ISL_1406474, EPI_ISL_1406475, EPI_ISL_1406476, EPI_ISL_1406489, EPI_ISL_1406513, EPI_ISL_1406514	Centre Hospitalier Universitaire Clermont-Ferrand	CHU Clermont-Ferrand, service de virologie	Bisseux Maxime, Mirand Audrey, Combes Patricia, Henquell Cécile
EPI_ISL_1406529	Centre Hospitalier RIOM	CHU Clermont-Ferrand, service de virologie	Bisseux Maxime, Mirand Audrey, Combes Patricia, Henquell Cécile

EPI_ISL_1406575	Centre Hospitalier Paul Ardiere	CHU Clermont-Ferrand, service de virologie	Bisseux Maxime, Mirand Audrey, Combes Patricia, Henquell Cécile
EPI_ISL_1406693	National Center of Infectious and Parasitic Diseases	National Center of Infectious and Parasitic Diseases	Alexiev et al
EPI_ISL_1409586, EPI_ISL_1409731	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_1411919	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_1412928, EPI_ISL_1412930, EPI_ISL_1412936, EPI_ISL_1412941, EPI_ISL_1412950, EPI_ISL_1412951, EPI_ISL_1412957, EPI_ISL_1412961, EPI_ISL_1412972, EPI_ISL_1412974, EPI_ISL_1412977, EPI_ISL_1412982, EPI_ISL_1412983, EPI_ISL_1412984, EPI_ISL_1412985, EPI_ISL_1412990, EPI_ISL_1412991, EPI_ISL_1412992, EPI_ISL_1412993, EPI_ISL_1413001, EPI_ISL_1413003, EPI_ISL_1413004, EPI_ISL_1413011, EPI_ISL_1413022, EPI_ISL_1413030, EPI_ISL_1413031, EPI_ISL_1413040, EPI_ISL_1413041, EPI_ISL_1413045, EPI_ISL_1413050, EPI_ISL_1413058, EPI_ISL_1413060			
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_1413240	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_1415426	SIESP CHIETI - DRIVE IN LANCIANO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, 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_1416126, EPI_ISL_1416127, EPI_ISL_1416128, EPI_ISL_1416130, EPI_ISL_1416134, EPI_ISL_1416135, EPI_ISL_1416136, EPI_ISL_1416138, EPI_ISL_1416140, EPI_ISL_1416141, EPI_ISL_1416142, EPI_ISL_1416143, EPI_ISL_1416144, EPI_ISL_1416145, EPI_ISL_1416146, EPI_ISL_1416147, EPI_ISL_1416148, EPI_ISL_1416150, EPI_ISL_1416151, EPI_ISL_1416152, EPI_ISL_1416153, EPI_ISL_1416157, EPI_ISL_1416158, EPI_ISL_1416159, EPI_ISL_1416160, EPI_ISL_1416161, EPI_ISL_1416162, EPI_ISL_1416163, EPI_ISL_1416164, EPI_ISL_1416166, EPI_ISL_1416168, EPI_ISL_1416169, EPI_ISL_1416170, EPI_ISL_1416171			
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_1416191	Fakultas Kedokteran Universitas Sumatera Utara	National Institute of Health Research and Development	Vivi Setiawaty, Hana Apsari Pawestri, Subangkit, Kartika Dewi Puspa, Arie Ardiansyah Nugraha, Hartanti Dian Ikawati, Nelly Puspandari, Krisna Nur Andriana Pangesti
EPI_ISL_1416782, EPI_ISL_1416783, EPI_ISL_1416784, EPI_ISL_1416785, EPI_ISL_1416786, EPI_ISL_1416787, EPI_ISL_1416788, EPI_ISL_1416789, EPI_ISL_1416790, EPI_ISL_1416791	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_1417218, EPI_ISL_1417219, EPI_ISL_1417220, EPI_ISL_1417221, EPI_ISL_1417223, EPI_ISL_1417224, EPI_ISL_1417225, EPI_ISL_1417226, EPI_ISL_1417228, EPI_ISL_1417229, EPI_ISL_1417230, EPI_ISL_1417235, EPI_ISL_1417236, EPI_ISL_1417237, EPI_ISL_1417239, EPI_ISL_1417240, EPI_ISL_1417242, EPI_ISL_1417249, EPI_ISL_1417252, EPI_ISL_1417253, EPI_ISL_1417255, EPI_ISL_1417256, EPI_ISL_1417257, EPI_ISL_1417264, EPI_ISL_1417271, EPI_ISL_1417272, EPI_ISL_1417273, EPI_ISL_1417275, EPI_ISL_1417276, EPI_ISL_1417277, EPI_ISL_1417278, EPI_ISL_1417279, EPI_ISL_1417280, EPI_ISL_1417281, EPI_ISL_1417282, EPI_ISL_1417283, EPI_ISL_1417284, EPI_ISL_1417285, EPI_ISL_1417286, EPI_ISL_1417287, EPI_ISL_1417288, EPI_ISL_1417289, EPI_ISL_1417290, EPI_ISL_1417291, EPI_ISL_1417292, EPI_ISL_1417293, EPI_ISL_1417294, EPI_ISL_1417295, EPI_ISL_1417296, EPI_ISL_1417297, EPI_ISL_1417298, EPI_ISL_1417299, EPI_ISL_1417300, EPI_ISL_1417301, EPI_ISL_1417302, EPI_ISL_1417303, EPI_ISL_1417304, EPI_ISL_1417347, EPI_ISL_1417348, EPI_ISL_1417349, EPI_ISL_1417350, EPI_ISL_1417351, EPI_ISL_1417352, EPI_ISL_1417353, EPI_ISL_1417354, EPI_ISL_1417355, EPI_ISL_1417356, EPI_ISL_1417357, EPI_ISL_1417358, EPI_ISL_1417359, EPI_ISL_1417360, EPI_ISL_1417361, EPI_ISL_1417362, EPI_ISL_1417363, EPI_ISL_1417364, EPI_ISL_1417365, EPI_ISL_1417366, EPI_ISL_1417367, EPI_ISL_1417368, EPI_ISL_1417369, EPI_ISL_1417370, EPI_ISL_1417390, EPI_ISL_1417392, EPI_ISL_1417393, EPI_ISL_1417395, EPI_ISL_1417396, EPI_ISL_1417399, EPI_ISL_1417400, EPI_ISL_1417401, EPI_ISL_1417402, EPI_ISL_1417403, EPI_ISL_1417406, EPI_ISL_1417408, EPI_ISL_1417411, EPI_ISL_1417413, EPI_ISL_1417581, EPI_ISL_1417622, EPI_ISL_1417623, EPI_ISL_1417624, EPI_ISL_1417625, EPI_ISL_1417626, EPI_ISL_1417627, EPI_ISL_1417628, EPI_ISL_1417879, EPI_ISL_1417880, EPI_ISL_1417881, EPI_ISL_1417882, EPI_ISL_1418056, EPI_ISL_1418062, EPI_ISL_1418108			
see above	Swedish national genomic surveillance program of SARS-CoV-2	The Public Health Agency of Sweden	Swedish national genomic surveillance program of SARS-CoV-2
EPI_ISL_1418205	EUROFINS CBM 69 LA SOIE	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_1418340, EPI_ISL_1418343, EPI_ISL_1418346, EPI_ISL_1418351, EPI_ISL_1418352, EPI_ISL_1418356, EPI_ISL_1418357, EPI_ISL_1418359, EPI_ISL_1418364, EPI_ISL_1418377, EPI_ISL_1418378, EPI_ISL_1418394, EPI_ISL_1418395, EPI_ISL_1418396, EPI_ISL_1418397, EPI_ISL_1418398, EPI_ISL_1418399, EPI_ISL_1418400, EPI_ISL_1418401, EPI_ISL_1418403, EPI_ISL_1418405, EPI_ISL_1418406, EPI_ISL_1418407, EPI_ISL_1418408, EPI_ISL_1418409, EPI_ISL_1418410, EPI_ISL_1418411, EPI_ISL_1418412, EPI_ISL_1418413, EPI_ISL_1418414, EPI_ISL_1418415, EPI_ISL_1418416, EPI_ISL_1418417, EPI_ISL_1418418, EPI_ISL_1418419, EPI_ISL_1418420, EPI_ISL_1418421, EPI_ISL_1418422, EPI_ISL_1418423, EPI_ISL_1418547, EPI_ISL_1418548, EPI_ISL_1418549, EPI_ISL_1418550, EPI_ISL_1418551, EPI_ISL_1418552, EPI_ISL_1418553, EPI_ISL_1418554, EPI_ISL_1418555, EPI_ISL_1418556, EPI_ISL_1418557, EPI_ISL_1418558, EPI_ISL_1418559, EPI_ISL_1418560, EPI_ISL_1418561, EPI_ISL_1418562, EPI_ISL_1418563, EPI_ISL_1418649, EPI_ISL_1418650, EPI_ISL_1418651, EPI_ISL_1418652, EPI_ISL_1418653, EPI_ISL_1418654, EPI_ISL_1418655, EPI_ISL_1418656, EPI_ISL_1418657, EPI_ISL_1418658, EPI_ISL_1418659, EPI_ISL_1418660, EPI_ISL_1418661, EPI_ISL_1418693, EPI_ISL_1418701			
see above	Swedish national genomic surveillance program of SARS-CoV-2	The Public Health Agency of Sweden	Swedish national genomic surveillance program of SARS-CoV-2
EPI_ISL_1419407, EPI_ISL_1419583, EPI_ISL_1419625	INSACOG-WB	National Institute of Biomedical Genomics - INSACOG	Arindam Maitra, Bhaswati Bandyopadhyay, Nidhan Kumar Biswas, Tamal Ghosh, Sreedhar Chinnaswamy, Ajay Chakraborti, Saumitra Das
EPI_ISL_1419932, EPI_ISL_1419948, EPI_ISL_1419979, EPI_ISL_1419994, EPI_ISL_1419999, EPI_ISL_1420018, EPI_ISL_1420019, EPI_ISL_1420020, EPI_ISL_1420021, EPI_ISL_1420022, EPI_ISL_1420023, EPI_ISL_1420024, EPI_ISL_1420356, EPI_ISL_1420357			
see above	Swedish national genomic surveillance program of SARS-CoV-2	The Public Health Agency of Sweden	Swedish national genomic surveillance program of SARS-CoV-2
EPI_ISL_1421246, EPI_ISL_1421369, EPI_ISL_1421393, EPI_ISL_1421402, EPI_ISL_1421405, EPI_ISL_1421463, EPI_ISL_1421604, EPI_ISL_1421639, EPI_ISL_1421653, EPI_ISL_1421654, EPI_ISL_1421711			
see above	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Kelsey R. Florek, Abigail C. Shockey
EPI_ISL_1422061, EPI_ISL_1422062, EPI_ISL_1422117, EPI_ISL_1422121, EPI_ISL_1422122, EPI_ISL_1422125, EPI_ISL_1422126, EPI_ISL_1422128, EPI_ISL_1422129, EPI_ISL_1422130, EPI_ISL_1422131, EPI_ISL_1422132, EPI_ISL_1422133, EPI_ISL_1422136, EPI_ISL_1422137, EPI_ISL_1422138, EPI_ISL_1422143, EPI_ISL_1422144, EPI_ISL_1422145, EPI_ISL_1422147, EPI_ISL_1422148, EPI_ISL_1422149, EPI_ISL_1422150, EPI_ISL_1422151, EPI_ISL_1422152, EPI_ISL_1422153, EPI_ISL_1422154, EPI_ISL_1422155, EPI_ISL_1422156, EPI_ISL_1422158, EPI_ISL_1422159, EPI_ISL_1422160, EPI_ISL_1422161, EPI_ISL_1422162, EPI_ISL_1422163, EPI_ISL_1422207, EPI_ISL_1422211, EPI_ISL_1422212, EPI_ISL_1422213, EPI_ISL_1422215			
see above	Laboratory Corporation of America	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, Minoo Agarwal, Eyad Almasri, Debbie Boles, Ayla Burns, Nuthawin Charoensri, Oren Cohen, Susan Countryman, Mary Ann Cristobal, Bobbi Croy, Suzanne Dale, Hrushikesh Deshmukh, Amanda Douglas, Vincent Drouillon, Marcia Eisenberg, Howard Engler, Rama Ghatti, Prashant Gupta, Susan Hicks, Jake Humphrey, Lax Iyer, Manoj Jain, Mohan Kolli, Brian Krueger, Tim Kuphal, Stanley Letovsky, Michael Levandoski, Craig Lukasik, Jonathan Meltzer, Brian Norvell, Mindy Nye, Scott Parker, Christos Petropoulos, John Pruitt, Steven Ragan, Scott Ryan, Mike Sapeta, Jana Schroth, Suresh Babu Selvaraju, Goran Stevovic, Amanda Suchanek, Andrea Thrope, Lyndon Tilson, Thomas Urban, Joe Voshell, Kimberly Wagner, Jonathan Williams, Mary Williamson, Qian Zeng, Tricia Zwiefelhofer, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1422669, EPI_ISL_1422676, EPI_ISL_1422677, EPI_ISL_1422680, EPI_ISL_1422682, EPI_ISL_1422683, EPI_ISL_1422684, EPI_ISL_1422687, EPI_ISL_1422689, EPI_ISL_1422692, EPI_ISL_1422693, EPI_ISL_1422695, EPI_ISL_1422696, EPI_ISL_1422698, EPI_ISL_1422702, EPI_ISL_1422703, EPI_ISL_1422704, EPI_ISL_1422705, EPI_ISL_1422707, EPI_ISL_1422709, EPI_ISL_1422710, EPI_ISL_1422711, EPI_ISL_1422712, EPI_ISL_1422713, EPI_ISL_1422715, EPI_ISL_1422716, EPI_ISL_1422720, EPI_ISL_1422722, EPI_ISL_1422723, EPI_ISL_1422724, EPI_ISL_1422730, EPI_ISL_1422737, EPI_ISL_1422740, EPI_ISL_1422742, EPI_ISL_1422743, EPI_ISL_1422745, EPI_ISL_1422746, EPI_ISL_1422747, EPI_ISL_1422748, EPI_ISL_1422752, EPI_ISL_1422753, EPI_ISL_1422754, EPI_ISL_1422755, EPI_ISL_1422758, EPI_ISL_1422759, EPI_ISL_1422761, EPI_ISL_1422762, EPI_ISL_1422766, EPI_ISL_1422770, EPI_ISL_1422771, EPI_ISL_1422772, EPI_ISL_1422775, EPI_ISL_1422778, EPI_ISL_1422782, EPI_ISL_1422785, EPI_ISL_1422788, EPI_ISL_1422800, EPI_ISL_1422803, EPI_ISL_1422804, EPI_ISL_1422805, EPI_ISL_1422807, EPI_ISL_1422810, EPI_ISL_1422813, EPI_ISL_1422815, EPI_ISL_1422816, EPI_ISL_1422822, EPI_ISL_1422824, EPI_ISL_1422825, EPI_ISL_1422828, EPI_ISL_1422830, EPI_ISL_1422833, EPI_ISL_1422834, EPI_ISL_1422837, EPI_ISL_1422838, EPI_ISL_1422839, EPI_ISL_1422842, EPI_ISL_1422843, EPI_ISL_1422848, EPI_ISL_1422849, EPI_ISL_1422850, EPI_ISL_1422851, EPI_ISL_1422853, EPI_ISL_1422855, EPI_ISL_1422857, EPI_ISL_1422858, EPI_ISL_1422859, EPI_ISL_1422860, EPI_ISL_1422861, EPI_ISL_1422862, EPI_ISL_1422863, EPI_ISL_1422864, EPI_ISL_1422867, EPI_ISL_1422872, EPI_ISL_1422873, EPI_ISL_1422874, EPI_ISL_1422877, EPI_ISL_1422878, EPI_ISL_1422881, EPI_ISL_1422884, EPI_ISL_1422885, EPI_ISL_1422887, EPI_ISL_1422888, EPI_ISL_1422891, EPI_ISL_1422902, EPI_ISL_1422905, EPI_ISL_1422911, EPI_ISL_1422913, EPI_ISL_1422924, EPI_ISL_1422928, EPI_ISL_1422931, EPI_ISL_1422932, EPI_ISL_1422938, EPI_ISL_1422939, EPI_ISL_1422943, EPI_ISL_1422946, EPI_ISL_1422951, EPI_ISL_1422952, EPI_ISL_1422953, EPI_ISL_1422957, EPI_ISL_1422958, EPI_ISL_1422960, EPI_ISL_1422961, EPI_ISL_1422965, EPI_ISL_1422969, EPI_ISL_1422970, EPI_ISL_1422973, EPI_ISL_1422976, EPI_ISL_1422980, EPI_ISL_1422982, EPI_ISL_1422984, EPI_ISL_1422986, EPI_ISL_1422990, EPI_ISL_1422991			
see above	Quest Diagnostics Incorporated	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1423226	Berkeley Medical Center	WVU and Marshall University Combined Genomics Core	"James Denvir, Peter Stoilov, Peter Perrotta, Wesley Kimble, Ryan Percifield"

		Facilities	
EPI_ISL_1423410	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_1423505	Unidad de Patologia Clinica	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Claudia Wong-Arambula, Abril Rodríguez-Maldonado, Vanessa Rivero-Arredondo, Ariadna Medina-Benitez, Joaquin Quiroz-Mercado, Sergio Rangel-Guerrero, Natividad Cruz-Ortiz, Tatiana Nunez-Garcia, Gisela Barrera-Badillo, Lucia Hernandez-Rivas, Irma Lopez-Martinez, Ernesto Ramirez-Gonzalez.
EPI_ISL_1423507	LESP Chihuahua	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Claudia Wong-Arambula, Abril Rodríguez-Maldonado, Vanessa Rivero-Arredondo, Ariadna Medina-Benitez, Joaquin Quiroz-Mercado, Sergio Rangel-Guerrero, Natividad Cruz-Ortiz, Tatiana Nunez-Garcia, Gisela Barrera-Badillo, Lucia Hernandez-Rivas, Irma Lopez-Martinez, Ernesto Ramirez-Gonzalez.
EPI_ISL_1423513	LESP Queretaro	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Claudia Wong-Arambula, Abril Rodríguez-Maldonado, Vanessa Rivero-Arredondo, Ariadna Medina-Benitez, Joaquin Quiroz-Mercado, Sergio Rangel-Guerrero, Natividad Cruz-Ortiz, Tatiana Nunez-Garcia, Gisela Barrera-Badillo, Lucia Hernandez-Rivas, Irma Lopez-Martinez, Ernesto Ramirez-Gonzalez.
EPI_ISL_1424401, EPI_ISL_1424405, EPI_ISL_1424412, EPI_ISL_1424419, EPI_ISL_1424420, EPI_ISL_1424422, EPI_ISL_1424426, EPI_ISL_1424429	Università Federico II - Dipartimento di scienze mediche traslazionali - Napoli	TIGEM	Antonio Grimaldi Patrizia Annunziata Francesco Panariello Michele Cennamo Valentina Bouche Chiara Colantuono Lucio Di Filippo Mariano Fiorenza Anna Manfredi Marcello Salvi Giuseppe Portella Andrea Ballabio Davide Cacchiarelli
EPI_ISL_1424494, EPI_ISL_1424495	COVID Outreach Wood River	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Shah Mohamed Bakhsh, Michelle Lin, Tom Archie, Ryan Cole, Meei-Li Huang, Keith R. Jerome, Alexander Greninger
EPI_ISL_1424888, EPI_ISL_1424897, EPI_ISL_1424909, EPI_ISL_1424921, EPI_ISL_1424964, EPI_ISL_1424973, EPI_ISL_1424977, EPI_ISL_1424978	Clalit Health Services Laboratories, Israel	Stern Lab	Stern Lab
EPI_ISL_1425519, EPI_ISL_1425520, EPI_ISL_1425521, EPI_ISL_1425522, EPI_ISL_1425523, EPI_ISL_1425524, EPI_ISL_1425525, EPI_ISL_1425526, EPI_ISL_1425537, EPI_ISL_1425538, EPI_ISL_1425540			
see above	Department of Infectious Diseases, Kobe Institute of Health	Department of Infectious Diseases, Kobe Institute of Health	Ryohei Nomoto, Noriko Nakanishi, Tomotada Iwamoto, Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_1425574, EPI_ISL_1425575, EPI_ISL_1425606, EPI_ISL_1425618	SARS-CoV-2 testing team, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Yoshihiro Kaku, Yasutaka Hoshino, Chikako Shimokawa, Eunsil Park, Tsuguto Fujimoto, Makoto Kuroda
EPI_ISL_1425619	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_1425699, EPI_ISL_1430634, EPI_ISL_1430644, EPI_ISL_1430645, EPI_ISL_1430646, EPI_ISL_1430647, EPI_ISL_1430648	SARS-CoV-2 testing team, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Yoshihiro Kaku, Yasutaka Hoshino, Chikako Shimokawa, Eunsil Park, Tsuguto Fujimoto, Makoto Kuroda
EPI_ISL_1430649, EPI_ISL_1430650, EPI_ISL_1430651	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_1430653, EPI_ISL_1430654, EPI_ISL_1430655, EPI_ISL_1430668, EPI_ISL_1430669	Osaka Institute of Public Health, Morinomiya Center	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_1430682	Tokyo Metropolitan Institute of Public Health	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Yoshihiro Kaku, Yasutaka Hoshino, Chikako Shimokawa, Eunsil Park, Tsuguto Fujimoto, Makoto Kuroda
EPI_ISL_1431578	SARS-CoV-2 testing team, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Nozomu Hanaoka, Naomi Nojiri, Hazuka Yoshida, Hiromizu Takahashi, Tsuguto Fujimoto, Makoto Kuroda
EPI_ISL_1432280, EPI_ISL_1432720	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1433306	SARS-CoV-2 testing team, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Nozomu Hanaoka, Naomi Nojiri, Hazuka Yoshida, Hiromizu Takahashi, Tsuguto Fujimoto, Makoto Kuroda
EPI_ISL_1436053, EPI_ISL_1436110, EPI_ISL_1436127	Sonic - Dr. Staber & Kollegen GmbH München	Robert Koch Institute	unknown
EPI_ISL_1437283, EPI_ISL_1437290, EPI_ISL_1437298	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1437311, EPI_ISL_1437314	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1437320, EPI_ISL_1437324, EPI_ISL_1437338	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1437341	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1437359, EPI_ISL_1437372, EPI_ISL_1437377, EPI_ISL_1437378, EPI_ISL_1437380, EPI_ISL_1437381, EPI_ISL_1437385, EPI_ISL_1437395, EPI_ISL_1437407, EPI_ISL_1437408, EPI_ISL_1437412, EPI_ISL_1437427, EPI_ISL_1437432, EPI_ISL_1437445	see above	SYNLAB MVZ Leverkusen	unknown
EPI_ISL_1437456	SYNLAB MVZ Bonn	Robert Koch Institute	unknown
EPI_ISL_1437466, EPI_ISL_1437479, EPI_ISL_1437485, EPI_ISL_1437489, EPI_ISL_1437491, EPI_ISL_1437497, EPI_ISL_1437509, EPI_ISL_1437519, EPI_ISL_1437581, EPI_ISL_1437606	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1438666	Klinikum Darmstadt GmbH	Robert Koch Institute	unknown
EPI_ISL_1439562, EPI_ISL_1439618	Diagnosticum - Labor Neukirchen	Robert Koch Institute	unknown
EPI_ISL_1440178	KEMRI-Wellcome Trust Research Programme,Kilifi	KEMRI-Wellcome Trust Research Programme,Kilifi	Githinji G.,Mohamed K.S.,deLaurent Z.,Mburu M.W.
EPI_ISL_1440587	SYNLAB MVZ Hamburg	Robert Koch Institute	unknown
EPI_ISL_1440590, EPI_ISL_1440593, EPI_ISL_1440595, EPI_ISL_1440598	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1440616, EPI_ISL_1440647	SYNLAB MVZ Hamburg	Robert Koch Institute	unknown
EPI_ISL_1440651, EPI_ISL_1440674, EPI_ISL_1440718	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1441158, EPI_ISL_1441164, EPI_ISL_1441177, EPI_ISL_1441178, EPI_ISL_1441181, EPI_ISL_1441188, EPI_ISL_1441192, EPI_ISL_1441669, EPI_ISL_1441671, EPI_ISL_1441682, EPI_ISL_1441689, EPI_ISL_1441690, EPI_ISL_1441692, EPI_ISL_1441698, EPI_ISL_1441707, EPI_ISL_1441712			

see above	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1441961	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1443051, EPI_ISL_1443112, EPI_ISL_1443113, EPI_ISL_1443114, EPI_ISL_1443115, EPI_ISL_1443116, EPI_ISL_1443117, EPI_ISL_1443118, EPI_ISL_1443120, EPI_ISL_1443121, EPI_ISL_1443139, EPI_ISL_1443140, EPI_ISL_1443141, EPI_ISL_1443142	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_1443254, EPI_ISL_1443256, EPI_ISL_1443257, EPI_ISL_1443260, EPI_ISL_1443262, EPI_ISL_1443265	Unity Point Methodist Hospital	Illinois Department of Public Health - Springfield Lab	Bryan Sim, Gordon McCall
EPI_ISL_1443356, EPI_ISL_1443359, EPI_ISL_1443364, EPI_ISL_1443378, EPI_ISL_1443379, EPI_ISL_1443380, EPI_ISL_1443383, EPI_ISL_1443385, EPI_ISL_1443386, EPI_ISL_1443387, EPI_ISL_1443388, EPI_ISL_1443389, EPI_ISL_1443390, EPI_ISL_1443406, EPI_ISL_1443415	Lab voor klinische biologie	Lab voor klinische biologie	Marija Janevska, Hannelore Hamerlinck, Bruno Verhasselt
EPI_ISL_1444111, EPI_ISL_1444137, EPI_ISL_1444138, EPI_ISL_1444140, EPI_ISL_1444141, EPI_ISL_1444151, EPI_ISL_1444157	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_1444849	Maryland Genomics, Institute for Genome Sciences, University of Maryland School of Medicine	Maryland Genomics, Institute for Genome Sciences, University of Maryland School of Medicine	Tallon, Luke J; Sadzewicz, Lisa D; Humphrys, Mike; Ott, Sandra; Roussey, Holly; Mehta, Aditya; Vavikolanu, Kranthi; Fraser, Claire M; Ravel, Jacques
EPI_ISL_1446248, EPI_ISL_1446253, EPI_ISL_1446254, EPI_ISL_1446256, EPI_ISL_1446257	Texas Children's Hospital	Texas Children's Microbiome Center	Ruth Ann Luna, Jennifer K. Spinler, James Dunn, James Versalovic, Ila Singh
EPI_ISL_1446976	SC Dept of Health and Env. Control-Bureau of Laboratories	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Mili Sheth, Sarah Nobles, Jasmine Padilla, Mark Burroughs, Shoshona Le, Katie Dillon, Peter Cook, Clinton R. Paden, Dhvani Batra, Krista Queen, Kristen Knipe, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee
EPI_ISL_1447200	Diagnostyka Sp. z o.o.	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1447201	Dzia Diagnostyki Laboratoryjnej Wojewódzki Szpital Specjalistyczny im.J.Gromkowskiego	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1447202	Laboratorium Diagnostyki COVID-19 IGC PAN	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1447237	Pracownia Diagnostyki Molekularnej WSSK	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1447238	Zakad Diagnostyki Laboratoryjnej WSM im. J. Strusia w Poznaniu	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1447239, EPI_ISL_1447240	ALAB Grudzieniec	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1447677, EPI_ISL_1447678, EPI_ISL_1447681, EPI_ISL_1447682, EPI_ISL_1447688, EPI_ISL_1447690, EPI_ISL_1447693, EPI_ISL_1447694, EPI_ISL_1447695, EPI_ISL_1447697, EPI_ISL_1447699, EPI_ISL_1447701, EPI_ISL_1447702, EPI_ISL_1447703, EPI_ISL_1447704, EPI_ISL_1447706, EPI_ISL_1447707, EPI_ISL_1447708	IZSM	TIGEM	Antonio Grimaldi Patrizia Annunziata Francesco Panariello Biancamaria Pierri Claudia Tiberio Valentina Bouche Chiara Colantuono Maria Concetta Cuomo Denise Di Concilio Lucio Di Filippo Anna Manfredi Marcello Salvi Antonio Limone Luigi Atripaldi Pellegrino Cerino Andrea Ballabio Davide Cacchiarelli
EPI_ISL_1447928	20210303033	TIGEM	Antonio Grimaldi Patrizia Annunziata Francesco Panariello Biancamaria Pierri Claudia Tiberio Valentina Bouche Chiara Colantuono Maria Concetta Cuomo Denise Di Concilio Lucio Di Filippo Anna Manfredi Marcello Salvi Antonio Limone Luigi Atripaldi Pellegrino Cerino Andrea Ballabio Davide Cacchiarelli
EPI_ISL_1447929	20210302964	TIGEM	Antonio Grimaldi Patrizia Annunziata Francesco Panariello Biancamaria Pierri Claudia Tiberio Valentina Bouche Chiara Colantuono Maria Concetta Cuomo Denise Di Concilio Lucio Di Filippo Anna Manfredi Marcello Salvi Antonio Limone Luigi Atripaldi Pellegrino Cerino Andrea Ballabio Davide Cacchiarelli
EPI_ISL_1447930	20210302931	TIGEM	Antonio Grimaldi Patrizia Annunziata Francesco Panariello Biancamaria Pierri Claudia Tiberio Valentina Bouche Chiara Colantuono Maria Concetta Cuomo Denise Di Concilio Lucio Di Filippo Anna Manfredi Marcello Salvi Antonio Limone Luigi Atripaldi Pellegrino Cerino Andrea Ballabio Davide Cacchiarelli
EPI_ISL_1447931	20210302924	TIGEM	Antonio Grimaldi Patrizia Annunziata Francesco Panariello Biancamaria Pierri Claudia Tiberio Valentina Bouche Chiara Colantuono Maria Concetta Cuomo Denise Di Concilio Lucio Di Filippo Anna Manfredi Marcello Salvi Antonio Limone Luigi Atripaldi Pellegrino Cerino Andrea Ballabio Davide Cacchiarelli
EPI_ISL_1447932	20210302944	TIGEM	Antonio Grimaldi Patrizia Annunziata Francesco Panariello Biancamaria Pierri Claudia Tiberio Valentina Bouche Chiara Colantuono Maria Concetta Cuomo Denise Di Concilio Lucio Di Filippo Anna Manfredi Marcello Salvi Antonio Limone Luigi Atripaldi Pellegrino Cerino Andrea Ballabio Davide Cacchiarelli
EPI_ISL_1447934	20210302925	TIGEM	Antonio Grimaldi Patrizia Annunziata Francesco Panariello Biancamaria Pierri Claudia Tiberio Valentina Bouche Chiara Colantuono Maria Concetta Cuomo Denise Di Concilio Lucio Di Filippo Anna Manfredi Marcello Salvi Antonio Limone Luigi Atripaldi Pellegrino Cerino Andrea Ballabio Davide Cacchiarelli
EPI_ISL_1447944	20210302922	TIGEM	Antonio Grimaldi Patrizia Annunziata Francesco Panariello Biancamaria Pierri Claudia Tiberio Valentina Bouche Chiara Colantuono Maria Concetta Cuomo Denise Di Concilio Lucio Di Filippo Anna Manfredi Marcello Salvi Antonio Limone Luigi Atripaldi Pellegrino Cerino Andrea Ballabio Davide Cacchiarelli
EPI_ISL_1447990	20210303795	TIGEM	Antonio Grimaldi Patrizia Annunziata Francesco Panariello Biancamaria Pierri Claudia Tiberio Valentina Bouche Chiara Colantuono Maria Concetta Cuomo Denise Di Concilio Lucio Di Filippo Anna Manfredi Marcello Salvi Antonio Limone Luigi Atripaldi Pellegrino Cerino Andrea Ballabio Davide Cacchiarelli
EPI_ISL_1447991	20210303889	TIGEM	Antonio Grimaldi Patrizia Annunziata Francesco Panariello Biancamaria Pierri Claudia Tiberio Valentina Bouche Chiara Colantuono Maria Concetta Cuomo Denise Di Concilio Lucio Di Filippo Anna Manfredi Marcello Salvi Antonio Limone Luigi Atripaldi Pellegrino Cerino Andrea Ballabio Davide Cacchiarelli
EPI_ISL_1447993	20210304470	TIGEM	Antonio Grimaldi Patrizia Annunziata Francesco Panariello Biancamaria Pierri Claudia Tiberio Valentina Bouche Chiara Colantuono Maria Concetta Cuomo Denise Di Concilio Lucio Di Filippo Anna Manfredi Marcello Salvi Antonio Limone Luigi Atripaldi Pellegrino Cerino Andrea Ballabio Davide Cacchiarelli
EPI_ISL_1447994	20210303793	TIGEM	Antonio Grimaldi Patrizia Annunziata Francesco Panariello Biancamaria Pierri Claudia Tiberio Valentina Bouche Chiara Colantuono Maria Concetta Cuomo Denise Di Concilio Lucio Di Filippo Anna Manfredi Marcello Salvi Antonio Limone Luigi Atripaldi Pellegrino Cerino Andrea Ballabio Davide Cacchiarelli
EPI_ISL_1448000	20210304422	TIGEM	Antonio Grimaldi Patrizia Annunziata Francesco Panariello Biancamaria Pierri Claudia Tiberio Valentina Bouche Chiara Colantuono Maria Concetta

				Cuomo Denise Di Concilio Lucio Di Filippo Anna Manfredi Marcello Salvi Antonio Limone Luigi Atripaldi Pellegrino Cerino Andrea Ballabio Davide Cacchiarelli
EPI_ISL_1448002	20210304543	TIGEM		Antonio Grimaldi Patrizia Annunziata Francesco Panariello Biancamaria Pierri Claudia Tiberio Valentina Bouche Chiara Colantuono Maria Concetta Cuomo Denise Di Concilio Lucio Di Filippo Anna Manfredi Marcello Salvi Antonio Limone Luigi Atripaldi Pellegrino Cerino Andrea Ballabio Davide Cacchiarelli
EPI_ISL_1448004	20210303790	TIGEM		Antonio Grimaldi Patrizia Annunziata Francesco Panariello Biancamaria Pierri Claudia Tiberio Valentina Bouche Chiara Colantuono Maria Concetta Cuomo Denise Di Concilio Lucio Di Filippo Anna Manfredi Marcello Salvi Antonio Limone Luigi Atripaldi Pellegrino Cerino Andrea Ballabio Davide Cacchiarelli
EPI_ISL_1448006	20210304339	TIGEM		Antonio Grimaldi Patrizia Annunziata Francesco Panariello Biancamaria Pierri Claudia Tiberio Valentina Bouche Chiara Colantuono Maria Concetta Cuomo Denise Di Concilio Lucio Di Filippo Anna Manfredi Marcello Salvi Antonio Limone Luigi Atripaldi Pellegrino Cerino Andrea Ballabio Davide Cacchiarelli
EPI_ISL_1448007	20210303845	TIGEM		Antonio Grimaldi Patrizia Annunziata Francesco Panariello Biancamaria Pierri Claudia Tiberio Valentina Bouche Chiara Colantuono Maria Concetta Cuomo Denise Di Concilio Lucio Di Filippo Anna Manfredi Marcello Salvi Antonio Limone Luigi Atripaldi Pellegrino Cerino Andrea Ballabio Davide Cacchiarelli
EPI_ISL_1448008	20210303778	TIGEM		Antonio Grimaldi Patrizia Annunziata Francesco Panariello Biancamaria Pierri Claudia Tiberio Valentina Bouche Chiara Colantuono Maria Concetta Cuomo Denise Di Concilio Lucio Di Filippo Anna Manfredi Marcello Salvi Antonio Limone Luigi Atripaldi Pellegrino Cerino Andrea Ballabio Davide Cacchiarelli
EPI_ISL_1448009	20210303943	TIGEM		Antonio Grimaldi Patrizia Annunziata Francesco Panariello Biancamaria Pierri Claudia Tiberio Valentina Bouche Chiara Colantuono Maria Concetta Cuomo Denise Di Concilio Lucio Di Filippo Anna Manfredi Marcello Salvi Antonio Limone Luigi Atripaldi Pellegrino Cerino Andrea Ballabio Davide Cacchiarelli
EPI_ISL_1448011	20210304393	TIGEM		Antonio Grimaldi Patrizia Annunziata Francesco Panariello Biancamaria Pierri Claudia Tiberio Valentina Bouche Chiara Colantuono Maria Concetta Cuomo Denise Di Concilio Lucio Di Filippo Anna Manfredi Marcello Salvi Antonio Limone Luigi Atripaldi Pellegrino Cerino Andrea Ballabio Davide Cacchiarelli
EPI_ISL_1448012	20210304041	TIGEM		Antonio Grimaldi Patrizia Annunziata Francesco Panariello Biancamaria Pierri Claudia Tiberio Valentina Bouche Chiara Colantuono Maria Concetta Cuomo Denise Di Concilio Lucio Di Filippo Anna Manfredi Marcello Salvi Antonio Limone Luigi Atripaldi Pellegrino Cerino Andrea Ballabio Davide Cacchiarelli
EPI_ISL_1448013	20210303909	TIGEM		Antonio Grimaldi Patrizia Annunziata Francesco Panariello Biancamaria Pierri Claudia Tiberio Valentina Bouche Chiara Colantuono Maria Concetta Cuomo Denise Di Concilio Lucio Di Filippo Anna Manfredi Marcello Salvi Antonio Limone Luigi Atripaldi Pellegrino Cerino Andrea Ballabio Davide Cacchiarelli
EPI_ISL_1448014	20210304324	TIGEM		Antonio Grimaldi Patrizia Annunziata Francesco Panariello Biancamaria Pierri Claudia Tiberio Valentina Bouche Chiara Colantuono Maria Concetta Cuomo Denise Di Concilio Lucio Di Filippo Anna Manfredi Marcello Salvi Antonio Limone Luigi Atripaldi Pellegrino Cerino Andrea Ballabio Davide Cacchiarelli
EPI_ISL_1448015	20210304551	TIGEM		Antonio Grimaldi Patrizia Annunziata Francesco Panariello Biancamaria Pierri Claudia Tiberio Valentina Bouche Chiara Colantuono Maria Concetta Cuomo Denise Di Concilio Lucio Di Filippo Anna Manfredi Marcello Salvi Antonio Limone Luigi Atripaldi Pellegrino Cerino Andrea Ballabio Davide Cacchiarelli
EPI_ISL_1448449, EPI_ISL_1448467, EPI_ISL_1448476, EPI_ISL_1448488, EPI_ISL_1448497	CHUGA-IBP-laboratoire de Virologie	IBP-laboratoire de virologie		Sylvie Larrat, Patrice Morand, Pascal Poignard, Raphaël Germi, Julien Lupo, Anne Signori -Schmuck , Anne-Karen Faure, Benjamin Nemoz, Aurélie Truffot, Léa Ponderand, Julien Andréani
EPI_ISL_1448518	TN Division of Laboratory Services	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention		Yan Li, Anna Kelleher, Ying Tao, Jing Zhang, Brian Lynch, Krista Queen, Anna Uehara, Peter Cook, Han Jia Justin Ng, Clinton R. Paden, Haibin Wang, Suixiang Tong
EPI_ISL_1455714, EPI_ISL_1455718, EPI_ISL_1455905, EPI_ISL_1455906, EPI_ISL_1455907, EPI_ISL_1455910, EPI_ISL_1455916, EPI_ISL_1455921, EPI_ISL_1455924, EPI_ISL_1455957, EPI_ISL_1455966, EPI_ISL_1455971, EPI_ISL_1456301, EPI_ISL_1456416, EPI_ISL_1456520, EPI_ISL_1456682, EPI_ISL_1456689, EPI_ISL_1456690, EPI_ISL_1456694, EPI_ISL_1456701, EPI_ISL_1456704, EPI_ISL_1456708, EPI_ISL_1456711, EPI_ISL_1456715, EPI_ISL_1456718, EPI_ISL_1456719, EPI_ISL_1457071, EPI_ISL_1457080, EPI_ISL_1457089, EPI_ISL_1457099, EPI_ISL_1457109, EPI_ISL_1457201, EPI_ISL_1457206, EPI_ISL_1457207, EPI_ISL_1457214, EPI_ISL_1457223, EPI_ISL_1457231, EPI_ISL_1457445, EPI_ISL_1457446, EPI_ISL_1457449, EPI_ISL_1457452, EPI_ISL_1457455, EPI_ISL_1457460, EPI_ISL_1457464, EPI_ISL_1457468, EPI_ISL_1457472, EPI_ISL_1457473, EPI_ISL_1457519				
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, Ryanne Jaarsma, Eunice Then, Jolienke Hardeman, Lynn Aarts, Sanne Bos, Melissa van Tuil, Robert Kohl, Linda van de Nes, Sjoerd Kuiling, James Groot, Florian Zwagemaker, Dennis Schmitz, Annelies Kroneman, Karim Hajji, Chantal Reusken, on behalf of the national COVID-19 response team
EPI_ISL_1461297	ALBANY MEDICAL CENTER	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_1461645	CHU NIMES	CHU NIMES		Stephan Robin, Marie-josée Carles, Sophie Bravo, Agathe Boudet
EPI_ISL_1462502	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_1462516, EPI_ISL_1462519	URMC LABS	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_1464447, EPI_ISL_1464510, EPI_ISL_1464511, EPI_ISL_1464512, EPI_ISL_1464513, EPI_ISL_1464514, EPI_ISL_1464515, EPI_ISL_1464516, EPI_ISL_1464539	Labor Dr. Fenner und Kollegen	Heinrich Pette Institute, Leibniz Institute for Experimental Virology		Alexis Robitaille, Thomas Günther, Johannes Knobloch, Martin Aepfelbacher, Nicole Fischer, Adam Grundhoff