

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

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

Authors are sorted alphabetically.

Accession ID	Originating Laboratory	Submitting Laboratory	Authors
EPI_ISL_1137048, EPI_ISL_1137049, EPI_ISL_1137050, EPI_ISL_1137051	Kansas Health and Environmental Lab	Kansas Health and Environmental Lab	Mike Grose, Jonathan Barnell, Ben Olsen, and Phil Adam
EPI_ISL_1164447, EPI_ISL_1164448	Jessa	Jessa	Cruys et al. on behalf of the Jessa_cmdLab
EPI_ISL_1169066, EPI_ISL_1169067, EPI_ISL_1169068, EPI_ISL_1169069, EPI_ISL_1169076, EPI_ISL_1169079, EPI_ISL_1169085, EPI_ISL_1169089, EPI_ISL_1169093, EPI_ISL_1169095, EPI_ISL_1169104, EPI_ISL_1169109, EPI_ISL_1169111, EPI_ISL_1169112, EPI_ISL_1169114, EPI_ISL_1169115, EPI_ISL_1169118, EPI_ISL_1169121, EPI_ISL_1169124, EPI_ISL_1169128, EPI_ISL_1169133, EPI_ISL_1169134, EPI_ISL_1169139, EPI_ISL_1169141, EPI_ISL_1169142, EPI_ISL_1169145, EPI_ISL_1169149, EPI_ISL_1169154, EPI_ISL_1169170, EPI_ISL_1169171, EPI_ISL_1169172, EPI_ISL_1169174, EPI_ISL_1169182, EPI_ISL_1169185, EPI_ISL_1169188, EPI_ISL_1169189, EPI_ISL_1169190, EPI_ISL_1169204, EPI_ISL_1169207, EPI_ISL_1169208, EPI_ISL_1169209, EPI_ISL_1169210, EPI_ISL_1169211, EPI_ISL_1169213, EPI_ISL_1169214, EPI_ISL_1169215, EPI_ISL_1169217, EPI_ISL_1169218, EPI_ISL_1169219, EPI_ISL_1169220, EPI_ISL_1169224, EPI_ISL_1169225, EPI_ISL_1169226, EPI_ISL_1169227, EPI_ISL_1169228, EPI_ISL_1169236, EPI_ISL_1169241, EPI_ISL_1169244, EPI_ISL_1169247, EPI_ISL_1169252, EPI_ISL_1169257, EPI_ISL_1169258, EPI_ISL_1169259, EPI_ISL_1169260, EPI_ISL_1169261, EPI_ISL_1169262, EPI_ISL_1169265, EPI_ISL_1169268, EPI_ISL_1169269, EPI_ISL_1169271, EPI_ISL_1169284, EPI_ISL_1169290, EPI_ISL_1169294, EPI_ISL_1169295, EPI_ISL_1169302, EPI_ISL_1169306, EPI_ISL_1169313, EPI_ISL_1169314, EPI_ISL_1169315, EPI_ISL_1169319, EPI_ISL_1169320, EPI_ISL_1169321, EPI_ISL_1169331, EPI_ISL_1169333, EPI_ISL_1169337, EPI_ISL_1169338, EPI_ISL_1169339, EPI_ISL_1169340, EPI_ISL_1169341, EPI_ISL_1169342, EPI_ISL_1169343, EPI_ISL_1169344, EPI_ISL_1169345, EPI_ISL_1169346, EPI_ISL_1169348, EPI_ISL_1169350, EPI_ISL_1169351, EPI_ISL_1169352, EPI_ISL_1169353, EPI_ISL_1169354, EPI_ISL_1169355, EPI_ISL_1169356, EPI_ISL_1169357, EPI_ISL_1169358, EPI_ISL_1169361, EPI_ISL_1169362, EPI_ISL_1169363, EPI_ISL_1169364, EPI_ISL_1169365, EPI_ISL_1169366, EPI_ISL_1169368, EPI_ISL_1169370, EPI_ISL_1169371, EPI_ISL_1169372, EPI_ISL_1169373, EPI_ISL_1169374, EPI_ISL_1169379, EPI_ISL_1169381, EPI_ISL_1169383, EPI_ISL_1169384, EPI_ISL_1169385, EPI_ISL_1169386, EPI_ISL_1169387, EPI_ISL_1169388, EPI_ISL_1169390, EPI_ISL_1169392, EPI_ISL_1169393, EPI_ISL_1169400, EPI_ISL_1169401, EPI_ISL_1169402, EPI_ISL_1169403, EPI_ISL_1169404, EPI_ISL_1169405, EPI_ISL_1169406, EPI_ISL_1169407, EPI_ISL_1169408, EPI_ISL_1169409, EPI_ISL_1169411, EPI_ISL_1169418, EPI_ISL_1169419, EPI_ISL_1169420, EPI_ISL_1169421, EPI_ISL_1169424, EPI_ISL_1169428, EPI_ISL_1169432, EPI_ISL_1169433, EPI_ISL_1169439, EPI_ISL_1169441, EPI_ISL_1169442, EPI_ISL_1169445			
see above	ASL Napoli 1 Centro	AMES Centro Poldiagnostico Strumentale S.r.l.	"Giovanni Savarese, Raffaella Ruggiero, Eloisa Evangelista, Antonella Di Carlo, Luisa Circelli, Luigi D'Amore, Nadia Petrillo, Monica Ianniello, Roberto Sirica,Maurizio D'Amora, Antonio Fico"
EPI_ISL_1169898, EPI_ISL_1169899	Imelda Hospital	Imelda Hospital	Johan Frans, Dagmar Obbels, Hanne Valgaeren
EPI_ISL_1171586	St. Nikolaus-Hospital Eupen	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Nathalie Renotte, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_1171593	SYNLAB	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Nathalie Renotte, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_1171711, EPI_ISL_1171770	Baylor Scott & White-Temple	Baylor Scott & White-Temple	Ari Rao, Linden Morales, Kimberly Walker, Marcus Volz, Shelby Hendrickson, Caitlin Maloney
EPI_ISL_1171778, EPI_ISL_1171817	Johns Hopkins Hospital Department of Pathology	Johns Hopkins Hospital Department of Pathology	C. Paul Morris, Chun Huai Luo, Adannaya Amadi, Matthew Schwartz, Nicholas Gallagher, Heba H. Mostafa
EPI_ISL_1172760, EPI_ISL_1172786, EPI_ISL_1172822, EPI_ISL_1172827, EPI_ISL_1172832, EPI_ISL_1172837, EPI_ISL_1172857, EPI_ISL_1172870, EPI_ISL_1172872, EPI_ISL_1172879, EPI_ISL_1172889, EPI_ISL_1172908, EPI_ISL_1172915, EPI_ISL_1172916, EPI_ISL_1172927, EPI_ISL_1172928, EPI_ISL_1172930, EPI_ISL_1172934, EPI_ISL_1172935, EPI_ISL_1172939, EPI_ISL_1172943, EPI_ISL_1172948, EPI_ISL_1172971, EPI_ISL_1172984, EPI_ISL_1172991, EPI_ISL_1172992, EPI_ISL_1172998, EPI_ISL_1173003, EPI_ISL_1173005, EPI_ISL_1173007, EPI_ISL_1173008, EPI_ISL_1173011, EPI_ISL_1173018, EPI_ISL_1173019, EPI_ISL_1173020, EPI_ISL_1173027, EPI_ISL_1173031, EPI_ISL_1173032, EPI_ISL_1173033, EPI_ISL_1173035, EPI_ISL_1173039, EPI_ISL_1173042			
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_1175317	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_1176324, EPI_ISL_1176327, EPI_ISL_1176328, EPI_ISL_1176330, EPI_ISL_1176331	AZ Klina	AZ Klina	Dr. C. Vael
EPI_ISL_1176385, EPI_ISL_1176389, EPI_ISL_1176394, EPI_ISL_1176401	Clinical Microbiology, Infection Prevention and Control	Section for Molecular Diagnostics	Björn Hallström, Jonas Björkman
EPI_ISL_1177566	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_1177670, EPI_ISL_1177671, EPI_ISL_1177673, EPI_ISL_1177683, EPI_ISL_1177684, EPI_ISL_1177685, EPI_ISL_1177687	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_1178008	Barts Health NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	CUTINO-MOGUEL, Maria-Teresa; HARRINGTON, David; OWOYEMI, Dola; KULASEGARAN-SHYLINI, Raghavendran; BROAD, Claire; KELE, Beatrix
EPI_ISL_1178013, EPI_ISL_1178014, EPI_ISL_1178021, EPI_ISL_1178028, EPI_ISL_1178032, EPI_ISL_1178033, EPI_ISL_1178034, EPI_ISL_1178035, EPI_ISL_1178036, EPI_ISL_1178037, EPI_ISL_1178055, EPI_ISL_1178066, EPI_ISL_1178067	University College London, Great Ormond Street Hospital for Children NHS Foundation Trust, Imperial College Healthcare NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Sergi Castellano, Rachel Williams, Mark Kristiansen, Paola Resende Silva, Sunando Roy, Tony Brooks, Helena Tutill, Paola Niola, Patricia Dyal, Charlotte Williams, Leysa Forrest, Yasmin Panchbhaya, Jacqueline Findlay, Samuel Weeks, Julianne Brown, Kathryn Harris, Paul Randell, James Price, Alison Holmes, Judith Breuer
EPI_ISL_1178574, EPI_ISL_1178579, EPI_ISL_1178580, EPI_ISL_1178581	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_1179412, EPI_ISL_1179440, EPI_ISL_1179442, EPI_ISL_1179455, EPI_ISL_1179456, EPI_ISL_1179460, EPI_ISL_1179464, EPI_ISL_1179465, EPI_ISL_1179466, EPI_ISL_1179472, EPI_ISL_1179476, EPI_ISL_1179488, EPI_ISL_1179489, EPI_ISL_1179501, EPI_ISL_1179502, EPI_ISL_1179503, EPI_ISL_1179504, EPI_ISL_1179509, EPI_ISL_1179529, EPI_ISL_1179530, EPI_ISL_1179533, EPI_ISL_1179534, EPI_ISL_1179561, EPI_ISL_1179571, EPI_ISL_1179573, EPI_ISL_1179578, EPI_ISL_1179579, EPI_ISL_1179586, EPI_ISL_1179587, EPI_ISL_1179588, EPI_ISL_1179595, EPI_ISL_1179616, EPI_ISL_1179618, EPI_ISL_1179622, EPI_ISL_1179623, EPI_ISL_1179624, EPI_ISL_1179625, EPI_ISL_1179630, EPI_ISL_1179639, EPI_ISL_1179640, EPI_ISL_1179641, EPI_ISL_1179645			
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 Pacchiaroni, Sara Kumziene-Summerhayes, Sarah Taylor, Sophie Jones, Sara Rey, Matthew Bull, Joanne Watkins, Sally Corden, Tom Connor
EPI_ISL_1180057, EPI_ISL_1180063, EPI_ISL_1180065, EPI_ISL_1180066, EPI_ISL_1180067, EPI_ISL_1180069, EPI_ISL_1180077, EPI_ISL_1180078, EPI_ISL_1180085, EPI_ISL_1180094, EPI_ISL_1180095, EPI_ISL_1180096, EPI_ISL_1180100, EPI_ISL_1180101, EPI_ISL_1180103, EPI_ISL_1180104			
see above	Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield	COVID-19 Genomics UK (COG-UK) Consortium	Thushan de Silva, Matthew Parker, Nikki Smith, Adri Angyal, Rebecca Brown, Luke Green, Rachel Tucker, Paul Parsons, Danielle Groves, Katie Johnson, Laura Carrilero, Alex Keeley, Dave Partridge, Matthew Wyles, Benjamin Lindsey, Mehmet Yavuz, Mohammad Raza, Cariad Evans
EPI_ISL_1180130, EPI_ISL_1180138, EPI_ISL_1180140	Bioinformatics and Biostatistics Lab, Advanced Sequencing Facility	COVID-19 Genomics UK (COG-UK) Consortium	Aengus Stewart,Jerome Nicod,Chelsea Sawyer,Laura Cubitt,Harshil Patel,Margaret Crawford
EPI_ISL_1181968, EPI_ISL_1181969	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_1182692	Baylor Esoteric + Molecular Lab	Baylor Esoteric + Molecular Lab	Elizabeth Forrester, Dawn Richards

EPI_ISL_1184094	New South Wales Health Pathology Royal Prince Alfred Hospital	Microbiology RPAH	Foster, C.; Au, J.; Ruiz Silva, M.; Deveson, I.; Bull, R.; Van Hal, S.; Rawlinson, W.
EPI_ISL_1184209	Indiana Animal Disease Diagnostic Laboratory	Carpi Laboratory - Purdue University	Jack Dorman, Ilina I Ciubotariu, Lev Gorenstein, Abebe A Fola, G Kenitra Hendrix, Rebecca P Wilkes, Giovanna Carpi
EPI_ISL_1186157, EPI_ISL_1186187, EPI_ISL_1186204, EPI_ISL_1186210	National Institute of Infectious Diseases-Prof. Dr. Matei Bals Molecular Diagnostics Laboratory	National Institute of Infectious Diseases-Prof. Dr. Matei Bals Molecular Diagnostics Laboratory	Leontina Banica, Marius Surleac, Corina Casangiu, Petre Milu, Andreea Tudor, Simona Paraschiv, Dan Otelea
EPI_ISL_1186308, EPI_ISL_1186349, EPI_ISL_1186354, EPI_ISL_1186368, EPI_ISL_1186391, EPI_ISL_1186409		EPI_ISL_1186415, EPI_ISL_1186453, EPI_ISL_1186468, EPI_ISL_1186508, EPI_ISL_1186509	
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_1186513	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_1186522, EPI_ISL_1186525, EPI_ISL_1186567, EPI_ISL_1186574, EPI_ISL_1186576, EPI_ISL_1186577, EPI_ISL_1186579, EPI_ISL_1186580, EPI_ISL_1186581, EPI_ISL_1186583, EPI_ISL_1186590, EPI_ISL_1186593, EPI_ISL_1186601, EPI_ISL_1186602, EPI_ISL_1186603, EPI_ISL_1186604, EPI_ISL_1186605, EPI_ISL_1186606, EPI_ISL_1186607, EPI_ISL_1186609, EPI_ISL_1186610, EPI_ISL_1186611, EPI_ISL_1186614, EPI_ISL_1186618, EPI_ISL_1186620, EPI_ISL_1186622, EPI_ISL_1186628, EPI_ISL_1186629, EPI_ISL_1186633, EPI_ISL_1186634, EPI_ISL_1186635, EPI_ISL_1186636, EPI_ISL_1186643, EPI_ISL_1186647, EPI_ISL_1186652, EPI_ISL_1186653, EPI_ISL_1186654, EPI_ISL_1186656, EPI_ISL_1186661, EPI_ISL_1186669, EPI_ISL_1186672, EPI_ISL_1186673, EPI_ISL_1186676, EPI_ISL_1186675, EPI_ISL_1186679, EPI_ISL_1186682, EPI_ISL_1186684, EPI_ISL_1186685, EPI_ISL_1186686, EPI_ISL_1186687, EPI_ISL_1186695, EPI_ISL_1186697, EPI_ISL_1186699, EPI_ISL_1186703, EPI_ISL_1186704, EPI_ISL_1186709, EPI_ISL_1186711, EPI_ISL_1186713, EPI_ISL_1186719, EPI_ISL_1186726, EPI_ISL_1186729, EPI_ISL_1186730, EPI_ISL_1186732, EPI_ISL_1186733, EPI_ISL_1186737, EPI_ISL_1186738, EPI_ISL_1186740, EPI_ISL_1186741, EPI_ISL_1186743, EPI_ISL_1186750, EPI_ISL_1186752, EPI_ISL_1186753, EPI_ISL_1186754, EPI_ISL_1186755, EPI_ISL_1186756, EPI_ISL_1186759, EPI_ISL_1186763, EPI_ISL_1186764, EPI_ISL_1186766, EPI_ISL_1186768, EPI_ISL_1186772, EPI_ISL_1186773, EPI_ISL_1186775, EPI_ISL_1186776, EPI_ISL_1186778, EPI_ISL_1186779, EPI_ISL_1186780, EPI_ISL_1186781, EPI_ISL_1186787, EPI_ISL_1186790, EPI_ISL_1186793, EPI_ISL_1186794, EPI_ISL_1186799, EPI_ISL_1186801			
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_1186805	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_1186806, EPI_ISL_1186808, EPI_ISL_1186809, EPI_ISL_1186810, EPI_ISL_1186812, EPI_ISL_1186813, EPI_ISL_1186815, EPI_ISL_1186817, EPI_ISL_1186818, EPI_ISL_1186823, EPI_ISL_1186824, EPI_ISL_1186825, EPI_ISL_1186827, EPI_ISL_1186834, EPI_ISL_1186835, EPI_ISL_1186839, EPI_ISL_1186840, EPI_ISL_1186843, EPI_ISL_1186853			
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_1187257	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_1187261	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_1187268, EPI_ISL_1187270	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_1187276, EPI_ISL_1187277	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_1187287	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_1187299, EPI_ISL_1187301, EPI_ISL_1187303, EPI_ISL_1187305, EPI_ISL_1187308, EPI_ISL_1187309, EPI_ISL_1187310, EPI_ISL_1187312	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_1187313	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_1187315	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_1187316	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_1187318, EPI_ISL_1187329	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_1187331	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_1187338, EPI_ISL_1187339, EPI_ISL_1187343, EPI_ISL_1187347, EPI_ISL_1187348	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_1187361	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_1187363, EPI_ISL_1187367, EPI_ISL_1187368, EPI_ISL_1187369, EPI_ISL_1187372	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_1187377	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_1187378	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_1187379, EPI_ISL_1187380	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_1187385, EPI_ISL_1187386, EPI_ISL_1187392, EPI_ISL_1187395, EPI_ISL_1187397	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_1187398	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_1187407	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_1187408	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_1187412	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_1187414, EPI_ISL_1187415	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_1187416	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_1187419, EPI_ISL_1187420	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_1187422	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_1187423	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_1187433, EPI_ISL_1187434, EPI_ISL_1187438, EPI_ISL_1187442	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_1187452	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_1187455, EPI_ISL_1187458, EPI_ISL_1187468, EPI_ISL_1187470, EPI_ISL_1187471, EPI_ISL_1187477, EPI_ISL_1187479, EPI_ISL_1187481, EPI_ISL_1187487, EPI_ISL_1187491	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_1187499	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_1187502, EPI_ISL_1187511, EPI_ISL_1187514	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_1187519	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_1187520	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_1187521	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_1187522, EPI_ISL_1187523, EPI_ISL_1187526	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_1189256	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_1190342	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_1190850	Platform BIS UZA/UAntwerpen	UAntwerp, Laboratory of Medical Microbiology	Basil Britto Xavier, Jasmine Coppens, Marie Le Mercier, Christine Lammens, Veerle Matheussen, Herman Goossens
EPI_ISL_1191727	Coast Diagnostics	Synergy Laboratories, Inc.	Tina Louise Sutton-Young
EPI_ISL_1193399	Jessa	Jessa	Cruys et al. on behalf of the Jessa_cmdLab
EPI_ISL_1195877, EPI_ISL_1195878	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_1198843, EPI_ISL_1198846, EPI_ISL_1198847	SARS-CoV-2 testing team, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Minoru Nagi, Ken Miyazawa, Takashi Sakudoh, Nozomu Hanaoka, Tsuguto Fujimoto, Makoto Kuroda
EPI_ISL_1200553	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1200555	OCME Office Of Chief Medical Examiner	New York City Public Health Laboratory	Jade Wang, et al.

EPI_ISL_1201281	Center of Advanced Studies and Technology, Molecular Genetics Laboratory	Center of Advanced Studies and Technology, Molecular Genetics Laboratory	Ferrante Rossella, Mandatori Domitilla, De Fabritiis Simone, Damiani Verena, Anacleiro Federico
EPI_ISL_1201542	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillili, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Amade (W)
EPI_ISL_1205490, EPI_ISL_1205491, EPI_ISL_1205492, EPI_ISL_1205493, EPI_ISL_1205494, EPI_ISL_1205495, EPI_ISL_1205496, EPI_ISL_1205498, EPI_ISL_1205499, EPI_ISL_1205500, EPI_ISL_1205501, EPI_ISL_1205502, EPI_ISL_1205503, EPI_ISL_1205505, EPI_ISL_1205506, EPI_ISL_1205507, EPI_ISL_1205508, EPI_ISL_1205509, EPI_ISL_1205510, EPI_ISL_1205511, EPI_ISL_1205512, EPI_ISL_1205513, EPI_ISL_1205514, EPI_ISL_1205515, EPI_ISL_1205516, EPI_ISL_1205517, EPI_ISL_1205518, EPI_ISL_1205519, EPI_ISL_1205520, EPI_ISL_1205521, EPI_ISL_1205523, EPI_ISL_1205524, EPI_ISL_1205525, EPI_ISL_1205526, EPI_ISL_1205527, EPI_ISL_1205528, EPI_ISL_1205529, EPI_ISL_1205530, EPI_ISL_1205531, EPI_ISL_1205532, EPI_ISL_1205533, EPI_ISL_1205534, EPI_ISL_1205535, EPI_ISL_1205536, EPI_ISL_1205537, EPI_ISL_1205538, EPI_ISL_1205539, EPI_ISL_1205540, EPI_ISL_1205541, EPI_ISL_1205542, EPI_ISL_1205543, EPI_ISL_1205544, EPI_ISL_1205545, EPI_ISL_1205546, EPI_ISL_1205547, EPI_ISL_1205548, EPI_ISL_1205549, EPI_ISL_1205550, EPI_ISL_1205551, EPI_ISL_1205552, EPI_ISL_1205553, EPI_ISL_1205554, EPI_ISL_1205555, EPI_ISL_1205556, EPI_ISL_1205557, EPI_ISL_1205558, EPI_ISL_1205559, EPI_ISL_1205560, EPI_ISL_1205561, EPI_ISL_1205562, EPI_ISL_1205563, EPI_ISL_1205564, EPI_ISL_1205565, EPI_ISL_1205566, EPI_ISL_1205567, EPI_ISL_1205568, EPI_ISL_1205569, EPI_ISL_1205570, EPI_ISL_1205571, EPI_ISL_1205572, EPI_ISL_1205573, EPI_ISL_1205574, EPI_ISL_1205575, EPI_ISL_1205576, EPI_ISL_1205577, EPI_ISL_1205578, EPI_ISL_1205579, EPI_ISL_1205580, EPI_ISL_1205581, EPI_ISL_1205582, EPI_ISL_1205583, EPI_ISL_1205584, EPI_ISL_1205585, EPI_ISL_1205586, EPI_ISL_1205587, EPI_ISL_1205588, EPI_ISL_1205589, EPI_ISL_1205590, EPI_ISL_1205591, EPI_ISL_1205592, EPI_ISL_1205593, EPI_ISL_1205594, EPI_ISL_1205595, EPI_ISL_1205596, EPI_ISL_1205597, EPI_ISL_1205598, EPI_ISL_1205599, EPI_ISL_1205600, EPI_ISL_1205601, EPI_ISL_1205602, EPI_ISL_1205603, EPI_ISL_1205604, EPI_ISL_1205605, EPI_ISL_1205606, EPI_ISL_1205607, EPI_ISL_1205608, EPI_ISL_1205609, EPI_ISL_1205610, EPI_ISL_1205611, EPI_ISL_1205612, EPI_ISL_1205613, EPI_ISL_1205614, EPI_ISL_1205615, EPI_ISL_1205616, EPI_ISL_1205617, EPI_ISL_1205618, EPI_ISL_1205619, EPI_ISL_1205620, EPI_ISL_1205621, EPI_ISL_1205622, EPI_ISL_1205623, EPI_ISL_1205624, EPI_ISL_1205625, EPI_ISL_1205626, EPI_ISL_1205627, EPI_ISL_1205628, EPI_ISL_1205629, EPI_ISL_1205630, EPI_ISL_1205631, EPI_ISL_1205632, EPI_ISL_1205633, EPI_ISL_1205634, EPI_ISL_1205635, EPI_ISL_1205636, EPI_ISL_1205637, EPI_ISL_1205638, EPI_ISL_1205639, EPI_ISL_1205640, EPI_ISL_1205641, EPI_ISL_1205642, EPI_ISL_1205643, EPI_ISL_1205644, EPI_ISL_1205645, EPI_ISL_1205646, EPI_ISL_1205647, EPI_ISL_1205648, EPI_ISL_1205649, EPI_ISL_1205650, EPI_ISL_1205651, EPI_ISL_1205652, EPI_ISL_1205653, EPI_ISL_1205654, EPI_ISL_1205655, EPI_ISL_1205656, EPI_ISL_1205657, EPI_ISL_1205658, EPI_ISL_1205659, EPI_ISL_1205660, EPI_ISL_1205661, EPI_ISL_1205662, EPI_ISL_1205663, EPI_ISL_1205664, EPI_ISL_1205665, EPI_ISL_1205666, EPI_ISL_1205667, EPI_ISL_1205668, EPI_ISL_1205669, EPI_ISL_1205670, EPI_ISL_1205671, EPI_ISL_1205672, EPI_ISL_1205673, EPI_ISL_1205674, EPI_ISL_1205675, EPI_ISL_1205676, EPI_ISL_1205677, EPI_ISL_1205678, EPI_ISL_1205679, EPI_ISL_1205680, EPI_ISL_1205681, EPI_ISL_1205682, EPI_ISL_1205683, EPI_ISL_1205684, EPI_ISL_1205685, EPI_ISL_1205686, EPI_ISL_1205687, EPI_ISL_1205688, EPI_ISL_1205689, EPI_ISL_1205690, EPI_ISL_1205691, EPI_ISL_1205692, EPI_ISL_1205693, EPI_ISL_1205694, EPI_ISL_1205695, EPI_ISL_1205696, EPI_ISL_1205697, EPI_ISL_1205698, EPI_ISL_1205700, EPI_ISL_1205701, EPI_ISL_1205702, EPI_ISL_1205703, EPI_ISL_1205704, EPI_ISL_1205705, EPI_ISL_1205706			
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_1205707	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_1205708	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_1205709, EPI_ISL_1205710	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_1205713	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_1205714	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_1205716, EPI_ISL_1205717, EPI_ISL_1205718	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_1205719, EPI_ISL_1205720, EPI_ISL_1205721	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 Lang

[illegible]

[illegible]

[illegible]

	(COG-UK) Consortium	Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1205971, EPI_ISL_1205972, EPI_ISL_1205973, EPI_ISL_1205974, EPI_ISL_1205975, EPI_ISL_1205976, EPI_ISL_1205977	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_1205978, EPI_ISL_1205979	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_1205980, EPI_ISL_1205981, EPI_ISL_1205983, EPI_ISL_1205984, EPI_ISL_1205985, EPI_ISL_1205986	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_1205988, EPI_ISL_1205991, EPI_ISL_1205992	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_1205993, EPI_ISL_1205994, EPI_ISL_1205995	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_1205996, EPI_ISL_1205997	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_1205998, EPI_ISL_1205999	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_1206000, EPI_ISL_1206001, EPI_ISL_1206003	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_1206004	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_1206005, EPI_ISL_1206006	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_1206007	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_1206008	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_1206009, EPI_ISL_1206010	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_1206011	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_1206012, EPI_ISL_1206013, EPI_ISL_1206015, EPI_ISL_1206016, EPI_ISL_1206018, EPI_ISL_1206019, EPI_ISL_1206020	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_1206021, EPI_ISL_1206022, EPI_ISL_1206023, EPI_ISL_1206024, EPI_ISL_1206025, EPI_ISL_1206027, EPI_ISL_1206028	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_1206029	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_1206030, EPI_ISL_1206031, EPI_ISL_1206032	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_1206033	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_1206034	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_1206035, EPI_ISL_1206036	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_1206037, EPI_ISL_1206038	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_1206407	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_1207152	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_1207154	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_1207155	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_1207156, EPI_ISL_1207159,	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK

[illegible]

[illegible]

EPI_ISL_1207894, EPI_ISL_1207895, EPI_ISL_1207896, EPI_ISL_1207897, EPI_ISL_1207898, EPI_ISL_1207899, EPI_ISL_1207900, EPI_ISL_1207901, EPI_ISL_1207902, EPI_ISL_1207903, EPI_ISL_1207904, EPI_ISL_1207905, EPI_ISL_1207906, EPI_ISL_1207907, EPI_ISL_1207908, EPI_ISL_1207909, EPI_ISL_1207910, EPI_ISL_1208048, EPI_ISL_1208052, EPI_ISL_1208054, EPI_ISL_1208058, EPI_ISL_1208063, EPI_ISL_1208065, EPI_ISL_1208070, EPI_ISL_1208071, EPI_ISL_1208072, EPI_ISL_1208080, EPI_ISL_1208082, EPI_ISL_1208083, EPI_ISL_1208087, EPI_ISL_1208091, EPI_ISL_1208099, EPI_ISL_1208101, EPI_ISL_1208106, EPI_ISL_1208109				
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_1209014	University of Bari Biomedical Sciences and Human Oncology	University of Bari Biomedical Sciences and Human Oncology	Chironna M., Sallustio A., Loconsole D., Accogli M., Parisi A.	
EPI_ISL_1210448, EPI_ISL_1210449, EPI_ISL_1210450, EPI_ISL_1210451, EPI_ISL_1210452, EPI_ISL_1210453, EPI_ISL_1210454, EPI_ISL_1210455, EPI_ISL_1210456, EPI_ISL_1210457, EPI_ISL_1210458, EPI_ISL_1210459, EPI_ISL_1210460, EPI_ISL_1210461, EPI_ISL_1210473, EPI_ISL_1210474, EPI_ISL_1210477, EPI_ISL_1210489				
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_1211934, EPI_ISL_1211936, EPI_ISL_1211937, EPI_ISL_1211941, EPI_ISL_1211943	Philipps-Universität Marburg Fachbereich Medizin Institut für Virologie	Robert Koch Institute	unknown	
EPI_ISL_1211980	Dianovis GmbH Greiz	Robert Koch Institute	unknown	
EPI_ISL_1212929	amedes MVZ für Laboratoriumsdiagnostik Raubling GmbH	Robert Koch Institute	unknown	
EPI_ISL_1212933	amedes MVZ Hannover	Robert Koch Institute	unknown	
EPI_ISL_1212937	amedes MVZ für Laboratoriumsdiagnostik Raubling GmbH	Robert Koch Institute	unknown	
EPI_ISL_1212939	amedes MVZ Hannover	Robert Koch Institute	unknown	
EPI_ISL_1212945	amedes MVZ für Laboratoriumsdiagnostik Raubling GmbH	Robert Koch Institute	unknown	
EPI_ISL_1212966	amedes MVZ Hannover	Robert Koch Institute	unknown	
EPI_ISL_1212991	amedes MVZ für Laboratoriumsdiagnostik Raubling GmbH	Robert Koch Institute	unknown	
EPI_ISL_1212996	amedes MVZ Hannover	Robert Koch Institute	unknown	
EPI_ISL_1213027	amedes MVZ für Laboratoriumsdiagnostik Raubling GmbH	Robert Koch Institute	unknown	
EPI_ISL_1213035, EPI_ISL_1213044, EPI_ISL_1213070	amedes MVZ Hannover	Robert Koch Institute	unknown	
EPI_ISL_1213086	amedes MVZ für Laboratoriumsdiagnostik Raubling GmbH	Robert Koch Institute	unknown	
EPI_ISL_1213095	amedes MVZ Hannover	Robert Koch Institute	unknown	
EPI_ISL_1213409, EPI_ISL_1213786, EPI_ISL_1213789	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown	
EPI_ISL_1213791	SYNLAB MVZ Trier	Robert Koch Institute	unknown	
EPI_ISL_1213799	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown	
EPI_ISL_1213803	SYNLAB MVZ Berlin	Robert Koch Institute	unknown	
EPI_ISL_1213813, EPI_ISL_1213828, EPI_ISL_1213834	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown	
EPI_ISL_1213837	SYNLAB MVZ Berlin	Robert Koch Institute	unknown	
EPI_ISL_1213838, EPI_ISL_1213853	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown	
EPI_ISL_1213857, EPI_ISL_1213866	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown	
EPI_ISL_1213870	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown	
EPI_ISL_1213874	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown	
EPI_ISL_1213875	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown	
EPI_ISL_1213876, EPI_ISL_1213877, EPI_ISL_1213880, EPI_ISL_1213883, EPI_ISL_1213887, EPI_ISL_1213891	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown	
EPI_ISL_1213893, EPI_ISL_1213895, EPI_ISL_1213897	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown	
EPI_ISL_1213898	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown	
EPI_ISL_1213902	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown	
EPI_ISL_1213910	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown	
EPI_ISL_1213911	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown	
EPI_ISL_1213921	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown	
EPI_ISL_1213926, EPI_ISL_1213930	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown	
EPI_ISL_1213935, EPI_ISL_1213936, EPI_ISL_1213940	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown	
EPI_ISL_1213941	SYNLAB MVZ Berlin	Robert Koch Institute	unknown	
EPI_ISL_1213960, EPI_ISL_1214003, EPI_ISL_1214034, EPI_ISL_1214053, EPI_ISL_1214061	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown	
EPI_ISL_1214077	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown	
EPI_ISL_1214082	Praxisgemeinschaft für Laboratoriumsmedizin Labor Blumenstraße; Praxis Dr. Sel und Dr. Späte	Robert Koch Institute	unknown	
EPI_ISL_1214089	Praxisgemeinschaft für Laboratoriumsmedizin Labor Blumenstraße; Praxis Dr. E. Wietschel & Dr. F. Wietschel	Robert Koch Institute	unknown	
EPI_ISL_1214096, EPI_ISL_1214102	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown	
EPI_ISL_1214455, EPI_ISL_1214565, EPI_ISL_1214759, EPI_ISL_1214766	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown	

EPI_ISL_1214834, EPI_ISL_1214877, EPI_ISL_1214908	MVZ Dr. Eberhard & Partner Dortmund	Robert Koch Institute	unknown
EPI_ISL_1214947	Medizinisches Labor Wahl Lüdenscheid	Robert Koch Institute	unknown
EPI_ISL_1214982	MVZ Dr. Eberhard & Partner Dortmund	Robert Koch Institute	unknown
EPI_ISL_1214997, EPI_ISL_1215005, EPI_ISL_1215009, EPI_ISL_1215020	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1215037	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1215057, EPI_ISL_1215067, EPI_ISL_1215069, EPI_ISL_1215077, EPI_ISL_1215086, EPI_ISL_1215099, EPI_ISL_1215109, EPI_ISL_1215111, EPI_ISL_1215127	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1215144	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1215175, EPI_ISL_1215216, EPI_ISL_1215230, EPI_ISL_1215240, EPI_ISL_1215253	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1215653	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1215654	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1215657, EPI_ISL_1215658, EPI_ISL_1215660, EPI_ISL_1215663, EPI_ISL_1215664	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1215665	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1215666	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1215668	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1215669	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1215670, EPI_ISL_1215671	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1215673	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1215674	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1215680	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1215689, EPI_ISL_1215690	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1215693	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1215699	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1215700	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1215704	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1215705, EPI_ISL_1215706	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1215707, EPI_ISL_1215708	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1215709	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1215713	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1215721	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1215723	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1215725, EPI_ISL_1215727	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1215735	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1215736, EPI_ISL_1215737	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1215740	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1216467, EPI_ISL_1216527	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1216905, EPI_ISL_1216924, EPI_ISL_1216929, EPI_ISL_1216989	IMD Labor Frankfurt	Robert Koch Institute	unknown
EPI_ISL_1217125, EPI_ISL_1217130, EPI_ISL_1217131, EPI_ISL_1217136, EPI_ISL_1217137, EPI_ISL_1217144, EPI_ISL_1217145, EPI_ISL_1217146, EPI_ISL_1217149, EPI_ISL_1217152, EPI_ISL_1217156, EPI_ISL_1217162, EPI_ISL_1217163, EPI_ISL_1217175, EPI_ISL_1217176			
see above	Labor Dr. Heidrich & Kollegen MVZ GmbH Hamburg	Robert Koch Institute	unknown
EPI_ISL_1217424, EPI_ISL_1217425, EPI_ISL_1217426, EPI_ISL_1217427	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1217428	SYNLAB MVZ Neustadt a. d. Weinstraße	Robert Koch Institute	unknown
EPI_ISL_1217431	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1217432	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1217433	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1217434, EPI_ISL_1217436	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1217437	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1217439	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1217441	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1217448, EPI_ISL_1217449	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1217450	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1217453, EPI_ISL_1217454, EPI_ISL_1217456, EPI_ISL_1217457,	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown

EPI_ISL_1217459, EPI_ISL_1217463, EPI_ISL_1217464, EPI_ISL_1217465, EPI_ISL_1217467			
EPI_ISL_1217468	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1217469	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1217470	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1217471, EPI_ISL_1217472, EPI_ISL_1217473, EPI_ISL_1217474, EPI_ISL_1217475, EPI_ISL_1217477, EPI_ISL_1217479	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1217481	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1217483, EPI_ISL_1217485, EPI_ISL_1217486	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1217487	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1217489	SYNLAB MVZ Neustadt a. d. Weinstraße	Robert Koch Institute	unknown
EPI_ISL_1217493, EPI_ISL_1217494, EPI_ISL_1217495, EPI_ISL_1217497, EPI_ISL_1217498, EPI_ISL_1217500, EPI_ISL_1217501, EPI_ISL_1217503, EPI_ISL_1217504, EPI_ISL_1217505, EPI_ISL_1217506			
see above	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1217511	Uniklinikum Regensburg; Institut für Mikrobiologie	Robert Koch Institute	unknown
EPI_ISL_1217519	Institut für Immunologie und Genetik Kaiserslautern: Medizinisches Labor Dr. med. B. Thiele	Robert Koch Institute	unknown
EPI_ISL_1217524, EPI_ISL_1217526	MVZ Dr. Eberhard & Partner Dortmund	Robert Koch Institute	unknown
EPI_ISL_1217530	Kath. St.-Johannes-Gesellschaft Dortmund gGmbH	Robert Koch Institute	unknown
EPI_ISL_1217531, EPI_ISL_1217536, EPI_ISL_1217538, EPI_ISL_1217560	MVZ Dr. Eberhard & Partner Dortmund	Robert Koch Institute	unknown
EPI_ISL_1217570	Thüringer Landesamtes für Verbraucherschutz	Robert Koch Institute	unknown
EPI_ISL_1217577	Med. Labor Prof. Schenk Dr. Ansorge & Kollegen	Robert Koch Institute	unknown
EPI_ISL_1217617	Uniklinikum Carl Gustav Carus an der TU Dresden; Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1217622, EPI_ISL_1217626, EPI_ISL_1217628	Medizinisches Labor Ostsachsen MVZ GbRNeubenbetriebsstätte Dresden	Robert Koch Institute	unknown
EPI_ISL_1217629, EPI_ISL_1217639, EPI_ISL_1217642	Uniklinikum Carl Gustav Carus an der TU Dresden; Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1217646	Medizinisches Labor Ostsachsen MVZ GbRNeubenbetriebsstätte Dresden	Robert Koch Institute	unknown
EPI_ISL_1217648	Landesuntersuchungsanstalt für das Gesundheits- und Veterinärwesen (LUA) Sachsen	Robert Koch Institute	unknown
EPI_ISL_1217652	LABOR CHEMNITZ - Zentrum für Diagnostik am Klinikum Chemnitz	Robert Koch Institute	unknown
EPI_ISL_1217653	Städtisches Klinikum Dresden	Robert Koch Institute	unknown
EPI_ISL_1217654	Uniklinikum Carl Gustav Carus an der TU Dresden; Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1217656	Städtisches Klinikum Dresden	Robert Koch Institute	unknown
EPI_ISL_1217657	Medizinisches Labor Ostsachsen MVZ GbRNeubenbetriebsstätte Dresden	Robert Koch Institute	unknown
EPI_ISL_1217666, EPI_ISL_1217670	Städtisches Klinikum Dresden	Robert Koch Institute	unknown
EPI_ISL_1217671	Medizinisches Labor Ostsachsen MVZ GbRNeubenbetriebsstätte Dresden	Robert Koch Institute	unknown
EPI_ISL_1217680, EPI_ISL_1217682	Uniklinikum Carl Gustav Carus an der TU Dresden; Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1217687	Medizinisches Labor Ostsachsen MVZ GbRNeubenbetriebsstätte Dresden	Robert Koch Institute	unknown
EPI_ISL_1217689, EPI_ISL_1217690, EPI_ISL_1217691, EPI_ISL_1217693, EPI_ISL_1217698	Städtisches Klinikum Dresden	Robert Koch Institute	unknown
EPI_ISL_1217699	Medizinisches Labor Ostsachsen MVZ GbRNeubenbetriebsstätte Dresden	Robert Koch Institute	unknown
EPI_ISL_1217795, EPI_ISL_1217797, EPI_ISL_1217798, EPI_ISL_1217802, EPI_ISL_1217804, EPI_ISL_1217806, EPI_ISL_1217816, EPI_ISL_1217818, EPI_ISL_1217821, EPI_ISL_1217826	Universitätsklinikum Essen	Robert Koch Institute	unknown
EPI_ISL_1218189, EPI_ISL_1218190, EPI_ISL_1218191, EPI_ISL_1218193, EPI_ISL_1218194, EPI_ISL_1218195, EPI_ISL_1218197, EPI_ISL_1218198	Klinikum Ernst von Bergmann gemeinnützige GmbH - stationärer Bereich	Robert Koch Institute	unknown
EPI_ISL_1218214	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1218231	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1218234, EPI_ISL_1218236, EPI_ISL_1218238	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown

EPI_ISL_1218240	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1218242	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1218248, EPI_ISL_1218252	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1218255	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1218261, EPI_ISL_1218262	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1218265	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1218271	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1218279, EPI_ISL_1218281, EPI_ISL_1218284, EPI_ISL_1218286, EPI_ISL_1218287, EPI_ISL_1218296, EPI_ISL_1218308, EPI_ISL_1218311, EPI_ISL_1218312, EPI_ISL_1218316, EPI_ISL_1218335, EPI_ISL_1218348, EPI_ISL_1218352, EPI_ISL_1218358			
see above	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1218374	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1218378, EPI_ISL_1218379, EPI_ISL_1218383	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1218393, EPI_ISL_1218397, EPI_ISL_1218417	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1218421	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1218422	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1218435	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1218437	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1218445	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1218448	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1218455	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1218461	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1218463	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1218464, EPI_ISL_1218490, EPI_ISL_1218505	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1218525	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1218530	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1218551, EPI_ISL_1218553, EPI_ISL_1218559, EPI_ISL_1218561, EPI_ISL_1218563, EPI_ISL_1218583, EPI_ISL_1218584, EPI_ISL_1218587, EPI_ISL_1218591, EPI_ISL_1218594, EPI_ISL_1218598, EPI_ISL_1218599, EPI_ISL_1218615, EPI_ISL_1218616, EPI_ISL_1218628, EPI_ISL_1218630, EPI_ISL_1218633, EPI_ISL_1218636, EPI_ISL_1218642, EPI_ISL_1218644			
see above	MVZ Labor Krone GbR	Robert Koch Institute	unknown
EPI_ISL_1219107, EPI_ISL_1219108, EPI_ISL_1219109, EPI_ISL_1219111, EPI_ISL_1219112, EPI_ISL_1219113, EPI_ISL_1219114, EPI_ISL_1219115, EPI_ISL_1219116, EPI_ISL_1219117, EPI_ISL_1219118, EPI_ISL_1219119, EPI_ISL_1219120, EPI_ISL_1219121, EPI_ISL_1219122, EPI_ISL_1219123, EPI_ISL_1219124, EPI_ISL_1219125, EPI_ISL_1219126, EPI_ISL_1219127, EPI_ISL_1219129, EPI_ISL_1219131			
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_1219927, EPI_ISL_1219928, EPI_ISL_1219929	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Serazin V
EPI_ISL_1219932	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Delamare Catherine
EPI_ISL_1220074, EPI_ISL_1220076, EPI_ISL_1220077	Plateforme de testing Namuroise	Plateforme de testing Namuroise	; Otto Gaetan ; Denis Olivier ; Degosserie Jonathan ; Mullier François
EPI_ISL_1222703	Northwest Laboratories	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Erica Ryke, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Romesh Gautom, Geoff Melly, Brian Hiatt, Philip Dykema, Scott Lindquist, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Helen Y. Chu, Jay Shendure, Trevor Bedford
EPI_ISL_1222705, EPI_ISL_1222706, EPI_ISL_1222707, EPI_ISL_1222708	Evergreen Healthcare	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Erica Ryke, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Romesh Gautom, Geoff Melly, Brian Hiatt, Philip Dykema, Scott Lindquist, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Helen Y. Chu, Jay Shendure, Trevor Bedford
EPI_ISL_1222723, EPI_ISL_1222724, EPI_ISL_1222728	AZDelta	AZDelta	Geert Martens; Dieter De Smet
EPI_ISL_1222944, EPI_ISL_1222945, EPI_ISL_1222946, EPI_ISL_1222947, EPI_ISL_1222948, EPI_ISL_1222949, EPI_ISL_1222950, EPI_ISL_1222951, EPI_ISL_1222952, EPI_ISL_1222953, EPI_ISL_1222954, EPI_ISL_1222955, EPI_ISL_1222956, EPI_ISL_1222957, EPI_ISL_1222958, EPI_ISL_1222959, EPI_ISL_1222960, EPI_ISL_1222961, EPI_ISL_1222962, EPI_ISL_1222963, EPI_ISL_1222964, EPI_ISL_1222965, EPI_ISL_1222966, EPI_ISL_1222967, EPI_ISL_1222968, EPI_ISL_1222969, EPI_ISL_1222970, EPI_ISL_1222971, EPI_ISL_1222972, EPI_ISL_1222973, EPI_ISL_1222974, EPI_ISL_1222975, EPI_ISL_1222976, EPI_ISL_1222977, EPI_ISL_1222978, EPI_ISL_1222979, EPI_ISL_1222980, EPI_ISL_1222981, EPI_ISL_1222982, EPI_ISL_1222983, EPI_ISL_1222984, EPI_ISL_1222985, EPI_ISL_1222986, EPI_ISL_1222987, EPI_ISL_1222988, EPI_ISL_1222989, EPI_ISL_1222990, EPI_ISL_1222991, EPI_ISL_1222992, EPI_ISL_1222993, EPI_ISL_1222994, EPI_ISL_1222995, EPI_ISL_1222996, EPI_ISL_1222997, EPI_ISL_1222998, EPI_ISL_1222999, EPI_ISL_1223000, EPI_ISL_1223001, EPI_ISL_1223002, EPI_ISL_1223003, EPI_ISL_1223004, EPI_ISL_1223005, EPI_ISL_1223006, EPI_ISL_1223007, EPI_ISL_1223008, EPI_ISL_1223009, EPI_ISL_1223010, EPI_ISL_1223011, EPI_ISL_1223012, EPI_ISL_1223013, EPI_ISL_1223014, EPI_ISL_1223015, EPI_ISL_1223016, EPI_ISL_1223017, EPI_ISL_1223018, EPI_ISL_1223019, EPI_ISL_1223020, EPI_ISL_1223022, EPI_ISL_1223023, EPI_ISL_1223024, EPI_ISL_1223025, EPI_ISL_1223026, EPI_ISL_1223027, EPI_ISL_1223028, EPI_ISL_1223029, EPI_ISL_1223030, EPI_ISL_1223031, EPI_ISL_1223032, EPI_ISL_1223033, EPI_ISL_1223034, EPI_ISL_1223035, EPI_ISL_1223036, EPI_ISL_1223037, EPI_ISL_1223038, EPI_ISL_1223039, EPI_ISL_1223040, EPI_ISL_1223041, EPI_ISL_1223042, EPI_ISL_1223043, EPI_ISL_1223044, EPI_ISL_1223045, EPI_ISL_1223046, EPI_ISL_1223047, EPI_ISL_1223048, EPI_ISL_1223049, EPI_ISL_1223050, EPI_ISL_1223051, EPI_ISL_1223052, EPI_ISL_1223053, EPI_ISL_1223054, EPI_ISL_1223055, EPI_ISL_1223056, EPI_ISL_1223057, EPI_ISL_1223058, EPI_ISL_1223059, EPI_ISL_1223060, EPI_ISL_1223061, EPI_ISL_1223062, EPI_ISL_1223063, EPI_ISL_1223064, EPI_ISL_1223065, EPI_ISL_1223066, EPI_ISL_1223067, EPI_ISL_1223068, EPI_ISL_1223069, EPI_ISL_1223070, EPI_ISL_1223071, EPI_ISL_1223072, EPI_ISL_1223073, EPI_ISL_1223074, EPI_ISL_1223075, EPI_ISL_1223076, EPI_ISL_1223077, EPI_ISL_1223078, EPI_ISL_1223079, EPI_ISL_1223080, EPI_ISL_1223081, EPI_ISL_1223082, EPI_ISL_1223083, EPI_ISL_1223084, EPI_ISL_1223085, EPI_ISL_1223086, EPI_ISL_1223087, EPI_ISL_1223088, EPI_ISL_1223089, EPI_ISL_1223090, EPI_ISL_1223091, EPI_ISL_1223092, EPI_ISL_1223093, EPI_ISL_1223094, EPI_ISL_1223095, EPI_ISL_1223096, EPI_ISL_1223097, EPI_ISL_1223098, EPI_ISL_1223099, EPI_ISL_1223100, EPI_ISL_1223101, EPI_ISL_1223102, EPI_ISL_1223103, EPI_ISL_1223104, EPI_ISL_1223105, EPI_ISL_1223106, EPI_ISL_1223107, EPI_ISL_1223108, EPI_ISL_1223109, EPI_ISL_1223110, EPI_ISL_1223111, EPI_ISL_1223112, EPI_ISL_1223113, EPI_ISL_1223114, EPI_ISL_1223115, EPI_ISL_1223116, EPI_ISL_1223117, EPI_ISL_1223118, EPI_ISL_1223119, EPI_ISL_1223120, EPI_ISL_1223121, EPI_ISL_1223122, EPI_ISL_1223123, EPI_ISL_1223124, EPI_ISL_1223125, EPI_ISL_1223126, EPI_ISL_1223127, EPI_ISL_1223128, EPI_ISL_1223129, EPI_ISL_1223130, EPI_ISL_1223131, EPI_ISL_1223132, EPI_ISL_1223133, EPI_ISL_1223134, EPI_ISL_1223135, EPI_ISL_1223136, EPI_ISL_1223137, EPI_ISL_1223138, EPI_ISL_1223139, EPI_ISL_1223140, EPI_ISL_1223141, EPI_ISL_1223142, EPI_ISL_1223143, EPI_ISL_1223144, EPI_ISL_1223145, EPI_ISL_1223146, EPI_ISL_1223147, EPI_ISL_1223148, EPI_ISL_1223149, EPI_ISL_1223150, EPI_ISL_1223151, EPI_ISL_1223152, EPI_ISL_1223153, EPI_ISL_1223154, EPI_ISL_1223155, EPI_ISL_1223156, EPI_ISL_1223157, EPI_ISL_1223158			
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_1223192, EPI_ISL_1223238, EPI_ISL_1223272, EPI_ISL_1223340	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_1223364, EPI_ISL_1223367	Jessa	Jessa	Cruys et al. on behalf of the Jessa_cmdLab

[illegible]

[illegible]

[illegible]

[illegible]

EPI_ISL_1224067, EPI_ISL_1224068, EPI_ISL_1224069, EPI_ISL_1224070, EPI_ISL_1224071, EPI_ISL_1224072, EPI_ISL_1224073, EPI_ISL_1224074, EPI_ISL_1224075, EPI_ISL_1224076, EPI_ISL_1224077, EPI_ISL_1224078, EPI_ISL_1224079, EPI_ISL_1224080, EPI_ISL_1224081, EPI_ISL_1224082, EPI_ISL_1224083, EPI_ISL_1224084, EPI_ISL_1224085, EPI_ISL_1224086, EPI_ISL_1224087, EPI_ISL_1224088, EPI_ISL_1224089, EPI_ISL_1224090, EPI_ISL_1224091, EPI_ISL_1224092, EPI_ISL_1224093, EPI_ISL_1224094, EPI_ISL_1224095, EPI_ISL_1224096, EPI_ISL_1224097, EPI_ISL_1224098, EPI_ISL_1224099, EPI_ISL_1224100, EPI_ISL_1224101, EPI_ISL_1224102, EPI_ISL_1224103, EPI_ISL_1224104, EPI_ISL_1224105, EPI_ISL_1224106, EPI_ISL_1224107, EPI_ISL_1224108, EPI_ISL_1224109, EPI_ISL_1224110, EPI_ISL_1224111, EPI_ISL_1224112, EPI_ISL_1224113, EPI_ISL_1224114, EPI_ISL_1224115, EPI_ISL_1224116, EPI_ISL_1224117, EPI_ISL_1224118, EPI_ISL_1224119, EPI_ISL_1224120, EPI_ISL_1224121, EPI_ISL_1224122, EPI_ISL_1224123, EPI_ISL_1224124, EPI_ISL_1224125, EPI_ISL_1224126, EPI_ISL_1224127, EPI_ISL_1224128, EPI_ISL_1224129, EPI_ISL_1224130, EPI_ISL_1224131, EPI_ISL_1224132, EPI_ISL_1224133, EPI_ISL_1224134, EPI_ISL_1224135, EPI_ISL_1224136, EPI_ISL_1224137, EPI_ISL_1224138, EPI_ISL_1224139, EPI_ISL_1224140, EPI_ISL_1224141, EPI_ISL_1224142, EPI_ISL_1224143, EPI_ISL_1224144, EPI_ISL_1224145, EPI_ISL_1224146, EPI_ISL_1224147, EPI_ISL_1224148, EPI_ISL_1224149, EPI_ISL_1224150, EPI_ISL_1224151, EPI_ISL_1224152, EPI_ISL_1224153, EPI_ISL_1224154, EPI_ISL_1224155, EPI_ISL_1224156, EPI_ISL_1224157, EPI_ISL_1224158, EPI_ISL_1224159, EPI_ISL_1224160, EPI_ISL_1224161, EPI_ISL_1224162	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_1224171, EPI_ISL_1224179, EPI_ISL_1224181, EPI_ISL_1224187, EPI_ISL_1224193, EPI_ISL_1224239, EPI_ISL_1224242, EPI_ISL_1224265, EPI_ISL_1224267, EPI_ISL_1224304, EPI_ISL_1224329, EPI_ISL_1224345, EPI_ISL_1224350, EPI_ISL_1224375, EPI_ISL_1224377, EPI_ISL_1224408, EPI_ISL_1224413, EPI_ISL_1224450, EPI_ISL_1224455, EPI_ISL_1224485	see above	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1224959, EPI_ISL_1224960, EPI_ISL_1224961, EPI_ISL_1224962, EPI_ISL_1224964, EPI_ISL_1224967, EPI_ISL_1224968, EPI_ISL_1224971		Klinisk mikrobiologi, Region Västerbotten	CBRN Defence and Security, Swedish Defence Research Agency	Andreas Sjödin, Linda Karlsson, Erelie Näslund Salomonsson, Jonas Näslund, Stina Bäckman, Malin Granberg, Ingrid Dacklin, Anna-Lena Johansson, Kerstin Myrtennäs, David Sundell, Caroline Öhrman, Mats Forsman, Annika Allard, Annika Osterman
EPI_ISL_1228676, EPI_ISL_1228677, EPI_ISL_1228680, EPI_ISL_1228681, EPI_ISL_1228682, EPI_ISL_1228683		MEPHI, Aix Marseille University	MEPHI, Aix Marseille University	Anthony LEVASSEUR
EPI_ISL_1228750, EPI_ISL_1228751, EPI_ISL_1228752, EPI_ISL_1228754, EPI_ISL_1228756, EPI_ISL_1228757, EPI_ISL_1228758, EPI_ISL_1228760, EPI_ISL_1228762, EPI_ISL_1228763, EPI_ISL_1228764, EPI_ISL_1228765, EPI_ISL_1228766, EPI_ISL_1228767, EPI_ISL_1228768, EPI_ISL_1228769, EPI_ISL_1228770, EPI_ISL_1228771, EPI_ISL_1228772, EPI_ISL_1228773, EPI_ISL_1228775, EPI_ISL_1228776, EPI_ISL_1228777, EPI_ISL_1228778, EPI_ISL_1228779, EPI_ISL_1228780, EPI_ISL_1228781, EPI_ISL_1228782, EPI_ISL_1228783, EPI_ISL_1228785, EPI_ISL_1228786, EPI_ISL_1228787, EPI_ISL_1228788, EPI_ISL_1228789, EPI_ISL_1228790, EPI_ISL_1228791, EPI_ISL_1228792, EPI_ISL_1228793, EPI_ISL_1228794, EPI_ISL_1228796, EPI_ISL_1228797, EPI_ISL_1228798, EPI_ISL_1228799, EPI_ISL_1228801, EPI_ISL_1228802, EPI_ISL_1228803, EPI_ISL_1228804, EPI_ISL_1228805, EPI_ISL_1228806, EPI_ISL_1228807, EPI_ISL_1228808, EPI_ISL_1228809, EPI_ISL_1228810, EPI_ISL_1228811, EPI_ISL_1228816, EPI_ISL_1228817, EPI_ISL_1228825, EPI_ISL_1228840, EPI_ISL_1228841, EPI_ISL_1228842, EPI_ISL_1228843, EPI_ISL_1228844, EPI_ISL_1228845, EPI_ISL_1228846, EPI_ISL_1228847, EPI_ISL_1228848, EPI_ISL_1228849, EPI_ISL_1228850, EPI_ISL_1228851, EPI_ISL_1228852, EPI_ISL_1228883	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_1228912, EPI_ISL_1228915, EPI_ISL_1228916, EPI_ISL_1228919, EPI_ISL_1228923		CHU SAINT-ETIENNE	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_1228926, EPI_ISL_1228927, EPI_ISL_1228928		GROUPE HOSPITALIER SAINT ANDRE	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_1228947		CHU GRENOBLE	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1228977, EPI_ISL_1228987		MIRIALIS	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1229010		CHU MONTAUBAN	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1229140		Presidio Ospedaliero G. B. Grassi ASL RM3	INMI Lazzaro Spallanzani IRCCS	E Giombini, F Messina, M Rueca, O Butera, CEM Gruber, B Bartolini, F Tabacco, E Ristori, A Di Caro, MR Capobianchi
EPI_ISL_1229142		IDI-IRCCS	INMI Lazzaro Spallanzani IRCCS	M Rueca, O Butera, CEM Gruber, B Bartolini, E Giombini, F Messina, G Russo, D Castiglia, S Madonna, A Di Caro, MR Capobianchi
EPI_ISL_1229143		IDI-IRCCS	INMI Lazzaro Spallanzani IRCCS	O Butera, CEM Gruber, B Bartolini, E Giombini, F Messina, M Rueca, G Russo, D Castiglia, S Madonna, MR Capobianchi, A Di Caro
EPI_ISL_1229179, EPI_ISL_1229180, EPI_ISL_1229181, EPI_ISL_1229182, EPI_ISL_1229183, EPI_ISL_1229184, EPI_ISL_1229185, EPI_ISL_1229186, EPI_ISL_1229187, EPI_ISL_1229188, EPI_ISL_1229189, EPI_ISL_1229190, EPI_ISL_1229191, EPI_ISL_1229192, EPI_ISL_1229193, EPI_ISL_1229194, EPI_ISL_1229195, EPI_ISL_1229196, EPI_ISL_1229197, EPI_ISL_1229198, EPI_ISL_1229199, EPI_ISL_1229200, EPI_ISL_1229201, EPI_ISL_1229202, EPI_ISL_1229203, EPI_ISL_1229204, EPI_ISL_1229205, EPI_ISL_1229206, EPI_ISL_1229207, EPI_ISL_1229208, EPI_ISL_1229210, EPI_ISL_1229212, EPI_ISL_1229213, EPI_ISL_1229214, EPI_ISL_1229215, EPI_ISL_1229216, EPI_ISL_1229217, EPI_ISL_1229218, EPI_ISL_1229219, EPI_ISL_1229221, EPI_ISL_1229222, EPI_ISL_1229223, EPI_ISL_1229224, EPI_ISL_1229225, EPI_ISL_1229226, EPI_ISL_1229227, EPI_ISL_1229228, EPI_ISL_1229229, EPI_ISL_1229230, EPI_ISL_1229231, EPI_ISL_1229232, EPI_ISL_1229234, EPI_ISL_1229235, EPI_ISL_1229236, EPI_ISL_1229237, EPI_ISL_1229238, EPI_ISL_1229239, EPI_ISL_1229240, EPI_ISL_1229241, EPI_ISL_1229243, EPI_ISL_1229245, EPI_ISL_1229246, EPI_ISL_1229247, EPI_ISL_1229249, EPI_ISL_1229251, EPI_ISL_1229252, EPI_ISL_1229254, EPI_ISL_1229255, EPI_ISL_1229256, EPI_ISL_1229257, EPI_ISL_1229258, EPI_ISL_1229259, EPI_ISL_1229260, EPI_ISL_1229261, EPI_ISL_1229262, EPI_ISL_1229263, EPI_ISL_1229264, EPI_ISL_1229265, EPI_ISL_1229266, EPI_ISL_1229267, EPI_ISL_1229269, EPI_ISL_1229270, EPI_ISL_1229271, EPI_ISL_1229273, EPI_ISL_1229274, EPI_ISL_1229275, EPI_ISL_1229277, EPI_ISL_1229282, EPI_ISL_1229284, EPI_ISL_1229287, EPI_ISL_1229288, EPI_ISL_1229289, EPI_ISL_1229290, EPI_ISL_1229292, EPI_ISL_1229294, EPI_ISL_1229295, EPI_ISL_1229298, EPI_ISL_1229299, EPI_ISL_1229301, EPI_ISL_1229303, EPI_ISL_1229307, EPI_ISL_1229308, EPI_ISL_1229311, EPI_ISL_1229312, EPI_ISL_1229317, EPI_ISL_1229320, EPI_ISL_1229322, EPI_ISL_1229324, EPI_ISL_1229327, EPI_ISL_1229328, EPI_ISL_1229333, EPI_ISL_1229334, EPI_ISL_1229338, EPI_ISL_1229342, EPI_ISL_1229345, EPI_ISL_1229349, EPI_ISL_1229352, EPI_ISL_1229353, EPI_ISL_1229357, EPI_ISL_1229360, EPI_ISL_1229361, EPI_ISL_1229365	see above	ASL Napoli 1 Centro	AMES Centro Poldiagnostico Strumentale S.r.l.	"Giovanni Savarese, Raffaella Ruggiero, Eloisa Evangelista, Antonella Di Carlo, Luisa Circelli, Luigi D'Amore, Roberto Sirica, Nadia Petrillo, Monica Ianniello, Maurizio D'Amora, Antonio Fico"
EPI_ISL_1229507, EPI_ISL_1229510, EPI_ISL_1229511, EPI_ISL_1229512, EPI_ISL_1229513, EPI_ISL_1229514, EPI_ISL_1229516, EPI_ISL_1229517, EPI_ISL_1229518, EPI_ISL_1229520, EPI_ISL_1229522, EPI_ISL_1229523, EPI_ISL_1229525, EPI_ISL_1229527	see above	Hematology Laboratory, Section of Molecular Diagnostics, University Clinical Centre, Medical University of Gdansk	Laboratory of Recombinant Vaccines	Lukasz Rabalski, Maciej Kosinski, Adam Sodol, Aneta Szulc, Krzysztof Lewandowski, Ewa Milosz, Marlena Robakowska, Boguslaw Szewczyk, Krystyna Blenkowska-Szewczyk
EPI_ISL_1231868, EPI_ISL_1231882, EPI_ISL_1231883		Fulgent Genetics	Fulgent Genetics	Harry Gao, Mickey Li, John Gao, Joseph Fierro, Benafsh Sapra, Becky Tsai, Yan Meng, Doreen Ng, James Xie
EPI_ISL_1231929, EPI_ISL_1231930		Mikrobiologen	The Public Health Agency of Sweden	Anna-Malin Linde, Maria Lind Karlberg, Carlo Berg, Oskar Karlsson Lindsjo, Sofia Stamouli, Reza Advani, Mattias Haukland, Petra Holmstrom, Noura Walai, Petra Edquist, Mia Brytting, Anna Risberg, Karin Tegmark-Wisell
EPI_ISL_1231938, EPI_ISL_1231953, EPI_ISL_1231955, EPI_ISL_1231956, EPI_ISL_1231960, EPI_ISL_1231961, EPI_ISL_1231962, EPI_ISL_1231968		Klinisk Mikrobiologi	The Public Health Agency of Sweden	Anna-Malin Linde, Maria Lind Karlberg, Carlo Berg, Oskar Karlsson Lindsjo, Sofia Stamouli, Reza Advani, Mattias Haukland, Petra Holmstrom, Noura Walai, Petra Edquist, Mia Brytting, Anna Risberg, Karin Tegmark-Wisell
EPI_ISL_1232704, EPI_ISL_1232723, EPI_ISL_1232733, EPI_ISL_1232809, EPI_ISL_1232993		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_1233382, EPI_ISL_1233388, EPI_ISL_1233396, EPI_ISL_1233403, EPI_ISL_1233423		Hospital General Universitario Gregorio Marañón	Hospital General Universitario Gregorio Marañón	Sergio Buenestado Serrano, Pedro Sola Campoy, Laura Pérez-Lago, Cristina Rodríguez-Grande, Pilar Catalán, Patricia Muñoz, Darío García de Viedma
EPI_ISL_1233820, EPI_ISL_1233822, EPI_ISL_1233823, EPI_ISL_1233824, EPI_ISL_1233825, EPI_ISL_1233826, EPI_ISL_1233827, EPI_ISL_1233828, EPI_ISL_1233829, EPI_ISL_1233830, EPI_ISL_1233831, EPI_ISL_1233832, EPI_ISL_1233833, EPI_ISL_1233834, EPI_ISL_1233835, EPI_ISL_1233837, EPI_ISL_1233838, EPI_ISL_1233839, EPI_ISL_1233840, EPI_ISL_1233841, EPI_ISL_1233842, EPI_ISL_1233843, EPI_ISL_1233844, EPI_ISL_1233845, EPI_ISL_1233846, EPI_ISL_1233847, EPI_ISL_1233849, EPI_ISL_1233850, EPI_ISL_1233852, EPI_ISL_1233853, EPI_ISL_1233854, EPI_ISL_1233855, EPI_ISL_1233856, EPI_ISL_1233857, EPI_ISL_1233858, EPI_ISL_1233859, EPI_ISL_1233860, EPI_ISL_1233861, EPI_ISL_1233862, EPI_ISL_1233863, EPI_ISL_1233864, EPI_ISL_1233865, EPI_ISL_1233866	see above	Institute of Molecular and Translational Medicine / Laboratory of Experimental Medicine, Faculty of Medicine and Dentistry, Palacky University	Institute of Molecular and Translational Medicine / Laboratory of Experimental Medicine	Rastislav Slavkovský, Hana Jaworek, Vladimíra Koudeláková, Marián Hajdúch
EPI_ISL_1234214, EPI_ISL_1234215, EPI_ISL_1234218, EPI_ISL_1234225, EPI_ISL_1234226, EPI_ISL_1234227, EPI_ISL_1234228, EPI_ISL_1234229, EPI_ISL_1234230, EPI_ISL_1234231, EPI_ISL_1234232, EPI_ISL_1234233, EPI_ISL_1234234, EPI_ISL_1234235, EPI_ISL_1234237, EPI_ISL_1234238, EPI_ISL_1234239, EPI_ISL_1234244, EPI_ISL_1234245, EPI_ISL_1234267, EPI_ISL_1234268, EPI_ISL_1234269, EPI_ISL_1234278, EPI_ISL_1234327				

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_1234391	Institute of Virology, Biomedical Research Center of the Slovak Academy of Sciences, Bratislava	Faculty of Natural Sciences, Comenius University, Bratislava	Viktória abanová, Kristína Boršová, Broa Brejová, Viktória Hodorová, Sabina Fumaová Havlíková, Juraj Kopáek, Martina Liková, ubomíra Lukáiková, Martina Neboháová, Monika Sláviková, Tomáš Vína, Jozef Nosek, Boris Klempa
EPI_ISL_1234401	Institute of Virology, Biomedical Research Center of the Slovak Academy of Sciences, Bratislava	Faculty of Natural Sciences, Comenius University, Bratislava	Broa Brejová, Viktória abanová, Kristína Boršová, Viktória Hodorová, Sabina Fumaová Havlíková, Juraj Kopáek, Martina Liková, ubomíra Lukáiková, Martina Neboháová, Monika Sláviková, Tomáš Vína, Jozef Nosek, Boris Klempa
EPI_ISL_1234421	Institute of Virology, Biomedical Research Center of the Slovak Academy of Sciences, Bratislava	Faculty of Natural Sciences, Comenius University, Bratislava	Viktória abanová, Kristína Boršová, Broa Brejová, Viktória Hodorová, Sabina Fumaová Havlíková, Juraj Kopáek, Martina Liková, ubomíra Lukáiková, Martina Neboháová, Monika Sláviková, Tomáš Vína, Jozef Nosek, Boris Klempa
EPI_ISL_1236252, EPI_ISL_1236264, EPI_ISL_1236288, EPI_ISL_1236292, EPI_ISL_1236315, EPI_ISL_1236328, EPI_ISL_1236354, EPI_ISL_1236356, EPI_ISL_1236383	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_1238795, EPI_ISL_1238796, EPI_ISL_1238801, EPI_ISL_1238837	MD PHL	MD PHL	Maryland Department of Health Laboratories Administration
EPI_ISL_1238864, EPI_ISL_1238866, EPI_ISL_1238867, EPI_ISL_1238869, EPI_ISL_1238870, EPI_ISL_1238873	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin L. Young, Kelly F. Oakeson, Tara Gallagher
EPI_ISL_1238932, EPI_ISL_1238939, EPI_ISL_1238968, EPI_ISL_1238986, EPI_ISL_1238988	Johns Hopkins Hospital Department of Pathology	Johns Hopkins Hospital Department of Pathology	C. Paul Morris, Chun Huai Luo, Adannaya Amadi, Matthew Schwartz, Nicholas Gallagher, Heba H. Mostafa
EPI_ISL_1239427	Institute of Virology, Biomedical Research Center of the Slovak Academy of Sciences, Bratislava	Faculty of Natural Sciences, Comenius University, Bratislava	Broa Brejová, Viktória abanová, Kristína Boršová, Viktória Hodorová, Sabina Fumaová Havlíková, Juraj Kopáek, Martina Liková, ubomíra Lukáiková, Martina Neboháová, Monika Sláviková, Tomáš Vína, Jozef Nosek, Boris Klempa
EPI_ISL_1239453	Gundersen Molecular Diagnostics Laboratory	Kabara Cancer Research Institute	Craig S. Richmond, Paraic A. Kenny
EPI_ISL_1239938, EPI_ISL_1239939	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton
EPI_ISL_1240246	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, Katarína Kozmos, Ana Grom, Maruša Debeljak, Marko Pokorn, Tadej Battelino
EPI_ISL_1240326	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, Katarína Kozmos, Ana Grom, Maruša Debeljak, Marko Pokorn, Tadej Battelino
EPI_ISL_1240327	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, Katarína Kozmos, Ana Grom, Maruša Debeljak, Marko Pokorn, Tadej Battelino
EPI_ISL_1240762, EPI_ISL_1240766, EPI_ISL_1240767	University Hospitals Translational Laboratory (UHTL), University Hospitals	University Hospitals Translational Laboratory (UHTL), University Hospitals	Sadri,N., Alouani,D., Song,X.
EPI_ISL_1240927, EPI_ISL_1240929, EPI_ISL_1240935	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_1241694, EPI_ISL_1241700	Department of Clinical Microbiology	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Nathalie Renotte, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_1241727, EPI_ISL_1241729, EPI_ISL_1241730, EPI_ISL_1241732, EPI_ISL_1241733, EPI_ISL_1241734, EPI_ISL_1241735, EPI_ISL_1241736, EPI_ISL_1241737, EPI_ISL_1241738, EPI_ISL_1241739	SYNLAB	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Nathalie Renotte, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_1241956, EPI_ISL_1241957, EPI_ISL_1241959, EPI_ISL_1241961, EPI_ISL_1241999, EPI_ISL_1242000, EPI_ISL_1242001, EPI_ISL_1242002	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_1242067, EPI_ISL_1242113, EPI_ISL_1242129, EPI_ISL_1242154, EPI_ISL_1242155, EPI_ISL_1242185, EPI_ISL_1242189, EPI_ISL_1242190, EPI_ISL_1242215, EPI_ISL_1242216, EPI_ISL_1242231, EPI_ISL_1242272, EPI_ISL_1242276	see above	Lighthouse Lab in Cambridge	Rob Howes, The Lighthouse Lab in Cambridge and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1242833	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_1242840	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_1242842	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_1242854	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_1242856	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_1242875, EPI_ISL_1242903	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_1242907	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_1242911, EPI_ISL_1242921	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_1242938, EPI_ISL_1242945, EPI_ISL_1242946, EPI_ISL_1242969, EPI_ISL_1242971	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

		(COG-UK) Consortium	Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1245994	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_1246026, EPI_ISL_1246070, EPI_ISL_1246103, EPI_ISL_1246163	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_1246289, EPI_ISL_1246290, EPI_ISL_1246292, EPI_ISL_1246293, EPI_ISL_1246294, EPI_ISL_1246295, EPI_ISL_1246296, EPI_ISL_1246297, EPI_ISL_1246298, EPI_ISL_1246299, EPI_ISL_1246300, EPI_ISL_1246301, EPI_ISL_1246302, EPI_ISL_1246303, EPI_ISL_1246304, EPI_ISL_1246305, EPI_ISL_1246306, EPI_ISL_1246307, EPI_ISL_1246308, EPI_ISL_1246309, EPI_ISL_1246310, EPI_ISL_1246311, EPI_ISL_1246312, EPI_ISL_1246313, EPI_ISL_1246314, EPI_ISL_1246315, EPI_ISL_1246316, EPI_ISL_1246317, EPI_ISL_1246318, EPI_ISL_1246319, EPI_ISL_1246320, EPI_ISL_1246321, EPI_ISL_1246322, EPI_ISL_1246323, EPI_ISL_1246324, EPI_ISL_1246325, EPI_ISL_1246326, EPI_ISL_1246327, EPI_ISL_1246328, EPI_ISL_1246330, EPI_ISL_1246331, EPI_ISL_1246332, EPI_ISL_1246333, EPI_ISL_1246334, EPI_ISL_1246335, EPI_ISL_1246336, EPI_ISL_1246337, EPI_ISL_1246338, EPI_ISL_1246339, EPI_ISL_1246340, EPI_ISL_1246341, EPI_ISL_1246342, EPI_ISL_1246343, EPI_ISL_1246344, EPI_ISL_1246345, EPI_ISL_1246346, EPI_ISL_1246347, EPI_ISL_1246348, EPI_ISL_1246349, EPI_ISL_1246350, EPI_ISL_1246351, EPI_ISL_1246352, EPI_ISL_1246353, EPI_ISL_1246354, EPI_ISL_1246355, EPI_ISL_1246356, EPI_ISL_1246357, EPI_ISL_1246358, EPI_ISL_1246359, EPI_ISL_1246360, EPI_ISL_1246361, EPI_ISL_1246362, EPI_ISL_1246363, EPI_ISL_1246364, EPI_ISL_1246365, EPI_ISL_1246366, EPI_ISL_1246367, EPI_ISL_1246368, EPI_ISL_1246369, EPI_ISL_1246370, EPI_ISL_1246371, EPI_ISL_1246372, EPI_ISL_1246373, EPI_ISL_1246374, EPI_ISL_1246375, EPI_ISL_1246376, EPI_ISL_1246377, EPI_ISL_1246378, EPI_ISL_1246379, EPI_ISL_1246380, EPI_ISL_1246381, EPI_ISL_1246382, EPI_ISL_1246383, EPI_ISL_1246384, EPI_ISL_1246385, EPI_ISL_1246386, EPI_ISL_1246387, EPI_ISL_1246388, EPI_ISL_1246389, EPI_ISL_1246390, EPI_ISL_1246391, EPI_ISL_1246392, EPI_ISL_1246393, EPI_ISL_1246394, EPI_ISL_1246395, EPI_ISL_1246396, EPI_ISL_1246397, EPI_ISL_1246399, EPI_ISL_1246400, EPI_ISL_1246401, EPI_ISL_1246402, EPI_ISL_1246403, EPI_ISL_1246404, EPI_ISL_1246405, EPI_ISL_1246406, EPI_ISL_1246407, EPI_ISL_1246408, EPI_ISL_1246409, EPI_ISL_1246410, EPI_ISL_1246411, EPI_ISL_1246412, EPI_ISL_1246413, EPI_ISL_1246414, EPI_ISL_1246415, EPI_ISL_1246416, EPI_ISL_1246419, EPI_ISL_1246421, EPI_ISL_1246423, EPI_ISL_1246424, EPI_ISL_1246425, EPI_ISL_1246426, EPI_ISL_1246427, EPI_ISL_1246428, EPI_ISL_1246429, EPI_ISL_1246430, EPI_ISL_1246431, EPI_ISL_1246432, EPI_ISL_1246433, EPI_ISL_1246434, EPI_ISL_1246435, EPI_ISL_1246436, EPI_ISL_1246437, EPI_ISL_1246438, EPI_ISL_1246439, EPI_ISL_1246440, EPI_ISL_1246441, EPI_ISL_1246442, EPI_ISL_1246443, EPI_ISL_1246444, EPI_ISL_1246445, EPI_ISL_1246446, EPI_ISL_1246447, EPI_ISL_1246448, EPI_ISL_1246449, EPI_ISL_1246450, EPI_ISL_1246451, EPI_ISL_1246452, EPI_ISL_1246453, EPI_ISL_1246454, EPI_ISL_1246455, EPI_ISL_1246456, EPI_ISL_1246457, EPI_ISL_1246458, EPI_ISL_1246459, EPI_ISL_1246460, EPI_ISL_1246461, EPI_ISL_1246462, EPI_ISL_1246463, EPI_ISL_1246464, EPI_ISL_1246465, EPI_ISL_1246466, EPI_ISL_1246467, EPI_ISL_1246468, EPI_ISL_1246469, EPI_ISL_1246470, EPI_ISL_1246471, EPI_ISL_1246472, EPI_ISL_1246473, EPI_ISL_1246474, EPI_ISL_1246475, EPI_ISL_1246476, EPI_ISL_1246477, EPI_ISL_1246478, EPI_ISL_1246479, EPI_ISL_1246480, EPI_ISL_1246481, EPI_ISL_1246482, EPI_ISL_1246483, EPI_ISL_1246484, EPI_ISL_1246485, EPI_ISL_1246486, EPI_ISL_1246487, EPI_ISL_1246488, EPI_ISL_1246489, EPI_ISL_1246490, EPI_ISL_1246491, EPI_ISL_1246492, EPI_ISL_1246493, EPI_ISL_1246494, EPI_ISL_1246495, EPI_ISL_1246496, EPI_ISL_1246497, EPI_ISL_1246498, EPI_ISL_1246499, EPI_ISL_1246500, EPI_ISL_1246501, EPI_ISL_1246502, EPI_ISL_1246503, EPI_ISL_1246504, EPI_ISL_1246505, EPI_ISL_1246506, EPI_ISL_1246507, EPI_ISL_1246508, EPI_ISL_1246509, EPI_ISL_1246510, EPI_ISL_1246511, EPI_ISL_1246512, EPI_ISL_1246513, EPI_ISL_1246514, EPI_ISL_1246515, EPI_ISL_1246516, EPI_ISL_1246517, EPI_ISL_1246518, EPI_ISL_1246519, EPI_ISL_1246520, EPI_ISL_1246521, EPI_ISL_1246522, EPI_ISL_1246523, EPI_ISL_1246524, EPI_ISL_1246525, EPI_ISL_1246526, EPI_ISL_1246527, EPI_ISL_1246528, EPI_ISL_1246529, EPI_ISL_1246530, EPI_ISL_1246531, EPI_ISL_1246532, EPI_ISL_1246533, EPI_ISL_1246534, EPI_ISL_1246535, EPI_ISL_1246536, EPI_ISL_1246537, EPI_ISL_1246538, EPI_ISL_1246539, EPI_ISL_1246540, EPI_ISL_1246541, EPI_ISL_1246542, EPI_ISL_1246543, EPI_ISL_1246544, EPI_ISL_1246545, EPI_ISL_1246546, EPI_ISL_1246547, EPI_ISL_1246548, EPI_ISL_1246549, EPI_ISL_1246550, EPI_ISL_1246551, EPI_ISL_1246552, EPI_ISL_1246553, EPI_ISL_1246554, EPI_ISL_1246555, EPI_ISL_1246556, EPI_ISL_1246557, EPI_ISL_1246558, EPI_ISL_1246559, EPI_ISL_1246560, EPI_ISL_1246561, EPI_ISL_1246562, EPI_ISL_1246563, EPI_ISL_1246564, EPI_ISL_1246565, EPI_ISL_1246566, EPI_ISL_1246567, EPI_ISL_1246568, EPI_ISL_1246569, EPI_ISL_1246570, EPI_ISL_1246571, EPI_ISL_1246572, EPI_ISL_1246573, EPI_ISL_1246574, EPI_ISL_1246575, EPI_ISL_1246576, EPI_ISL_1246577, EPI_ISL_1246578, EPI_ISL_1246579, EPI_ISL_1246580, EPI_ISL_1246581, EPI_ISL_1246582, EPI_ISL_1246583, EPI_ISL_1246584, EPI_ISL_1246585, EPI_ISL_1246586, EPI_ISL_1246587, EPI_ISL_1246588, EPI_ISL_1246589, EPI_ISL_1246590, EPI_ISL_1246591, EPI_ISL_1246592, EPI_ISL_1246593, EPI_ISL_1246594, EPI_ISL_1246595, EPI_ISL_1246596, EPI_ISL_1246597, EPI_ISL_1246598, EPI_ISL_1246599, EPI_ISL_1246600, EPI_ISL_1246601, EPI_ISL_1246602, EPI_ISL_1246603, EPI_ISL_1246604, EPI_ISL_1246605, EPI_ISL_1246606, EPI_ISL_1246607, EPI_ISL_1246608, EPI_ISL_1246609, EPI_ISL_1246610, EPI_ISL_1246611, EPI_ISL_1246612, EPI_ISL_1246613, EPI_ISL_1246614, EPI_ISL_1246615, EPI_ISL_1246616, EPI_ISL_1246617, EPI_ISL_1246618, EPI_ISL_1246619, EPI_ISL_1246620, EPI_ISL_1246621, EPI_ISL_1246622, EPI_ISL_1246623, EPI_ISL_1246624, EPI_ISL_1246625, EPI_ISL_1246626, EPI_ISL_1246627, EPI_ISL_1246628, EPI_ISL_1246629, EPI_ISL_1246630, EPI_ISL_1246631, EPI_ISL_1246632, EPI_ISL_1246633, EPI_ISL_1246634, EPI_ISL_1246635, EPI_ISL_1246636, EPI_ISL_1246637, EPI_ISL_1246638, EPI_ISL_1246639, EPI_ISL_1246640, EPI_ISL_1246641, EPI_ISL_1246642, EPI_ISL_1246643, EPI_ISL_1246644, EPI_ISL_1246645, EPI_ISL_1246646, EPI_ISL_1246647, EPI_ISL_1246648, EPI_ISL_1246649, EPI_ISL_1246650, EPI_ISL_1246651, EPI_ISL_1246652, EPI_ISL_1246653, EPI_ISL_1246654, EPI_ISL_1246655, EPI_ISL_1246656, EPI_ISL_1246657, EPI_ISL_1246658, EPI_ISL_1246659, EPI_ISL_1246660, EPI_ISL_1246661, EPI_ISL_1246662, EPI_ISL_1246663, EPI_ISL_1246664, EPI_ISL_1246665, EPI_ISL_1246666, EPI_ISL_1246667, EPI_ISL_1246668, EPI_ISL_1246669, EPI_ISL_1246670, EPI_ISL_1246671, EPI_ISL_1246672, EPI_ISL_1246673, EPI_ISL_1246674, EPI_ISL_1246675, EPI_ISL_1246676, EPI_ISL_1246677, EPI_ISL_1246678, EPI_ISL_1246679, EPI_ISL_1246680, EPI_ISL_1246681, EPI_ISL_1246682, EPI_ISL_1246683, EPI_ISL_1246684, EPI_ISL_1246685, EPI_ISL_1246686, EPI_ISL_1246687, EPI_ISL_1246688, EPI_ISL_1246689, EPI_ISL_1246690, EPI_ISL_1246691, EPI_ISL_1246692, EPI_ISL_1246693, EPI_ISL_1246694, EPI_ISL_1246695, EPI_ISL_1246696, EPI_ISL_1246697, EPI_ISL_1246698, EPI_ISL_1246699, EPI_ISL_1246700, EPI_ISL_1246701, EPI_ISL_1246702, EPI_ISL_1246703, EPI_ISL_1246704, EPI_ISL_1246705, EPI_ISL_1246706, EPI_ISL_1246707, EPI_ISL_1246708, EPI_ISL_1246709, EPI_ISL_1246710, EPI_ISL_1246711, EPI_ISL_1246712, EPI_ISL_1246713, EPI_ISL_1246714, EPI_ISL_1246715, EPI_ISL_1246716, EPI_ISL_1246717, EPI_ISL_1246718, EPI_ISL_1246719, EPI_ISL_1246720, EPI_ISL_1246721, EPI_ISL_1246722, EPI_ISL_1246723, EPI_ISL_1246724, EPI_ISL_1246725, EPI_ISL_1246726, EPI_ISL_1246727, EPI_ISL_1246728, EPI_ISL_1246729, EPI_ISL_1246730, EPI_ISL_1246731, EPI_ISL_1246732, EPI_ISL_1246733, EPI_ISL_1246734, EPI_ISL_1246735, EPI_ISL_1246736, EPI_ISL_1246737, EPI_ISL_1246738, EPI_ISL_1246739, EPI_ISL_1246740, EPI_ISL_1246741, EPI_ISL_1246742, EPI_ISL_1246743, EPI_ISL_1246744, EPI_ISL_1246745, EPI_ISL_1246746, EPI_ISL_1246747, EPI_ISL_1246748, EPI_ISL_1246749, EPI_ISL_1246750, EPI_ISL_1246751, EPI_ISL_1246752, EPI_ISL_1246753, EPI_ISL_1246754, EPI_ISL_1246755, EPI_ISL_1246756, EPI_ISL_1246757, EPI_ISL_1246758, EPI_ISL_1246759, EPI_ISL_1246760, EPI_ISL_1246761, EPI_ISL_1246762, EPI_ISL_1246763, EPI_ISL_1246764, EPI_ISL_1246765, EPI_ISL_1246766, EPI_ISL_1246767, EPI_ISL_1246768, EPI_ISL_1246769, EPI_ISL_1246770, EPI_ISL_1246771, EPI_ISL_1246772, EPI_ISL_1246773, EPI_ISL_1246774, EPI_ISL_1246775, EPI_ISL_1246776, EPI_ISL_1246777, EPI_ISL_1246778, EPI_ISL_1246779, EPI_ISL_1246780, EPI_ISL_1246781, EPI_ISL_1246782, EPI_ISL_1246783, EPI_ISL_1246784, EPI_ISL_1246785, EPI_ISL_1246786, EPI_ISL_1246787, EPI_ISL_1246788, EPI_ISL_1246789, EPI_ISL_1246790, EPI_ISL_1246791, EPI_ISL_1246792, EPI_ISL_1246793, EPI_ISL_1246794, EPI_ISL_1246795, EPI_ISL_1246796, EPI_ISL_1246797, EPI_ISL_1246798, EPI_ISL_1246799, EPI_ISL_1246800, EPI_ISL_1246801, EPI_ISL_1246802, EPI_ISL_1246803, EPI_ISL_1246804, EPI_ISL_1246805, EPI_ISL_1246806, EPI_ISL_1246807, EPI_ISL_1246808, EPI_ISL_1246809, EPI_ISL_1246810, EPI_ISL_1246811, EPI_ISL_1246812, EPI_ISL_1246813, EPI_ISL_1246814, EPI_ISL_1246815, EPI_ISL_1246816, EPI_ISL_1246817, EPI_ISL_1246818, EPI_ISL_1246819, EPI_ISL_1246820, EPI_ISL_1246821, EPI_ISL_1246822, EPI_ISL_1246823, EPI_ISL_1246824, EPI_ISL_1246825, EPI_ISL_1246826, EPI_ISL_1246827, EPI_ISL_1246828, EPI_ISL_1246829, EPI_ISL_1246830, EPI_ISL_1246831, EPI_ISL_1246832, EPI_ISL_1246833, EPI_ISL_1246834, EPI_ISL_1246835, EPI_ISL_1246836, EPI_ISL_1246837, EPI_ISL_1246838, EPI_ISL_1246839, EPI_ISL_1246840, EPI_ISL_1246841, EPI_ISL_1246842, EPI_ISL_1246843, EPI_ISL_1246844, EPI_ISL_1246845, EPI_ISL_1246846, EPI_ISL_1246847, EPI_ISL_1246848, EPI_ISL_1246849, EPI_ISL_1246850, EPI_ISL_1246851, EPI_ISL_1246852, EPI_ISL_1246853, EPI_ISL_1246854, EPI_ISL_1246855			
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_1246857, EPI_ISL_1246858, EPI_ISL_1246863, EPI_ISL_1246864, EPI_ISL_1246868, EPI_ISL_1246869, EPI_ISL_1246872, EPI_ISL_1246873, EPI_ISL_1246874	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_1247615, EPI_ISL_1247631	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_1247756, EPI_ISL_1247762, EPI_ISL_1247764	University Hospitals Of Leicester NHS Trust and DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Christopher Holmes, Paul Bird, Thomas Helmer, Karlie Fallon, Julian Tang, Jonathan Ball, Patrick McClure, Joseph Chappell, Nadine Holmes, Matthew Carlisle, Christopher Moore, Fei Sang, Johnny Debebe, Victoria Wright, Matthew Loose
EPI_ISL_1247829, EPI_ISL_1247830, EPI_ISL_1247838, EPI_ISL_1247839, EPI_ISL_1247840, EPI_ISL_1247841, EPI_ISL_1247842, EPI_ISL_1247925, EPI_ISL_1247926, EPI_ISL_1247927, EPI_ISL_1247928, EPI_ISL_1247943			
see above	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 Varnos, Joanne Watts, Mark Whitehead, Hermione Webster
EPI_ISL_1248238, EPI_ISL_1248241, EPI_ISL_1248259, EPI_ISL_1248261, EPI_ISL_1248263, EPI_ISL_1248279	Wojewodzka Stacja Sanitarno-Epidemiologiczna w Olsztynie, Laboratorium Badan Epidemiologiczno-Klinicznych	Wojewodzka Stacja Sanitarno-Epidemiologiczna w Olsztynie, Laboratorium Badan Epidemiologiczno-Klinicznych	Sylvia Krzetowska, Monika Czerminska, Ewa Liszewska, Tomasz Jakubczak, Marta Lukian, Patryk Bielecki, Aleksandra Kobiato, Emilia Tarabasz, Paulina Rozycka, Barbara Dolinska
EPI_ISL_1248285, EPI_ISL_1248335, EPI_ISL_1248337, EPI_ISL_1248339, EPI_ISL_1248341, EPI_ISL_1248342, EPI_ISL_1248343, EPI_ISL_1248354, EPI_ISL_1248355, EPI_ISL_1248517, EPI_ISL_1248518, EPI_ISL_1248519, EPI_ISL_1248540			
see above	University College London, Great Ormond Street Hospital for Children NHS Foundation Trust, Imperial College Healthcare NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Sergi Castellano, Rachel Williams, Mark Kristiansen, Paola Resende Silva, Sunando Roy, Tony Brooks, Helena Tutill, Paola Niola, Patricia Dyal, Charlotte Williams, Leysa Forrest, Yasmin Panchbhaya, Jacqueline Findlay, Samuel Weeks, Julianne Brown, Kathryn Harris, Paul Randell, James Price, Alison Holmes, Judith Breuer
EPI_ISL_1248818, EPI_ISL_1248894, EPI_ISL_1248895, EPI_ISL_1248896, EPI_ISL_1248915, EPI_ISL_1248919, EPI_ISL_1248920, EPI_ISL_1248929	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, Jayne Greenaway, Debra Padgett, Clive Graham, Garren Scott, Edward Barton, Emma Swindells, Brendan Payne, Jennifer Collins, Yusri Taha, Gary Eltringham
EPI_ISL_1249071	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_1249301, EPI_ISL_1249302, EPI_ISL_1249306, EPI_ISL_1249311, EPI_ISL_1249312, EPI_ISL_1249391, EPI_ISL_1249397, EPI_ISL_1249398, EPI_ISL_1249399, EPI_ISL_1249407, EPI_ISL_1249408, EPI_ISL_1249411, EPI_ISL_1249413, EPI_ISL_1249414, EPI_ISL_1249415, EPI_ISL_1249419, EPI_ISL_1249421, EPI_ISL_1249422, EPI_ISL_1249424, EPI_ISL_1249425, EPI_ISL_1249426, EPI_ISL_1249427, EPI_ISL_1249431, EPI_ISL_1249433, EPI_ISL_1249434, EPI_ISL_1249435, EPI_ISL_1249437, EPI_ISL_1249438, EPI_ISL_1249442, EPI_ISL_1249444, EPI_ISL_1249446, EPI_ISL_1249450, EPI_ISL_1249451, EPI_ISL_1249452, EPI_ISL_1249453, EPI_ISL_1249454, EPI_ISL_1249455, EPI_ISL_1249456, EPI_ISL_1249457, EPI_ISL_1249458, EPI_ISL_1249459, EPI_ISL_1249460, EPI_ISL_1249461, EPI_ISL_1249462, EPI_ISL_1249463, EPI_ISL_1249464, EPI_ISL_1249465, EPI_ISL_1249466, EPI_ISL_1249467, EPI_ISL_1249468, EPI_ISL_1249469, EPI_ISL_1249470, EPI_ISL_1249471, EPI_ISL_1249472, EPI_ISL_1249473, EPI_ISL_1249474, EPI_ISL_1249475, EPI_ISL_1249476, EPI_ISL_1249477, EPI_ISL_1249478, EPI_ISL_1249479, EPI_ISL_1249480, EPI_ISL_1249481, EPI_ISL_1249482, EPI_ISL_1249483, EPI_ISL_1249484, EPI_ISL_1249485, EPI_ISL_1249486, EPI_ISL_1249487, EPI_ISL_1249488, EPI_ISL_1249489, EPI_ISL_1249490, EPI_ISL_1249491, EPI_ISL_1249492, EPI_ISL_1249493, EPI_ISL_1249494, EPI_ISL_1249495, EPI_ISL_1249496, EPI_ISL_1249497, EPI_ISL_1249498, EPI_ISL_1249499, EPI_ISL_1249500, EPI_ISL_1249501, EPI_ISL_1249502, EPI_ISL_1249503, EPI_ISL_1249504, EPI_ISL_1249505, EPI_ISL_1249506, EPI_ISL_1249507, EPI_ISL_1249508, EPI_ISL_1249509, EPI_ISL_1249510, EPI_ISL_1249511, EPI_ISL_1249512, EPI_ISL_1249513, EPI_ISL_1249514, EPI_ISL_1249515, EPI_ISL_1249516, EPI_ISL_1249517, EPI_ISL_1249518, EPI_ISL_1249519, EPI_ISL_1249520, EPI_ISL_1249521, EPI_ISL_1249522, EPI_ISL_1249523, EPI_ISL_1249524, EPI_ISL_1249525, EPI_ISL_1249526, EPI_ISL_1249527, EPI_ISL_1249528, EPI_ISL_1249529, EPI_ISL_1249530, EPI_ISL_1249531, EPI_ISL_1249532, EPI_ISL_1249533, EPI_ISL_1249534, EPI_ISL_1249535, EPI_ISL_1249536, EPI_ISL_1249537, EPI_ISL_1249538, EPI_ISL_1249539, EPI_ISL_1249540, EPI_ISL_1249541, EPI_ISL_1249542, EPI_ISL_1249543, EPI_ISL_1249544, EPI_ISL_1249545, EPI_ISL_1249546, EPI_ISL_1249547, EPI_ISL_1249548, EPI_ISL_1249549, EPI_ISL_1249550, EPI_ISL_1249551, EPI_ISL_1249552, EPI_ISL_1249553, EPI_ISL_1249554, EPI_ISL_1249555, EPI_ISL_1249556, EPI_ISL_1249557, EPI_ISL_1249558, EPI_ISL_1249559, EPI_ISL_1249560, EPI_ISL_1249561, EPI_ISL_1249562, EPI_ISL_1249563, EPI_ISL_1249564, EPI_ISL_1249565, EPI_ISL_1249566, EPI_ISL_1249567, EPI_ISL_1249568, EPI_ISL_1249569, EPI_ISL_1249570, EPI_ISL_1249571, EPI_ISL_1249572, EPI_ISL_1249573, EPI_ISL_1249574, EPI_ISL_1249575, EPI_ISL_1249576, EPI_ISL_1249577, EPI_ISL_1249578, EPI_ISL_1249579, EPI_ISL_1249580, EPI_ISL_1249581, EPI_ISL_1249582, EPI_ISL_1249583, EPI_ISL_1249584, EPI_ISL_1249585, EPI_ISL_1249586, EPI_ISL_1249587, EPI_ISL_1249588, EPI_ISL_1249589, EPI_ISL_1249590, EPI_ISL_1249591, EPI_ISL_1249592, EPI_ISL_1249593, EPI_ISL_1249594, EPI_ISL_1249595, EPI_ISL_1249596, EPI_ISL_1249597, EPI_ISL_1249598, EPI_ISL_1249599, EPI_ISL_1249600, EPI_ISL_1249601, EPI_ISL_1249602, EPI_ISL_1249603, EPI_ISL_1249604, EPI_ISL_1249605, EPI_ISL_1249606, EPI_ISL_1249607, EPI_ISL_1249608, EPI_ISL_1249609, EPI_ISL_1249610, EPI_ISL_1249611, EPI_ISL_1249612, EPI_ISL_1249613, EPI_ISL_1249614, EPI_ISL_1249615, EPI_ISL_1249616, EPI_ISL_1249617, EPI_ISL_1249618, EPI_ISL_1249619, EPI_ISL_1249620, EPI_ISL_12496			

EPI_ISL_1250307	Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield	COVID-19 Genomics UK (COG-UK) Consortium	Thushan de Silva, Matthew Parker, Nikki Smith, Adri Anygal, Rebecca Brown, Luke Green, Rachel Tucker, Paul Parsons, Danielle Groves, Katie Johnson, Laura Carrilero, Alex Keeley, Dave Partridge, Matthew Wyles, Benjamin Lindsey, Mehmet Yavuz, Mohammad Raza, Cariad Evans
EPI_ISL_1250704, EPI_ISL_1250708	LabPLUS	Institute of Environmental Science and Research (ESR)	Rachel Boyle, SallyAnn Harbison, Olivia Stroeven, Xiaoyun Ren, Matt Storey, Nikki Freed, Muhammad Faisal, Jing Wang, Hermes Perez, Anja Werno, Antje van der Linden, Arlo Upton, Chris Mansell, David Hammer, Dragana Drinkovic, Gary McAuliffe, Hana Sofia Andersson, James Ussher, Jill Sherwood, Josh Freeman, Julia Howard, Juliet Elvy, Mary DeAlmeida, Matt Blakiston, Matthew Rogers, Max Bloomfield, Michael Addidle, Michelle Balm, Sally Roberts, Sarah Jefferies, Sharmini Muttaiyah, Susan Morpeth, Susan Taylor, Timothy Blackmore, Vani Sathyendran, Veronica Playle, Virginia Hope, Erasmus Smit, Lauren Jelly, Olin Silander, Joep de Lig
EPI_ISL_1250738, EPI_ISL_1250739, EPI_ISL_1250740, EPI_ISL_1250742, EPI_ISL_1250756, EPI_ISL_1250771, EPI_ISL_1250772, EPI_ISL_1250778, EPI_ISL_1250800	Hospital Universitari Vall d'Hebron - Vall d'Hebron Institut de Rererca	Hospital Universitari Vall d'Hebron	Cristina Andrés, Maria Piñana, Josep F Abril, Damir Garcia-Cehic, Ariadna Rando, Juliana Esperalba, Maria Gema Codina, Carla Castillo, Maria Carmen Martin, Tomàs Pumarola, Josep Quer, Andrés Antón
EPI_ISL_1250882, EPI_ISL_1250887, EPI_ISL_1250888, EPI_ISL_1250889, EPI_ISL_1250890, EPI_ISL_1250892, EPI_ISL_1250893, EPI_ISL_1250894, EPI_ISL_1250895, EPI_ISL_1250896, EPI_ISL_1250897, EPI_ISL_1250898, EPI_ISL_1250899, EPI_ISL_1250900, EPI_ISL_1250901, EPI_ISL_1250902, EPI_ISL_1250903	see above	see above	see above
EPI_ISL_1251073, EPI_ISL_1251074, EPI_ISL_1251075	SIESP L'AQUILA	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1251076	SIESP SULMONA	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1251078	"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, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1251081	SIESP CHIETI - DRIVE IN CHIETI	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1251082	Siesp dipartimento di prevenzione	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1251093, EPI_ISL_1251103, EPI_ISL_1251117	SIESP L'AQUILA	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1252052, EPI_ISL_1252088, EPI_ISL_1252089, EPI_ISL_1252092, EPI_ISL_1252095, EPI_ISL_1252099, EPI_ISL_1252101, EPI_ISL_1252103, EPI_ISL_1252111, EPI_ISL_1252114, EPI_ISL_1252117, EPI_ISL_1252120, EPI_ISL_1252127, EPI_ISL_1252128, EPI_ISL_1252130, EPI_ISL_1252150, EPI_ISL_1252152, EPI_ISL_1252153, EPI_ISL_1252154, EPI_ISL_1252155, EPI_ISL_1252156, EPI_ISL_1252157, EPI_ISL_1252158, EPI_ISL_1252159, EPI_ISL_1252160, EPI_ISL_1252161, EPI_ISL_1252162, EPI_ISL_1252163, EPI_ISL_1252164, EPI_ISL_1252165, EPI_ISL_1252166, EPI_ISL_1252167, EPI_ISL_1252168, EPI_ISL_1252169, EPI_ISL_1252170, EPI_ISL_1252171, EPI_ISL_1252172, EPI_ISL_1252173, EPI_ISL_1252174, EPI_ISL_1252175, EPI_ISL_1252176, EPI_ISL_1252177, EPI_ISL_1252178, EPI_ISL_1252179, EPI_ISL_1252180, EPI_ISL_1252181, EPI_ISL_1252182, EPI_ISL_1252183, EPI_ISL_1252184, EPI_ISL_1252185, EPI_ISL_1252186, EPI_ISL_1252187, EPI_ISL_1252188, EPI_ISL_1252199, EPI_ISL_1252209, EPI_ISL_1252210, EPI_ISL_1252211, EPI_ISL_1252212, EPI_ISL_1252213, EPI_ISL_1252214, EPI_ISL_1252215, EPI_ISL_1252216, EPI_ISL_1252217, EPI_ISL_1252218, EPI_ISL_1252219, EPI_ISL_1252220, EPI_ISL_1252221, EPI_ISL_1252222, EPI_ISL_1252223, EPI_ISL_1252224, EPI_ISL_1252225, EPI_ISL_1252226, EPI_ISL_1252227, EPI_ISL_1252228, EPI_ISL_1252229, EPI_ISL_1252230, EPI_ISL_1252231, EPI_ISL_1252232, EPI_ISL_1252233, EPI_ISL_1252234, EPI_ISL_1252235, EPI_ISL_1252236, EPI_ISL_1252305, EPI_ISL_1252308, EPI_ISL_1252309	see above	see above	see above
EPI_ISL_1252465	University of Wisconsin-Madison AIDS Vaccine Research Laboratories	University of Wisconsin-Madison AIDS Vaccine Research Laboratories	Zoe Yandle, Charlene Bennett, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun Gage Moreno, Katarina Braun, et al. AIDS Vaccine Research Laboratories
EPI_ISL_1252519	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_1252525, EPI_ISL_1252526	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 Vollen, Karoline Bragstad, Olav Hungnes
EPI_ISL_1252561	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_1252726, EPI_ISL_1252733	Klaipeda University Hospital	Vilnius University Hospital Santaros Klinikos, Center of Laboratory Medicine	Gytis Dudas, Rimvydas Norvilas, Dovile Ezerskyte, Daniel Naumovas, Ingrida Olendraite, Ligita Raugaite, Monika Katenaite, Mindaugas Stoksus, Laimonas Griskevicius
EPI_ISL_1252894, EPI_ISL_1252899	National Virus Reference Laboratory	National Virus Reference Laboratory	Zoe Yandle, Charlene Bennett, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun
EPI_ISL_1253579	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_1254230	NJDOH, Public Health and Environmental Laboratories	NJ_PHEL	Lindsey Bodnar, Shiv K. Verma, Dana Woell, Byeong Jeong
EPI_ISL_1254540	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_1254543	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 Vollen, Karoline Bragstad, Olav Hungnes
EPI_ISL_1254544	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_1254556, EPI_ISL_1254557	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 Vollen, Karoline Bragstad, Olav Hungnes
EPI_ISL_1254572	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_1254574	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 Vollen, Karoline Bragstad, Olav Hungnes
EPI_ISL_1254580	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_1254584, EPI_ISL_1254585	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 Vollen, Karoline Bragstad, Olav Hungnes
EPI_ISL_1254587	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_1254597	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_1254604	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 Vollen, Karoline Bragstad, Olav Hungnes
EPI_ISL_1254605, EPI_ISL_1254610,	University Hospital of Northern Norway, Department for	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

EPI_ISL_1254611	Microbiology and Infectious Disease Control		Benedikte Nevjen, Debech Nadia, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1254616, EPI_ISL_1254617, EPI_ISL_1254624	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_1254676, EPI_ISL_1254677, EPI_ISL_1254678, EPI_ISL_1254679	Presidio di Brindisi Di Summa - Perrino	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Parisi A., Bianco A., Capozzi L., Del Sambro L., Simone D., Difato L., Ridolfi D., Giannico A.
EPI_ISL_1254681, EPI_ISL_1254683, EPI_ISL_1254684, EPI_ISL_1254685, EPI_ISL_1254686, EPI_ISL_1254687	Ospedale Generale Regionale F. Miulli	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Parisi A., Bianco A., Capozzi L., Del Sambro L., Simone D., Difato L., Ridolfi D., Giannico A.
EPI_ISL_1254702, EPI_ISL_1254703	Ospedale Casa Sollievo della Sofferenza	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Parisi A., Bianco A., Capozzi L., Del Sambro L., Simone D., Difato L., Ridolfi D., Giannico A.
EPI_ISL_1255060	Marche en Famenne	Plateforme de testing Namuroise	; Otto Gaetan ; Denis Olivier ; Degosserie Jonathan ; Mullier François
EPI_ISL_1255806	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_1255985, EPI_ISL_1255991, EPI_ISL_1255997, EPI_ISL_1255999	New Mexico Department of Health Scientific Laboratory	New Mexico Department of Health Scientific Laboratory	Ellie Johnson, Anastacia Griego-Fisher, D'eldra Malone, Jennifer Benoit
EPI_ISL_1256017	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_1256366, EPI_ISL_1256367, EPI_ISL_1256372, EPI_ISL_1256373, EPI_ISL_1256374, EPI_ISL_1256379, EPI_ISL_1256382, EPI_ISL_1256383, EPI_ISL_1256385, EPI_ISL_1256386, EPI_ISL_1256388, EPI_ISL_1256398, EPI_ISL_1256401, EPI_ISL_1256404, EPI_ISL_1256406, EPI_ISL_1256409, EPI_ISL_1256411, EPI_ISL_1256412, EPI_ISL_1256420, EPI_ISL_1256422, EPI_ISL_1256429, EPI_ISL_1256432, EPI_ISL_1256436, EPI_ISL_1256438, EPI_ISL_1256444, EPI_ISL_1256446, EPI_ISL_1256449, EPI_ISL_1256453, EPI_ISL_1256458, EPI_ISL_1256462, EPI_ISL_1256944, EPI_ISL_1256949, EPI_ISL_1256953, EPI_ISL_1256954, EPI_ISL_1256956, EPI_ISL_1256957, EPI_ISL_1256961, EPI_ISL_1256970, EPI_ISL_1256975, EPI_ISL_1256976, EPI_ISL_1256993, EPI_ISL_1256995, EPI_ISL_1256998, EPI_ISL_1257001, EPI_ISL_1257015, EPI_ISL_1257018, EPI_ISL_1257023, EPI_ISL_1257041, EPI_ISL_1257055			
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_1257487, EPI_ISL_1257489, EPI_ISL_1257491, EPI_ISL_1257492, EPI_ISL_1257493, EPI_ISL_1257496, EPI_ISL_1257497, EPI_ISL_1257499, EPI_ISL_1257500, EPI_ISL_1257501, EPI_ISL_1257502, EPI_ISL_1257503, EPI_ISL_1257504, EPI_ISL_1257508, EPI_ISL_1257510, EPI_ISL_1257512, EPI_ISL_1257514			
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_1257639	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_1257640, EPI_ISL_1257641, EPI_ISL_1257642, EPI_ISL_1257644, EPI_ISL_1257645, EPI_ISL_1257647, EPI_ISL_1257648, EPI_ISL_1257795	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_1257898	National Medicines Institute	DNA Sequencing and Synthesis Facility (oligo.pl), Institute of Biochemistry and Biophysics PAS	Gawor Jan, Baraniak Anna
EPI_ISL_1258462	Gorj County Directorate of Public Health	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_1259206	Department of Virology, Istituto Zooprofilattico Sperimentale del Lazio e della Toscana (IZSLT)	Department of General Diagnostics; Department of Virology; Istituto Zooprofilattico Sperimentale del Lazio e della Toscana (IZSLT)	Patricia Alba, Giuseppe Manna, Elena L. Diaconu, Fabiola Feltrin, Raffaella Conti, Teresa Scicluna, Virginia Carfora, Antonella Cersini, Alessia Franco, Antonio Battisti.
EPI_ISL_1259457, EPI_ISL_1259494	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Ivan Topolsky, Emmanouil Dermitzakis, Keith Harshman, Ioannis Xenarios, Henri Pegeot, Lorenzo Cerutti, Deborah Penet, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1259608, EPI_ISL_1259609, EPI_ISL_1259620, EPI_ISL_1259628, EPI_ISL_1259631	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Christian Beisel, Sarah Nadeau, Chaoran Chen, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Rebecca Denes, Mirjam Feldkamp, Ina Nissen, Natascha Santacroce, Elodie Burcklen, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1259634, EPI_ISL_1259689, EPI_ISL_1259691, EPI_ISL_1259692, EPI_ISL_1259696, EPI_ISL_1259697, EPI_ISL_1259701, EPI_ISL_1259702, EPI_ISL_1259736, EPI_ISL_1259738, EPI_ISL_1259740, EPI_ISL_1259741			
see above	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Ivan Topolsky, Emmanouil Dermitzakis, Keith Harshman, Ioannis Xenarios, Henri Pegeot, Lorenzo Cerutti, Deborah Penet, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1259774	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Christian Beisel, Sarah Nadeau, Chaoran Chen, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Rebecca Denes, Mirjam Feldkamp, Ina Nissen, Natascha Santacroce, Elodie Burcklen, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1260624, EPI_ISL_1260629, EPI_ISL_1260631, EPI_ISL_1260632	Houston Health Dept.	Houston Health Dept.	Ryker Penn, Pamela Brown, Adolpho Lara
EPI_ISL_1260687, EPI_ISL_1260688, EPI_ISL_1260689, EPI_ISL_1260690, EPI_ISL_1260691, EPI_ISL_1260692, EPI_ISL_1260693	Azienda Sanitaria Locale di Piacenza - Presidio Ospedaliero - Laboratorio di Microbiologia	Istituto Zooprofilattico Sperimentale della Lombardia e dell'Emilia Romagna (IZSLER), Risk Analysis and Genomic Epidemiology Unit	Lo Cascio Giuliana, Schiavo Roberta, Peroni Irene, Marina Morganti, Ilaria Menozzi, Erika Scaltriti, Stefano Pongolini
EPI_ISL_1260977	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_1261142, EPI_ISL_1261143, EPI_ISL_1261144, EPI_ISL_1261145, EPI_ISL_1261146	Molecular & Genomic Pathology Laboratory, Thomas Jefferson University Hospital	Molecular & Genomic Pathology Laboratory, Thomas Jefferson University Hospital	Nitika Badjatia, Run Jin, Zi-xuan Wang
EPI_ISL_1261869	Ospedale Generale Regionale F. Miulli	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Parisi A., Bianco A., Capozzi L., Del Sambro L., Simone D., Difato L., Ridolfi D., Giannico A.
EPI_ISL_1262509, EPI_ISL_1262510, EPI_ISL_1262522, EPI_ISL_1262528	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_1262718	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Marque Juliet StéPhanie
EPI_ISL_1262748, EPI_ISL_1262749	Armies	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Desroches Marine

EPI_ISL_1262842, EPI_ISL_1262843, EPI_ISL_1262847, EPI_ISL_1262849, EPI_ISL_1262850, EPI_ISL_1262851, EPI_ISL_1262852, EPI_ISL_1262853, EPI_ISL_1262854, EPI_ISL_1262855, EPI_ISL_1262856, EPI_ISL_1262857, EPI_ISL_1262858, EPI_ISL_1262859, EPI_ISL_1262860, EPI_ISL_1262862, EPI_ISL_1262863, EPI_ISL_1262864, EPI_ISL_1262865, EPI_ISL_1262866, EPI_ISL_1262868, EPI_ISL_1262869, EPI_ISL_1262870, EPI_ISL_1262871, EPI_ISL_1262872, EPI_ISL_1262874, EPI_ISL_1262875			
see above	hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Gastli Nabil
EPI_ISL_1262899, EPI_ISL_1262902	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Billy Pierre Alain
EPI_ISL_1262915	Labo Analyses Med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Laroche Christine
EPI_ISL_1262926, EPI_ISL_1262928	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Thibault Vincent
EPI_ISL_1263000, EPI_ISL_1263015, EPI_ISL_1263024, EPI_ISL_1263033	Labo Analyses Med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Said-Delattre Ophélie
EPI_ISL_1263377, EPI_ISL_1263378, EPI_ISL_1263387, EPI_ISL_1263388, EPI_ISL_1263390, EPI_ISL_1263391, EPI_ISL_1263394, EPI_ISL_1263396, EPI_ISL_1263398, EPI_ISL_1263399, EPI_ISL_1263400, EPI_ISL_1263401, EPI_ISL_1263402, EPI_ISL_1263403, EPI_ISL_1263404, EPI_ISL_1263406, EPI_ISL_1263407, EPI_ISL_1263409, EPI_ISL_1263410, EPI_ISL_1263411, EPI_ISL_1263412, EPI_ISL_1263413, EPI_ISL_1263414, EPI_ISL_1263415, EPI_ISL_1263416, EPI_ISL_1263419, EPI_ISL_1263420, EPI_ISL_1263421, EPI_ISL_1263422, EPI_ISL_1263423, EPI_ISL_1263424, EPI_ISL_1263425, EPI_ISL_1263426, EPI_ISL_1263427, EPI_ISL_1263428, EPI_ISL_1263429, EPI_ISL_1263430, EPI_ISL_1263431, EPI_ISL_1263432, EPI_ISL_1263433, EPI_ISL_1263434, EPI_ISL_1263440, EPI_ISL_1263441			
see above	Microbiology Department, Laboratori Clinic Metropolitana Nord, Hospital Universitari Germans Trias i Pujol.	Can Ruti SARS-CoV-2 Sequencing Hub (HUGTIP/IRSI/Caixa/IGTP)	Marc Noguera-Julian, Pilar Armengol, Ignacio Blanco, Antoni E Bordoy, Francesc Catala-Moll, Pere-Joan Cardona, Julia G Prado, Carol Galvez Maria Casadellà, Cristina Casañ, Gemma Clara, Irina Pey, Jordi Barretina, Bonaventura Clotet, Cristina Esteban, Montserrat Giménez, Mercedes Guerrero, Anna Not, Roger Paredes, Mariona Parera, Verónica Saludes, Alba Sánchez, and Elisa Martró on behalf of the Can Ruti SARS-CoV-2 Sequencing Hub.
EPI_ISL_1263854, EPI_ISL_1263859, EPI_ISL_1263860, EPI_ISL_1263863, EPI_ISL_1263864, EPI_ISL_1263866, EPI_ISL_1263873, EPI_ISL_1263886, EPI_ISL_1263890, EPI_ISL_1263893, EPI_ISL_1263899, EPI_ISL_1263916, EPI_ISL_1263917, EPI_ISL_1263922, EPI_ISL_1263925, EPI_ISL_1263934, EPI_ISL_1263948, EPI_ISL_1263962, EPI_ISL_1263971, EPI_ISL_1263979, EPI_ISL_1263981, EPI_ISL_1263982, EPI_ISL_1263985, EPI_ISL_1263992, EPI_ISL_1263998, EPI_ISL_1264007, EPI_ISL_1264023, EPI_ISL_1264026, EPI_ISL_1264031, EPI_ISL_1264047, EPI_ISL_1264060			
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_1265154	AZ Sint-Jan Brugge-Oostende AV	AZ SINT-JAN BRUGGE	Marijke Reynders, Patrick Descheemaeker, Laurien Hoornaert, Thomas Van Landschoot, Jorn Hellemans
EPI_ISL_1265657	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_1265675, EPI_ISL_1265678, EPI_ISL_1265679, EPI_ISL_1265686, EPI_ISL_1265689, EPI_ISL_1265699, EPI_ISL_1265700	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_1265701	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_1265702, EPI_ISL_1265703, EPI_ISL_1265704	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_1265710	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_1266303	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_1266361	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_1266381, EPI_ISL_1266432, EPI_ISL_1266433	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_1267008	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_1272193, EPI_ISL_1272209	MD PHL	MD PHL	Maryland Department of Health Laboratories Administration
EPI_ISL_1274311, EPI_ISL_1274354, EPI_ISL_1274363, EPI_ISL_1274430, EPI_ISL_1274438, EPI_ISL_1274540	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_1275566, EPI_ISL_1275628, EPI_ISL_1275653, EPI_ISL_1275663, EPI_ISL_1275694, EPI_ISL_1275716, EPI_ISL_1275745, EPI_ISL_1275801, EPI_ISL_1275826, EPI_ISL_1275845, EPI_ISL_1275849, EPI_ISL_1275850, EPI_ISL_1275874, EPI_ISL_1275881, EPI_ISL_1275882, EPI_ISL_1275885, EPI_ISL_1275887, EPI_ISL_1275889, EPI_ISL_1275896, EPI_ISL_1275898, EPI_ISL_1275906, EPI_ISL_1275907, EPI_ISL_1275921, EPI_ISL_1275930, EPI_ISL_1275936, EPI_ISL_1275942, EPI_ISL_1275950, EPI_ISL_1275954, EPI_ISL_1275957, EPI_ISL_1275958, EPI_ISL_1275963, EPI_ISL_1275964, EPI_ISL_1275970, EPI_ISL_1275977, EPI_ISL_1275980, EPI_ISL_1275985, EPI_ISL_1275996, EPI_ISL_1276012, EPI_ISL_1276013, EPI_ISL_1276015, EPI_ISL_1276026, EPI_ISL_1276027, EPI_ISL_1276032, EPI_ISL_1276035, EPI_ISL_1276037, EPI_ISL_1276038, EPI_ISL_1276044, EPI_ISL_1276045			
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_1276048	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_1276055, EPI_ISL_1276059, EPI_ISL_1276062, EPI_ISL_1276063, EPI_ISL_1276071, EPI_ISL_1276074, EPI_ISL_1276087, EPI_ISL_1276097, EPI_ISL_1276098, EPI_ISL_1276101, EPI_ISL_1276112, EPI_ISL_1276904, EPI_ISL_1276906, EPI_ISL_1276919, EPI_ISL_1276922, EPI_ISL_1276929, EPI_ISL_1276935, EPI_ISL_1276936, EPI_ISL_1276976, EPI_ISL_1276979, EPI_ISL_1277009, EPI_ISL_1277036, EPI_ISL_1277038, EPI_ISL_1277051, EPI_ISL_1277054, EPI_ISL_1277056, EPI_ISL_1277059, EPI_ISL_1277069, EPI_ISL_1277113, EPI_ISL_1277125, EPI_ISL_1277161, EPI_ISL_1277190, EPI_ISL_1277865, EPI_ISL_1277866			
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_1277974, EPI_ISL_1277980, EPI_ISL_1277982, EPI_ISL_1277984, EPI_ISL_1277985, EPI_ISL_1277986, EPI_ISL_1277987, EPI_ISL_1277988, EPI_ISL_1277989, EPI_ISL_1277990, EPI_ISL_1277992			
see above	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1279625, EPI_ISL_1279671, EPI_ISL_1279672, EPI_ISL_1279673, EPI_ISL_1279674, EPI_ISL_1279675, EPI_ISL_1279676, EPI_ISL_1279677	Institute of Medical Microbiology and Hospital Hygiene	Institute of Medical Microbiology and Hospital Hygiene	Prof. Dr. Achim Kaasch, Aljoscha Tersteegen
EPI_ISL_1279678, EPI_ISL_1279679, EPI_ISL_1279680, EPI_ISL_1279681, EPI_ISL_1279682, EPI_ISL_1279683, EPI_ISL_1279684	Landesamt für Verbraucherschutz Sachsen Anhalt, Magdeburg	Institute of Medical Microbiology and Hospital Hygiene	Prof. Dr. Achim Kaasch, Aljoscha Tersteegen

EPI_ISL_1279685, EPI_ISL_1279686, EPI_ISL_1279687, EPI_ISL_1279688, EPI_ISL_1279689, EPI_ISL_1279690, EPI_ISL_1279766, EPI_ISL_1279767, EPI_ISL_1279768	Institute of Medical Microbiology and Hospital Hygiene	Institute of Medical Microbiology and Hospital Hygiene	Prof. Dr. Achim Kaasch, Aljoscha Tersteegen
EPI_ISL_1279769, EPI_ISL_1279770	Landesamt für Verbraucherschutz Sachsen Anhalt, Magdeburg	Institute of Medical Microbiology and Hospital Hygiene	Prof. Dr. Achim Kaasch, Aljoscha Tersteegen
EPI_ISL_1279892	Nebraska Public Health Laboratory	NPHL COVID-19 Response Team	NPHL COVID-19 Response Team
EPI_ISL_1280201	MVZ Labor Dr. Reising-Ackermann und Kollegen	Robert Koch Institute	unknown
EPI_ISL_1280205	Limbach - MVZ Labor Eveld & Kollegen Essen	Robert Koch Institute	unknown
EPI_ISL_1280666, EPI_ISL_1280670, EPI_ISL_1280673	Klinikum der Stadt Ludwigshafen - Institut für Labordiagnostik Hygiene und Transfusionsmedizin	Robert Koch Institute	unknown
EPI_ISL_1280674	MVZ für Laboratoriumsmedizin und Mikrobiologie Koblenz-Mittelrhein (Labor Koblenz)	Robert Koch Institute	unknown
EPI_ISL_1280675, EPI_ISL_1280677, EPI_ISL_1280688, EPI_ISL_1280701, EPI_ISL_1280703, EPI_ISL_1280704, EPI_ISL_1280706, EPI_ISL_1280712, EPI_ISL_1280716, EPI_ISL_1280720, EPI_ISL_1280723, EPI_ISL_1280727, EPI_ISL_1280729, EPI_ISL_1280731			
see above	Klinikum der Stadt Ludwigshafen - Institut für Labordiagnostik Hygiene und Transfusionsmedizin	Robert Koch Institute	unknown
EPI_ISL_1280804	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1280823, EPI_ISL_1280843, EPI_ISL_1280847, EPI_ISL_1280852, EPI_ISL_1280917	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1281091, EPI_ISL_1281101	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1281106, EPI_ISL_1281113, EPI_ISL_1281117	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1281121, EPI_ISL_1281122	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1281124	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1281125	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1281126, EPI_ISL_1281129	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1281135, EPI_ISL_1281139, EPI_ISL_1281140, EPI_ISL_1281145	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1281146, EPI_ISL_1281152	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1281154	SYNLAB MVZ Neustadt a. d. Weinstraße	Robert Koch Institute	unknown
EPI_ISL_1281159	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1281163	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1281164, EPI_ISL_1281166, EPI_ISL_1281167	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1281170, EPI_ISL_1281171	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1281239	Limbach - MVZ Gemeinschaftslabor Suhl	Robert Koch Institute	unknown
EPI_ISL_1281287	Institut für med. Mikrobiologie u. Virologie Klinikum Oldenburg	Robert Koch Institute	unknown
EPI_ISL_1281317	amedes Göttingen	Robert Koch Institute	unknown
EPI_ISL_1281391, EPI_ISL_1281443	amedes MVZ DIAMEDIS Sennestadt	Robert Koch Institute	unknown
EPI_ISL_1281481	amedes MVZ Jena	Robert Koch Institute	unknown
EPI_ISL_1281483	amedes Göttingen	Robert Koch Institute	unknown
EPI_ISL_1281520, EPI_ISL_1281533	amedes MVZ DIAMEDIS Sennestadt	Robert Koch Institute	unknown
EPI_ISL_1281784	Labor Kneißler GmbH & Co. KG	Robert Koch Institute	unknown
EPI_ISL_1281786	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1281810	MVZ Labor Dr. Limbach & Kollegen GbR	Robert Koch Institute	unknown
EPI_ISL_1281817	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1281819	MVZ Labor Dr. Limbach & Kollegen GbR	Robert Koch Institute	unknown
EPI_ISL_1281911, EPI_ISL_1281914	MVZ Dr. Eberhard & Partner Dortmund	Robert Koch Institute	unknown
EPI_ISL_1281976	Labor Lübeck bzw. Laborärztliche Gemeinschaftspraxis Lübeck	Robert Koch Institute	unknown
EPI_ISL_1281996, EPI_ISL_1282007, EPI_ISL_1282023, EPI_ISL_1282030, EPI_ISL_1282036, EPI_ISL_1282037, EPI_ISL_1282044, EPI_ISL_1282045, EPI_ISL_1282051, EPI_ISL_1282062, EPI_ISL_1282071, EPI_ISL_1282077, EPI_ISL_1282091, EPI_ISL_1282105, EPI_ISL_1282113, EPI_ISL_1282114, EPI_ISL_1282115, EPI_ISL_1282118, EPI_ISL_1282123, EPI_ISL_1282134, EPI_ISL_1282137, EPI_ISL_1282167, EPI_ISL_1282191, EPI_ISL_1282193, EPI_ISL_1282220, EPI_ISL_1282221, EPI_ISL_1282225, EPI_ISL_1282226, EPI_ISL_1282237, EPI_ISL_1282240, EPI_ISL_1282249, EPI_ISL_1282250, EPI_ISL_1282251, EPI_ISL_1282254, EPI_ISL_1282259, EPI_ISL_1282292, EPI_ISL_1282309			
see above	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1282310, EPI_ISL_1282313	IMD - Institut für Medizinische Diagnostik Berlin-Potsdam	Robert Koch Institute	unknown
EPI_ISL_1282321	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1282324	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1282331	IMD - Institut für Medizinische Diagnostik Berlin-Potsdam	Robert Koch Institute	unknown
EPI_ISL_1282332, EPI_ISL_1282335	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1282341	IMD - Institut für Medizinische Diagnostik Berlin-Potsdam	Robert Koch Institute	unknown
EPI_ISL_1282356	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1282364	IMD - Institut für Medizinische Diagnostik Berlin-Potsdam	Robert Koch Institute	unknown

EPI_ISL_1282369	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1282371, EPI_ISL_1282373	IMD - Institut für Medizinische Diagnostik Berlin-Potsdam	Robert Koch Institute	unknown
EPI_ISL_1282772, EPI_ISL_1282784	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1283015, EPI_ISL_1283029, EPI_ISL_1283070, EPI_ISL_1283071, EPI_ISL_1283085, EPI_ISL_1283093, EPI_ISL_1283104	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1283122	MVZ Labor Dr. Limbach & Kollegen GbR	Robert Koch Institute	unknown
EPI_ISL_1283128	Limbach - MVZ Labor Eveld & Kollegen Essen	Robert Koch Institute	unknown
EPI_ISL_1283146	MVZ Labor Dr. Limbach & Kollegen GbR	Robert Koch Institute	unknown
EPI_ISL_1283153	Limbach - MVZ Labor Eveld & Kollegen Essen	Robert Koch Institute	unknown
EPI_ISL_1283156, EPI_ISL_1283161	MVZ Labor Dr. Limbach & Kollegen GbR	Robert Koch Institute	unknown
EPI_ISL_1283169, EPI_ISL_1283183	Limbach - MVZ Labor Eveld & Kollegen Essen	Robert Koch Institute	unknown
EPI_ISL_1283185	MVZ Labor Dr. Limbach & Kollegen GbR	Robert Koch Institute	unknown
EPI_ISL_1283201	Labor MönchengladbachMVZ Dr. Stein + Kollegen GbR	Robert Koch Institute	unknown
EPI_ISL_1283202	Limbach - MVZ Labor Eveld & Kollegen Essen	Robert Koch Institute	unknown
EPI_ISL_1283212	MVZ Labor Dr. Limbach & Kollegen GbR	Robert Koch Institute	unknown
EPI_ISL_1283224	Limbach - MVZ Labor Eveld & Kollegen Essen	Robert Koch Institute	unknown
EPI_ISL_1283234, EPI_ISL_1283235, EPI_ISL_1283239	MVZ Labor Dr. Limbach & Kollegen GbR	Robert Koch Institute	unknown
EPI_ISL_1284510	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1284517, EPI_ISL_1284530	Universitätsklinikum Bonn - Institut für Medizinische Mikrobiologie Immunologie und Parasitologie + Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1284534	Klinikum der Stadt Ludwigshafen - Institut für Labordiagnostik Hygiene und Transfusionsmedizin	Robert Koch Institute	unknown
EPI_ISL_1284535	Universitätsklinikum Bonn - Institut für Medizinische Mikrobiologie Immunologie und Parasitologie + Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1284572, EPI_ISL_1284587, EPI_ISL_1284601, EPI_ISL_1284609	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1284624	Bioscientia MVZ Labor Karlsruhe GmbH	Robert Koch Institute	unknown
EPI_ISL_1284679, EPI_ISL_1284710, EPI_ISL_1284728, EPI_ISL_1284757, EPI_ISL_1284785, EPI_ISL_1284817, EPI_ISL_1284846, EPI_ISL_1284863	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1284925, EPI_ISL_1284937, EPI_ISL_1284944	KRH Klinikum Region Hannover: Institut für Med. Mikrobiologie und Krankenhaushygiene	Robert Koch Institute	unknown
EPI_ISL_1284948, EPI_ISL_1284951, EPI_ISL_1284954, EPI_ISL_1284956, EPI_ISL_1284957, EPI_ISL_1284959, EPI_ISL_1284960, EPI_ISL_1284967, EPI_ISL_1284968, EPI_ISL_1284973, EPI_ISL_1284978, EPI_ISL_1284991, EPI_ISL_1284996, EPI_ISL_1284997, EPI_ISL_1284998, EPI_ISL_1285005, EPI_ISL_1285007, EPI_ISL_1285011, EPI_ISL_1285013, EPI_ISL_1285014, EPI_ISL_1285024, EPI_ISL_1285025, EPI_ISL_1285026, EPI_ISL_1285033			
see above	Diagnosticum - Labor Neukirchen	Robert Koch Institute	unknown
EPI_ISL_1285351, EPI_ISL_1285354, EPI_ISL_1285374	CeGaT Management	Robert Koch Institute	unknown
EPI_ISL_1285414	MVZ Labor Krone GbR	Robert Koch Institute	unknown
EPI_ISL_1285552	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1285720	Thüringer Landesamtes für Verbraucherschutz	Robert Koch Institute	unknown
EPI_ISL_1285731	Uniklinikum Regensburg; Institut für Mikrobiologie	Robert Koch Institute	unknown
EPI_ISL_1285745	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1285749	IMD - Medizinisches Labor Rostock	Robert Koch Institute	unknown
EPI_ISL_1285750	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1285751	IMD - Medizinisches Labor Rostock	Robert Koch Institute	unknown
EPI_ISL_1285754, EPI_ISL_1285757, EPI_ISL_1285770	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1285771	IMD - Medizinisches Labor Rostock	Robert Koch Institute	unknown
EPI_ISL_1285774, EPI_ISL_1285780, EPI_ISL_1285784, EPI_ISL_1285792, EPI_ISL_1285795	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1285802, EPI_ISL_1285808, EPI_ISL_1285810, EPI_ISL_1285815	Dianovis GmbH Greiz	Robert Koch Institute	unknown
EPI_ISL_1287294	Alexianer DaKS GmbH (eigenes IT-Tochterunternehmen der Alexianer Krankenhäuser)	Robert Koch Institute	unknown
EPI_ISL_1287789, EPI_ISL_1287790, EPI_ISL_1287810, EPI_ISL_1287826, EPI_ISL_1287829, EPI_ISL_1287832, EPI_ISL_1287838, EPI_ISL_1287839, EPI_ISL_1287840, EPI_ISL_1287841, EPI_ISL_1287842, EPI_ISL_1287844, EPI_ISL_1287845, EPI_ISL_1287848, EPI_ISL_1287850, EPI_ISL_1287851, EPI_ISL_1287852, EPI_ISL_1287853, EPI_ISL_1287854, EPI_ISL_1287855, EPI_ISL_1287856, EPI_ISL_1287858, EPI_ISL_1287859, EPI_ISL_1287860, EPI_ISL_1287861, EPI_ISL_1287863, EPI_ISL_1287864, EPI_ISL_1287867, EPI_ISL_1287875, EPI_ISL_1287876, EPI_ISL_1287893, EPI_ISL_1287901, EPI_ISL_1287904, EPI_ISL_1287912, EPI_ISL_1287914, EPI_ISL_1287917, EPI_ISL_1287924, EPI_ISL_1287930, EPI_ISL_1287931, EPI_ISL_1287932, EPI_ISL_1287933, EPI_ISL_1287935, EPI_ISL_1287936, EPI_ISL_1287937, EPI_ISL_1287939, EPI_ISL_1287940, EPI_ISL_1287941, EPI_ISL_1287942, EPI_ISL_1287943, EPI_ISL_1287946, EPI_ISL_1287947, EPI_ISL_1287956, EPI_ISL_1287963, EPI_ISL_1287965, EPI_ISL_1287967, EPI_ISL_1287968, EPI_ISL_1287969, EPI_ISL_1287970, EPI_ISL_1287971, EPI_ISL_1287974, EPI_ISL_1287975, EPI_ISL_1287977, EPI_ISL_1287978, EPI_ISL_1287983, EPI_ISL_1287985, EPI_ISL_1287988, EPI_ISL_1287997, EPI_ISL_1287998, EPI_ISL_1288000, EPI_ISL_1288002, EPI_ISL_1288003, EPI_ISL_1288007, EPI_ISL_1288008, EPI_ISL_1288009, EPI_ISL_1288013, EPI_ISL_1288014, EPI_ISL_1288028, EPI_ISL_1288029, EPI_ISL_1288035, EPI_ISL_1288037, EPI_ISL_1288042, EPI_ISL_1288043, EPI_ISL_1288048, EPI_ISL_1288049, EPI_ISL_1288052, EPI_ISL_1288054, EPI_ISL_1288055, EPI_ISL_1288056, EPI_ISL_1288057, EPI_ISL_1288058, EPI_ISL_1288059, EPI_ISL_1288060, EPI_ISL_1288061, EPI_ISL_1288062, EPI_ISL_1288063, EPI_ISL_1288064, EPI_ISL_1288065, EPI_ISL_1288066, EPI_ISL_1288067, EPI_ISL_1288068, EPI_ISL_1288069, EPI_ISL_1288070, EPI_ISL_1288071, EPI_ISL_1288072, EPI_ISL_1288073, EPI_ISL_1288074, EPI_ISL_1288075, EPI_ISL_1288076, EPI_ISL_1288077, EPI_ISL_1288078, EPI_ISL_1288079, EPI_ISL_1288080, EPI_ISL_1288081, EPI_ISL_1288082, EPI_ISL_1288083, EPI_ISL_1288084, EPI_ISL_1288085, EPI_ISL_1288086, EPI_ISL_1288087,			

EPI_ISL_1288088, EPI_ISL_1288089, EPI_ISL_1288090, EPI_ISL_1288091, EPI_ISL_1288092, EPI_ISL_1288093, EPI_ISL_1288094, EPI_ISL_1288095, EPI_ISL_1288098, EPI_ISL_1288099, EPI_ISL_1288100, EPI_ISL_1288101, EPI_ISL_1288102, EPI_ISL_1288103, EPI_ISL_1288104, EPI_ISL_1288106, EPI_ISL_1288108, EPI_ISL_1288110, EPI_ISL_1288111, EPI_ISL_1288115, EPI_ISL_1288118, EPI_ISL_1288124, EPI_ISL_1288129, EPI_ISL_1288131, EPI_ISL_1288133, EPI_ISL_1288134, EPI_ISL_1288136, EPI_ISL_1288143, EPI_ISL_1288145, EPI_ISL_1288146, EPI_ISL_1288150, EPI_ISL_1288152, EPI_ISL_1288540, EPI_ISL_1288541, EPI_ISL_1288561, EPI_ISL_1288577, EPI_ISL_1288580, EPI_ISL_1288583, EPI_ISL_1288589, EPI_ISL_1288590, EPI_ISL_1288591, EPI_ISL_1288592, EPI_ISL_1288593, EPI_ISL_1288595, EPI_ISL_1288596, EPI_ISL_1288599, EPI_ISL_1288601, EPI_ISL_1288602, EPI_ISL_1288603, EPI_ISL_1288604, EPI_ISL_1288605, EPI_ISL_1288606, EPI_ISL_1288607, EPI_ISL_1288609, EPI_ISL_1288610, EPI_ISL_1288611, EPI_ISL_1288612, EPI_ISL_1288614, EPI_ISL_1288615, EPI_ISL_1288618, EPI_ISL_1288626, EPI_ISL_1288627, EPI_ISL_1288644, EPI_ISL_1288652, EPI_ISL_1288655, EPI_ISL_1288663, EPI_ISL_1288665, EPI_ISL_1288668, EPI_ISL_1288675, EPI_ISL_1288681, EPI_ISL_1288682, EPI_ISL_1288683, EPI_ISL_1288684, EPI_ISL_1288686, EPI_ISL_1288687, EPI_ISL_1288688, EPI_ISL_1288690, EPI_ISL_1288691, EPI_ISL_1288692, EPI_ISL_1288693, EPI_ISL_1288694, EPI_ISL_1288697, EPI_ISL_1288698, EPI_ISL_1288707, EPI_ISL_1288714, EPI_ISL_1288716, EPI_ISL_1288718, EPI_ISL_1288719, EPI_ISL_1288720, EPI_ISL_1288721, EPI_ISL_1288722, EPI_ISL_1288725, EPI_ISL_1288726, EPI_ISL_1288728, EPI_ISL_1288729, EPI_ISL_1288734, EPI_ISL_1288736, EPI_ISL_1288739, EPI_ISL_1288748, EPI_ISL_1288749, EPI_ISL_1288751, EPI_ISL_1288753, EPI_ISL_1288754, EPI_ISL_1288758, EPI_ISL_1288759, EPI_ISL_1288760, EPI_ISL_1288764, EPI_ISL_1288765, EPI_ISL_1288779, EPI_ISL_1288780, EPI_ISL_1288786, EPI_ISL_1288788, EPI_ISL_1288793, EPI_ISL_1288800, EPI_ISL_1288803, EPI_ISL_1288805, EPI_ISL_1288880, EPI_ISL_1288882, EPI_ISL_1288884, EPI_ISL_1288885, EPI_ISL_1288887, EPI_ISL_1288894, EPI_ISL_1288896, EPI_ISL_1288897, EPI_ISL_1288901, EPI_ISL_1288902, EPI_ISL_1288920, EPI_ISL_1288922, EPI_ISL_1288923, EPI_ISL_1288926, EPI_ISL_1288927, EPI_ISL_1288928, EPI_ISL_1288929, EPI_ISL_1288939, EPI_ISL_1288940, EPI_ISL_1288949, EPI_ISL_1288951, EPI_ISL_1288954, EPI_ISL_1288956, EPI_ISL_1288968, EPI_ISL_1288969, EPI_ISL_1288971, EPI_ISL_1288974, EPI_ISL_1288980, EPI_ISL_1288982, EPI_ISL_1288985, EPI_ISL_1288987, EPI_ISL_1288989, EPI_ISL_1288990, EPI_ISL_1288991, EPI_ISL_1288994, EPI_ISL_1288996, EPI_ISL_1288997, EPI_ISL_1288998, EPI_ISL_1288999, EPI_ISL_1289000, EPI_ISL_1289002, EPI_ISL_1289003, EPI_ISL_1289004, EPI_ISL_1289005, EPI_ISL_1289006, EPI_ISL_1289007, EPI_ISL_1289010, EPI_ISL_1289013, EPI_ISL_1289017, EPI_ISL_1289018, EPI_ISL_1289019, EPI_ISL_1289020, EPI_ISL_1289021, EPI_ISL_1289023, EPI_ISL_1289024, EPI_ISL_1289025, EPI_ISL_1289026, EPI_ISL_1289028, EPI_ISL_1289030, EPI_ISL_1289031, EPI_ISL_1289032, EPI_ISL_1289033, EPI_ISL_1289035, EPI_ISL_1289039, EPI_ISL_1289040, EPI_ISL_1289041, EPI_ISL_1289044, EPI_ISL_1289050, EPI_ISL_1289059, EPI_ISL_1289070, EPI_ISL_1289071, EPI_ISL_1289073, EPI_ISL_1289074, EPI_ISL_1289086, EPI_ISL_1289087, EPI_ISL_1289088, EPI_ISL_1289089, EPI_ISL_1289090, EPI_ISL_1289091, EPI_ISL_1289092, EPI_ISL_1289093, EPI_ISL_1289094, EPI_ISL_1289095, EPI_ISL_1289096, EPI_ISL_1289097, EPI_ISL_1289098, EPI_ISL_1289099, EPI_ISL_1289100, EPI_ISL_1289101, EPI_ISL_1289102, EPI_ISL_1289103, EPI_ISL_1289105, EPI_ISL_1289106, EPI_ISL_1289107, EPI_ISL_1289108, EPI_ISL_1289109, EPI_ISL_1289110, EPI_ISL_1289111, EPI_ISL_1289113, EPI_ISL_1289114, EPI_ISL_1289115, EPI_ISL_1289116, EPI_ISL_1289117, EPI_ISL_1289118, EPI_ISL_1289120, EPI_ISL_1289121, EPI_ISL_1289122, EPI_ISL_1289124, EPI_ISL_1289125, EPI_ISL_1289127, EPI_ISL_1289129, EPI_ISL_1289131, EPI_ISL_1289132, EPI_ISL_1289134, EPI_ISL_1289135, EPI_ISL_1289136, EPI_ISL_1289137, EPI_ISL_1289138, EPI_ISL_1289139, EPI_ISL_1289140, EPI_ISL_1289141, EPI_ISL_1289142, EPI_ISL_1289143, EPI_ISL_1289144, EPI_ISL_1289145, EPI_ISL_1289146, EPI_ISL_1289147, EPI_ISL_1289148, EPI_ISL_1289149, EPI_ISL_1289150, EPI_ISL_1289151, EPI_ISL_1289152, EPI_ISL_1289153, EPI_ISL_1289154, EPI_ISL_1289155, EPI_ISL_1289156, EPI_ISL_1289157, EPI_ISL_1289158, EPI_ISL_1289159, EPI_ISL_1289160, EPI_ISL_1289161, EPI_ISL_1289162, EPI_ISL_1289163, EPI_ISL_1289164, EPI_ISL_1289165, EPI_ISL_1289166, EPI_ISL_1289167, EPI_ISL_1289168, EPI_ISL_1289169, EPI_ISL_1289170, EPI_ISL_1289171, EPI_ISL_1289172, EPI_ISL_1289173, EPI_ISL_1289174, EPI_ISL_1289175, EPI_ISL_1289176, EPI_ISL_1289177, EPI_ISL_1289178, EPI_ISL_1289179, EPI_ISL_1289180, EPI_ISL_1289182, EPI_ISL_1289183, EPI_ISL_1289184, EPI_ISL_1289185, EPI_ISL_1289186, EPI_ISL_1289187, EPI_ISL_1289188, EPI_ISL_1289189, EPI_ISL_1289213, EPI_ISL_1289214, EPI_ISL_1289215, EPI_ISL_1289216	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 der 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_1289461, EPI_ISL_1289475, EPI_ISL_1289515, EPI_ISL_1289547, EPI_ISL_1289548, EPI_ISL_1289549, EPI_ISL_1289550, EPI_ISL_1289551, EPI_ISL_1289552, EPI_ISL_1289553, EPI_ISL_1289554, EPI_ISL_1289555, EPI_ISL_1289556, EPI_ISL_1289557, EPI_ISL_1289558, EPI_ISL_1289559, EPI_ISL_1289561, EPI_ISL_1289564, EPI_ISL_1289567, EPI_ISL_1289597, EPI_ISL_1289618, EPI_ISL_1289618, EPI_ISL_1289667, EPI_ISL_1289686, EPI_ISL_1289686, EPI_ISL_1289688, EPI_ISL_1289689, EPI_ISL_1289701	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_1292383		Sonora Quest Laboratories	TGen North	*Jolene Bowers, Heather Centner, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)"
EPI_ISL_1292728, EPI_ISL_1292770		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_1293015, EPI_ISL_1293026		MD Public Health Laboratory	MD Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_1293144		Yale Pathology Lab	Grubaugh Lab - Yale School of Public Health	Joseph Fauver, Mallory Breban, Isabell Ott, Tara Alpert, Mary Petrone, Anderson Brito, Chantal Vogels, Annie Watkins, Chaney Kalinich, Jessica Rothman, Jianhui Wang, Chen Liu, Pei Hui, Nathan Grubaugh
EPI_ISL_1293162, EPI_ISL_1293163, EPI_ISL_1293164, EPI_ISL_1293165, EPI_ISL_1293167, EPI_ISL_1293207, EPI_ISL_1293208, EPI_ISL_1293224, EPI_ISL_1293225, EPI_ISL_1293227		Yale Clinical Virology Lab	Grubaugh Lab - Yale School of Public Health	Joseph Fauver, Mallory Breban, Isabell Ott, Tara Alpert, Mary Petrone, Anderson Brito, Chantal Vogels, Annie Watkins, Chaney Kalinich, Jessica Rothman, Marie L. Landry, Nathan Grubaugh
EPI_ISL_1295079		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_1295786, EPI_ISL_1295788		Sharp HealthCare Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Aaron Harding, Jacquelyn Berumen, Cathy Woerle, Liam McGinnis, Art Mendoza, Omid Bakhtar
EPI_ISL_1296652		Respiratory Virus Unit, National Infection Service, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team
EPI_ISL_1296679		Montana Public Health Laboratory	Montana Public Health Laboratory	Joy Ritter, Michelle Mozer, Carrie Biskupiak, Deborah Gibson
EPI_ISL_1297098, EPI_ISL_1297131		Sonora Quest Laboratories	TGen North	*Jolene Bowers, Heather Centner, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)"
EPI_ISL_1298421, EPI_ISL_1298423, EPI_ISL_1298424, EPI_ISL_1298425, EPI_ISL_1298426, EPI_ISL_1298427, EPI_ISL_1298428		Laboratory Corporation of America	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, Minoo Agarwal, Eyad Almasri, Debbie Boles, Ayla Burns, Nuthawin Charoensri, Oren Cohen, Susan Countryman, Mary Ann Cristobal, Bobbi Croy, Suzanne Dale, Hrushikesh Deshmukh, Amanda Douglas, Vincent Drouillon, Marcia Eisenberg, Howard Engler, Rama Ghatti, Prashant Gupta, Susan Hicks, Jake Humphrey, Lax Iyer, Manoj Jain, Mohan Kolli, Brian Krueger, Tim Kuphal, Stanley Letovsky, Michael Levandoski, Craig Lukasik, Jonathan Meltzer, Brian Norvell, Mindy Nye, Scott Parker, Christos Petropoulos, John Pruitt, Steven Ragan, Scott Ryan, Mike Sapeta, Jana Schroth, Suresh Babu Selvaraju, Goran Stevovic, Amanda Suchanek, Andrea Throop, Lyndon Tilson, Thomas Urban, Joe Voshell, Kimberly Wagner, Jonathan Williams, Mary Williamson, Qian Zeng, Tricia Zwiefelhofer, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1299332, EPI_ISL_1299380, EPI_ISL_1299388, EPI_ISL_1299389		National Virus Reference Laboratory	National Virus Reference Laboratory	Zoe Yandle, Charlene Bennett, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun
EPI_ISL_1299504		Azienda Ospedaliera Terni	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Palumbo M, ScacchettiA, 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_1299861		Unit of lab surveillance of viral emerging diseases, National Lab of Influenza	Respiratory Virus Unit, National Infection Service, Public Health England	PHE Covid Sequencing Team, Iris Hasibra, Prof Silvia Bino, Prof Albana Fico
EPI_ISL_1300287, EPI_ISL_1300288		Klinisk mikrobiologi	The Public Health Agency of Sweden	Samuel Ohman, Maria Lind Karlberg, Anna-Malin Linde, Carlo Berg, Oskar Karlsson Lindsjö, Sofia Stamouli, Reza Advani, Mattias Haukland, Petra Holmstrom, Noura Walai, Petra Edquist, Mia Brytting, Anna Risberg, Karin Tegmark-Wisell
EPI_ISL_1300363, EPI_ISL_1300364		Texas Department of State Health Services - TXDSHS	Texas Department of State Health Services - TXDSHS	Rashmi Tuladhar, Bonnie Oh, Jenny Zhang, Maliha Rahman, Mayela Pedrueza, Anita Pokharel, Myong Koag, Chun Wang, Rachel Lee, Grace Kubin
EPI_ISL_1301808		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,Guinoiseau Thibault
EPI_ISL_1301813		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,Griscelli Franck
EPI_ISL_1301819		Research	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_1301844, EPI_ISL_1301845, EPI_ISL_1301846		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,Coste-Burel Marianne
EPI_ISL_1301864		Research	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_1302712, EPI_ISL_1302713, EPI_ISL_1302714, EPI_ISL_1302715		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_1302983, EPI_ISL_1302988		ADMed Microbiologie	Genomics and Transcriptomics, Philip Morris International	Reto Lienhard, Marie-Lise Tritten, Emmanuel Guedj, Nicolas Sierro, David Bornand, Mehdi Auberson, Maxime Berthouzou, Nikolai Ivanov, Manuel Peitsch
EPI_ISL_1303474		Flow Diagnostics Lab	Los Angeles County PHL	P. Hemarajata et al.

EPI_ISL_1304316, EPI_ISL_1304318, EPI_ISL_1304320, EPI_ISL_1304322, EPI_ISL_1304327, EPI_ISL_1304330, EPI_ISL_1304331, EPI_ISL_1304333, EPI_ISL_1304340, EPI_ISL_1304351, EPI_ISL_1304355, EPI_ISL_1304377, EPI_ISL_1304378, EPI_ISL_1304379, EPI_ISL_1304384, EPI_ISL_1304386, EPI_ISL_1304387, EPI_ISL_1304388, EPI_ISL_1304394, EPI_ISL_1304400, EPI_ISL_1305167, EPI_ISL_1305169, EPI_ISL_1305170, EPI_ISL_1305176, EPI_ISL_1305192, EPI_ISL_1305193, EPI_ISL_1305194, EPI_ISL_1305195, EPI_ISL_1305197, EPI_ISL_1305203, EPI_ISL_1305204, EPI_ISL_1305206, EPI_ISL_1305237, EPI_ISL_1305239, EPI_ISL_1305241, EPI_ISL_1305250, EPI_ISL_1305251, EPI_ISL_1305255, EPI_ISL_1305268, EPI_ISL_1305274, EPI_ISL_1305275, EPI_ISL_1305278, EPI_ISL_1305279, EPI_ISL_1305286, EPI_ISL_1305298, EPI_ISL_1305301, EPI_ISL_1305335, EPI_ISL_1305397, EPI_ISL_1305400, EPI_ISL_1305401, EPI_ISL_1305758			
see above	Houston Methodist Hospital	Houston Methodist Hospital	S. Wesley Long, Randall J. Olsen, Paul A. Christensen, Shishir Subedi, Robert Olson, James J. Davis, Matthew Ojeda Saavedra, Prasanti Yerramilli, Layne Pruitt, Kristina Reppond, Madison N. Shyer, Jessica Cambric, Ilya J. Finkelstein, Jimmy Golilhar, and James M. Musser
EPI_ISL_1305791, EPI_ISL_1305794, EPI_ISL_1305807	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_1305902	Johns Hopkins Hospital Department of Pathology	Johns Hopkins Hospital Department of Pathology	C. Paul Morris, Chun Huai Luo, Adannaya Amadi, Matthew Schwartz, Heba H. Mostafa
EPI_ISL_1307935, EPI_ISL_1307936	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 Salvini Antonio Limone Luigi Atripaldi Pellegrino Cerino Andrea Ballabio Davide Cacchiarelli
EPI_ISL_1308491, EPI_ISL_1308494, EPI_ISL_1308496, EPI_ISL_1308497	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_1308646, EPI_ISL_1308666, EPI_ISL_1308674	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_1308774, EPI_ISL_1308775, EPI_ISL_1308783, EPI_ISL_1308807, EPI_ISL_1308808, EPI_ISL_1308809	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_1308930	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, Jennifer 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_1309123	University College London, Great Ormond Street Hospital for Children NHS Foundation Trust, Imperial College Healthcare NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Sergi Castellano, Rachel Williams, Mark Kristiansen, Paola Resende Silva, Sunando Roy, Tony Brooks, Helena Tutill, Paola Niola, Patricia Dyal, Charlotte Williams, Leysa Forrest, Yasmin Panchbhaya, Jacqueline Findlay, Samuel Weeks, Julianne Brown, Kathryn Harris, Paul Randell, James Price, Alison Holmes, Judith Breuer
EPI_ISL_1309450, EPI_ISL_1309506	Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust	COVID-19 Genomics UK (COG-UK) Consortium	Darren L Smith, Andrew Nelson, Matthew Bashton, Greg R Young, Joshua Loh, John Allan, Mohammad A Tariq, Giles S Holt, Gary Black, Wen C Yew, Lynn Dover, Paul Baker, Steve Liggett, Sarah Essex, Jane Greenaway, Debra Padgett, Clive Graham, Garren Scott, Edward Barton, Emma Swindells, Brendan Payne, Jennifer Collins, Yusri Taha, Gary Eltringham
EPI_ISL_1309661	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_1309709, EPI_ISL_1309711	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_1309785, EPI_ISL_1309786, EPI_ISL_1309787, EPI_ISL_1309789, EPI_ISL_1309790, EPI_ISL_1309791	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, Jennifer 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_1310332, EPI_ISL_1310333, EPI_ISL_1310334, EPI_ISL_1310337, EPI_ISL_1310338, EPI_ISL_1310339, EPI_ISL_1310340, EPI_ISL_1310341, EPI_ISL_1310352, EPI_ISL_1310355, EPI_ISL_1310357, EPI_ISL_1310358, EPI_ISL_1310359, EPI_ISL_1310361, EPI_ISL_1310442, EPI_ISL_1310443			
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_1312722, EPI_ISL_1312723, EPI_ISL_1312726, EPI_ISL_1312728, EPI_ISL_1312729	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 Ansonē, Davids Fridmanis, Mikus Gavars, Dmitrijs Perminovs, Jurijs Perevoscikovs, Uga Dumpis, Janis Klovins
EPI_ISL_1312735, EPI_ISL_1312738, EPI_ISL_1312745, EPI_ISL_1312746, EPI_ISL_1312756, EPI_ISL_1312759, EPI_ISL_1312761	BIOR	Latvian Biomedical Research and Study Centre	Janis Pjalkovskis, Nikita Zrelavs, Monta Ustinova, Ivars Silamikelis, Liga Birzniece, Kaspars Megnis, Una Krumina, Guntars Zarins, Vita Rovite, Lauma Freimane, Laila Silamikele, Laura Ansonē, Davids Fridmanis, Irena Meistere, Daina Pule, Jurijs Perevoscikovs, Uga Dumpis, Janis Klovins
EPI_ISL_1312948	CENTRE HOSPITALIER DE CANNES	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_1313256, EPI_ISL_1313274, EPI_ISL_1313296, EPI_ISL_1313304, EPI_ISL_1313305, EPI_ISL_1313310, EPI_ISL_1313318, EPI_ISL_1313319, EPI_ISL_1313321, EPI_ISL_1313333, EPI_ISL_1313420, EPI_ISL_1313468, EPI_ISL_1313496, EPI_ISL_1313501, EPI_ISL_1313502, EPI_ISL_1313508			
see above	Karolinska University Hospital	Karolinska University Hospital	Jan Albert, Tobias Allander, Annelie Bjerkner, Sandra Brodesson, Robert Dyrdak, Martin Ekman, Lynda Eneh, Lina Guerra Blomqvist, Karolina Ininbergs, Tanja Normark, Isak Sylvén, Zhibing Yun, Martina Wahlund, Valtteri Wirta
EPI_ISL_1313604	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_1313666	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_1314497, EPI_ISL_1314502, EPI_ISL_1314503, EPI_ISL_1314505, EPI_ISL_1314513, EPI_ISL_1314522	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_1314529	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_1314530	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_1314534	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_1315238, EPI_ISL_1315249, EPI_ISL_1315254	Anteja laboratorija (UAB Diagnostikos laboratorija)	Vilnius University Hospital Santaros Klinikos, Center of Laboratory Medicine	Ingrida Olendraite, Gytis Dudas, Rimvydas Norvilas, Dovile Ezerškyte, Daniel Naumovas, Ligitė Raugaite, Monika Katenaite, Mindaugas Stoskus, Laimonas Griskevicius
EPI_ISL_1315381, EPI_ISL_1315382	Division of Emerging Infectious Diseases, Bureau of Infectious Diseases Diagnosis Control, Korea Disease Control and Prevention Agency	Division of Emerging Infectious Diseases, Bureau of Infectious Diseases Diagnosis Control, Korea Disease Control and Prevention Agency	Ae Kyung Park, Il-Hwan Kim, Heui Man Kim, Jeong-Min Kim, Jeong-Ah Kim, Chae Young Lee, Jin Sun No, Eun-Jin Kim

EPI_ISL_1315429, EPI_ISL_1315433	Clinical Microbiology, Infection Prevention and Control	Section for Molecular Diagnostics	Björn Hallström, Jonas Björkman
EPI_ISL_1317562, EPI_ISL_1317563	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_1317564, EPI_ISL_1317565, EPI_ISL_1317566, EPI_ISL_1317567	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_1317568	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_1317569	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_1317570	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_1317571	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_1317572	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_1317573, EPI_ISL_1317574, EPI_ISL_1317575	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_1318245	NC State Laboratory of Public Health	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Brian Lynch, Anna Kelleher, Krista Queen, Anna Uehara, Peter Cook, Han Jia Justin Ng, Clinton R. Paden, Haibin Wang, Suixiang Tong
EPI_ISL_1318248	SD Public Health Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Brian Lynch, Anna Kelleher, Krista Queen, Anna Uehara, Peter Cook, Han Jia Justin Ng, Clinton R. Paden, Haibin Wang, Suixiang Tong
EPI_ISL_1318718, EPI_ISL_1318740	DeRisi Lab, University of California, San Francisco	DeRisi Lab, University of California, San Francisco	Sabrina Mann, Anthea Mitchell, Jamin Liu, Sara Sunshine, Matthew Laurie, Genay Pilarowski, Amy Kistler, Manu Vanaerschoot, Patrick Ayscue, Lucy Li, Eric Chow, IDseq Team, James Peng, Carina Marquez, Luis Rubio, Gabriel Chamie, Diane Jones, Jon Jacobo, Susana Rojas, Susy Rojas, Valerie Tulier-Laiwa, Douglas Black, Jackie Martinez, Maya Petersen, Diane Havlir, and Joseph DeRisi
EPI_ISL_1321462	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 Bustos, Rodrigo Fasce, Andres Castillo, Jorge Fernandez
EPI_ISL_1321760, EPI_ISL_1321770, EPI_ISL_1321786	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_1321866, EPI_ISL_1321882, EPI_ISL_1321897	TXDSHS	TXDSHS	Rashmi Tuladhar, Bonnie Oh, Jenny Zhang, Maliha Rahman, Mayela Pedrueza, Anita Pokharel, Myong Koag, Chun Wang, Rachel Lee, Grace Kubin
EPI_ISL_1321900, EPI_ISL_1321990	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 Ansona, Davids Fridmanis, Elna Dimina, Reinis Zeltmatis, Diana Dusacka, Juris Perevoscikovs, Uga Dumpis, Janis Klovins
EPI_ISL_1322018, EPI_ISL_1322019	Lab voor klinische biologie	Lab voor klinische biologie	Marija Janevska, Hannelore Hamerlinck, Bruno Verhasselt
EPI_ISL_1322210, EPI_ISL_1322212	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_1322289, EPI_ISL_1322295, EPI_ISL_1322299, EPI_ISL_1322300, EPI_ISL_1322301, EPI_ISL_1322302, EPI_ISL_1322303, EPI_ISL_1322304	Dept. of Microbiology and Infection Control, Akershus University Hospital HF	Dept. of Microbiology and Infection Control, Akershus University Hospital HF	Hege Vangstein Aamot, Alexander Hesselberg Løvestad
EPI_ISL_1322478, EPI_ISL_1322495, EPI_ISL_1322496, EPI_ISL_1322497, EPI_ISL_1322498, EPI_ISL_1322499, EPI_ISL_1322500, EPI_ISL_1322501, EPI_ISL_1322502, EPI_ISL_1322503, EPI_ISL_1322576, EPI_ISL_1322578, EPI_ISL_1322589, EPI_ISL_1322590, EPI_ISL_1322591, EPI_ISL_1322592, EPI_ISL_1322593, EPI_ISL_1322594, EPI_ISL_1322595, EPI_ISL_1322641, EPI_ISL_1322642	see above	see above	see above
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-Carreras, Piet Maes
EPI_ISL_1323112, EPI_ISL_1323113, EPI_ISL_1323114, EPI_ISL_1323115	CHU Purpan - Laboratoire de Virologie - Institut Fédératif de Biologie	CHU Purpan - Laboratoire de Virologie - Institut Fédératif de Biologie	Latour J., Ranger N., Dubois M., Carcenac R., Harter A., Boyer P., Tremeaux P., Izopet J.
EPI_ISL_1323552, EPI_ISL_1323553	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, LAZREK Mouna, NOBILIAUX Florian, PREVOST Brigitte, THUILLIER Caroline, TINEZ Claire
EPI_ISL_1323554	CH VALENCIENNES	CHU Lille - Laboratoire de Virologie	AIT YAHYA Emilie, ALIDJINOUE Enagnon Kazali, BOCKET Laurence, CREPIN Michel, DEMAY Christophe, ENGELMANN Ilka, GEFFROY Sandrine, GUIGON Aurélie, LAZREK Mouna, NOBILIAUX Florian, PREVOST Brigitte, THUILLIER Caroline, TINEZ Claire
EPI_ISL_1323563, EPI_ISL_1323564	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, LAZREK Mouna, NOBILIAUX Florian, PREVOST Brigitte, THUILLIER Caroline, TINEZ Claire
EPI_ISL_1323629	Montana Public Health Laboratory	Montana Public Health Laboratory	Joy Ritter, Michelle Mozer, Carrie Biskupiak, Deborah Gibson
EPI_ISL_1323964	Hospital Universitari Vall d'Hebron	Hospital Universitari Vall d'Hebron	Cristina Andrés, Maria Piñana, Josep F Abril, Damir Garcia-Cehic, Ariadna Rando, Juliana Esperalba, Maria Gema Codina, Carla Castillo, Maria Carmen Martín, Tomás Pumarola, Josep Quer, Andrés Antón
EPI_ISL_1323987, EPI_ISL_1323999, EPI_ISL_1324000	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_1324025, EPI_ISL_1324028	SC Microbiologia e Virologia AOISS	SC Microbiologia e Virologia AOISS	Salvatore Rubino; Marcello Abbondio; Flavia Angioi; Laura Firino; Rosalba Govoni; Gabriele Ibbia; Vincenzo Lai; Erica Mura; Bianca Paglietti; Claudia Piu; Anna Puggioni; Elena Rimini; Giulia Rocca; Rosangela Sau; Caterina Serra; Sergio Uzzau.
EPI_ISL_1324574	Vilnius University Hospital Santaros Klinikos, Center of Laboratory Medicine	Vilnius University Hospital Santaros Klinikos, Center of Laboratory Medicine	Daniel Naumovas, Ingrida Olendraitė, Gytis Dudas, Rimvydas Norvilas, Dovile Ezerskyte, Ligita Raugaite, Monika Katenaite, Mindaugas Stoksus, Laimonas Griskevicius
EPI_ISL_1324882, EPI_ISL_1325007, EPI_ISL_1325064	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_1328971	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_1332606	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_1332858, EPI_ISL_1332859, EPI_ISL_1332860, EPI_ISL_1332861, EPI_ISL_1332862, EPI_ISL_1332863, EPI_ISL_1332864, EPI_ISL_1332867, EPI_ISL_1332870, EPI_ISL_1332877, EPI_ISL_1332879			

[illegible]

Surveillance Team			
EPI_ISL_1333990	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_1334383, EPI_ISL_1334384	Laboratorios Lister	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_1334616, EPI_ISL_1334617, EPI_ISL_1334621, EPI_ISL_1334634, EPI_ISL_1334643, EPI_ISL_1334672, EPI_ISL_1334721, EPI_ISL_1334722, EPI_ISL_1334723, EPI_ISL_1334724, EPI_ISL_1334725, EPI_ISL_1334726, EPI_ISL_1334727, EPI_ISL_1334812, EPI_ISL_1334813, EPI_ISL_1334972, EPI_ISL_1334973, EPI_ISL_1334974, EPI_ISL_1334975, EPI_ISL_1334976, EPI_ISL_1334977, EPI_ISL_1334978, EPI_ISL_1334979, EPI_ISL_1334980, EPI_ISL_1334981, EPI_ISL_1334982, EPI_ISL_1334983, EPI_ISL_1334984, EPI_ISL_1334985, EPI_ISL_1334986, EPI_ISL_1334987, EPI_ISL_1334988, EPI_ISL_1334989, EPI_ISL_1334990, EPI_ISL_1334991, EPI_ISL_1334992, EPI_ISL_1334993, EPI_ISL_1334994, EPI_ISL_1334995, EPI_ISL_1334996, EPI_ISL_1334997, EPI_ISL_1334998, EPI_ISL_1334999, EPI_ISL_1335000, EPI_ISL_1335001, EPI_ISL_1335003			
see above	Public Health Ontario Laboratory	Public Health Ontario Laboratory	Vanessa G Allen, Philip Banh, Yao Chen, Richard de Borja, Alireza Eshaghi, Nahuel Fittipaldi, Christine Frantz, Jonathan B Gubbay, Jennifer L Guthrie, Lawrence Heisler, Esha Joshi, Michael Laszloffy, Aimin Li, Michael CY Li, Dean Maxwell, Sandeep Nagra, Samir N Patel, Jared Simpson, Karthikeyan Sivaraman, Ashleigh Sullivan, Yogi Sundaravadanam, Sarah Teatero, Andre Villegas, Matthew Watson, Sandra Zittermann
EPI_ISL_1336097	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_1336491, EPI_ISL_1336492, EPI_ISL_1336494, EPI_ISL_1336496, EPI_ISL_1336501	Microbiology Department, University Hospital Donostia	Microbiology Department, University Hospital Donostia	Marimon JM, Montes M, Piñeiro L, Sorrairain A, Gomez M, Cilla G.
EPI_ISL_1336798, EPI_ISL_1336799	Prince Hamzah Hospital	Alanagreh	Loai Alanagreh, Mustafa Ababneh, Abdel-Ellah Al-Shudifat , Mai Ajiunay, Hanan Abu alshaikh, Foad Alzoughool, Mohammad-Borhan Al-zghoul, Manar Atoum
EPI_ISL_1337448, EPI_ISL_1337449	LHUB-ULB	UAntwerp, Laboratory of Medical Microbiology	Basil Britto Xavier, Jasmine Coppens, Marie Le Mercier, Christine Lammens, Veerle Matheeuessen, Herman Goossens
EPI_ISL_1339365, EPI_ISL_1339388, EPI_ISL_1339389, EPI_ISL_1339391, EPI_ISL_1339392, EPI_ISL_1339394, EPI_ISL_1339395, EPI_ISL_1339396, EPI_ISL_1339398, EPI_ISL_1339399, EPI_ISL_1339401, EPI_ISL_1339402, EPI_ISL_1339404, EPI_ISL_1339405, EPI_ISL_1339407, EPI_ISL_1339408, EPI_ISL_1339410, EPI_ISL_1339411			
see above	Vault Health	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1341045	1. Główny Inspektorat Sanitarny; 2. Diagnostyka. Laboratoria Medyczne.	1. ViroGenetics - BSL3 Laboratory of Virology, Maopolska Centre of Biotechnology, Jagiellonian University; 2. Diagtron Laboratoria Lukasz Rabalski	Rabalski L., Gromowski,T., Mazur-Panasjuk,N., Kowalski,M., Maciej Kosinski, Natalia Derewonko, Szulc,P., Sylwia Januszczak, Labaj,P.P., Pyrc,K.
EPI_ISL_1341234, EPI_ISL_1341236, EPI_ISL_1341260, EPI_ISL_1341268	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Shah Mohamed Bakhsh, Michelle Lin, Noah Baker, Sean Ellis, Saraswathi Sathees, Meei-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_1346376	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_1347451, EPI_ISL_1347454, EPI_ISL_1347458, EPI_ISL_1347459, EPI_ISL_1347460, EPI_ISL_1347461, EPI_ISL_1347462, EPI_ISL_1347464, EPI_ISL_1347465, EPI_ISL_1347466, EPI_ISL_1347467, EPI_ISL_1347468, EPI_ISL_1347469, EPI_ISL_1347470			
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_1347541	ZOTZ KLIMAS MVZ Düsseldorf-Centrum GbR ÜBAG für Labormedizin, Genetik, Zytologie, Pathologie	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Maximilian Damagnez;Alexander Dilthey;Patrick Finzer;Katrin Hoffmann;Torsten Houwaart;Lisanna Hülse;Malte Kohns Vasconcelos;Nadine Lübke;Jessica Nicolai;Klaus Pfeffer;Daniel Strelow;Jörg Timm;Andreas Walker;Tobias Wienemann;Rainer Zotz
EPI_ISL_1347711, EPI_ISL_1347713, EPI_ISL_1347714, EPI_ISL_1347716, EPI_ISL_1347717, EPI_ISL_1347720, EPI_ISL_1347721, EPI_ISL_1347722, EPI_ISL_1347723, EPI_ISL_1347724, EPI_ISL_1347725, EPI_ISL_1347726, EPI_ISL_1347727, EPI_ISL_1347729, EPI_ISL_1347731, EPI_ISL_1347732, EPI_ISL_1347734			
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_1347752, EPI_ISL_1347753	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_1349119	Bayerisches Landesamt für Gesundheit und Lebensmittelsicherheit (LGL)	Robert Koch Institute	unknown
EPI_ISL_1350048	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1350157	IMD - MVZ Labor Greifswald	Robert Koch Institute	unknown
EPI_ISL_1350924, EPI_ISL_1350927, EPI_ISL_1350934	Niedersächsisches Landesgesundheitsamt (NLGA)	Robert Koch Institute	unknown
EPI_ISL_1351003	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1351994, EPI_ISL_1352014, EPI_ISL_1352021, EPI_ISL_1352030, EPI_ISL_1352056	Labor Dr. Schumacher MVZ	Robert Koch Institute	unknown
EPI_ISL_1352242, EPI_ISL_1352243, EPI_ISL_1352281, EPI_ISL_1352288, EPI_ISL_1352290, EPI_ISL_1352323, EPI_ISL_1353023, EPI_ISL_1353034, EPI_ISL_1353042, EPI_ISL_1353051, EPI_ISL_1353052, EPI_ISL_1353054			
see above	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1353202	MVZ Medizinisches Labor Hannover GmbH	Robert Koch Institute	unknown
EPI_ISL_1353265	Uniklinikum Jena	Robert Koch Institute	unknown
EPI_ISL_1353678, EPI_ISL_1353767, EPI_ISL_1353785, EPI_ISL_1353863, EPI_ISL_1353959, EPI_ISL_1353988	Labor 28 MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1353990	Sonic - Bioscientia - MVZ Labor Saar GmbH	Robert Koch Institute	unknown
EPI_ISL_1353995	Sonic - Labor Staber Dresden (Klipphausen)	Robert Koch Institute	unknown
EPI_ISL_1354079, EPI_ISL_1354160	Sonic - Bioscientia - MVZ Labor Saar GmbH	Robert Koch Institute	unknown
EPI_ISL_1354199	Sonic - Labor Staber Dresden (Klipphausen)	Robert Koch Institute	unknown
EPI_ISL_1354209	Sonic - Bioscientia - MVZ Labor Saar GmbH	Robert Koch Institute	unknown
EPI_ISL_1354270, EPI_ISL_1354271, EPI_ISL_1354273	Virologisches Institut des Universitätsklinikums Erlangen	Robert Koch Institute	unknown
EPI_ISL_1354525	SYNLAB MVZ Neustadt a. d. Weinstraße	Robert Koch Institute	unknown
EPI_ISL_1354526	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown

EPI_ISL_1354529, EPI_ISL_1354537, EPI_ISL_1354545	SYNLAB MVZ Neustadt a. d. Weinstraße	Robert Koch Institute	unknown
EPI_ISL_1354617	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1356620	Laborarztpraxis Jochen Hüter	Robert Koch Institute	unknown
EPI_ISL_1357053	Diagnosticum - Labor Neukirchen	Robert Koch Institute	unknown
EPI_ISL_1357676, EPI_ISL_1357677, EPI_ISL_1357678	Institute of Virology, Medical Center, University of Freiburg, Freiburg, Germany	Institute of Virology, Clinial Virus Genomics, Medical Center, University of Freiburg, Freiburg, Germany	Jonas Fuchs, Lisa Kern, Sandra Reuter, Hajo Grundmann, Marcus Panning
EPI_ISL_1360470, EPI_ISL_1360490, EPI_ISL_1360536, EPI_ISL_1360707, EPI_ISL_1360739, EPI_ISL_1360794, EPI_ISL_1360798, EPI_ISL_1360822, EPI_ISL_1360859, EPI_ISL_1360915, EPI_ISL_1360918, EPI_ISL_1361065, EPI_ISL_1361070, EPI_ISL_1361090, EPI_ISL_1361091, EPI_ISL_1361114, EPI_ISL_1361116, EPI_ISL_1361117, EPI_ISL_1361128, EPI_ISL_1361145, EPI_ISL_1361150, EPI_ISL_1361211, EPI_ISL_1361268, EPI_ISL_1361282, EPI_ISL_1361393, EPI_ISL_1361395, EPI_ISL_1361397, EPI_ISL_1361405, EPI_ISL_1361412, EPI_ISL_1361418, EPI_ISL_1361419, EPI_ISL_1361424			
see above	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Ivan Topolsky, Emmanouil Dermitzakis, Keith Harshman, Ioannis Xenarios, Henri Pegeot, Lorenzo Cerutti, Deborah Penet, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1362471, EPI_ISL_1362473, EPI_ISL_1362474, EPI_ISL_1362475, EPI_ISL_1362476, EPI_ISL_1362477, EPI_ISL_1362478, EPI_ISL_1362481	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_1363785	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_1364967	Bundeswehr Institute of Microbiology	Bundeswehr Institute of Microbiology	Markus Antwerpen, Alexandra Rehn, Mathias Walter, Malena Bestehorn-Willmann, Mike Pillukat, Sabine Zange, Enrico Georgi, Roman Wöfl
EPI_ISL_1364976, EPI_ISL_1364977	Universitätsklinikum Knappschafts Krankenhaus Bochum	Bundeswehr Institute of Microbiology	Markus Antwerpen, Alexandra Rehn, Mathias Walter, Malena Bestehorn-Willmann, Mike Pillukat, Sabine Zange, Enrico Georgi, Roman Wöfl
EPI_ISL_1364983	Bundeswehrkrankenhaus Berlin	Bundeswehr Institute of Microbiology	Markus Antwerpen, Alexandra Rehn, Mathias Walter, Malena Bestehorn-Willmann, Mike Pillukat, Sabine Zange, Enrico Georgi, Roman Wöfl
EPI_ISL_1365012	Bundeswehrzentral Krankenhaus Koblenz	Bundeswehr Institute of Microbiology	Markus Antwerpen, Alexandra Rehn, Mathias Walter, Malena Bestehorn-Willmann, Mike Pillukat, Sabine Zange, Enrico Georgi, Roman Wöfl
EPI_ISL_1365327	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_1365432, EPI_ISL_1365438, EPI_ISL_1365442, EPI_ISL_1365443	Mayo Clinic & Mayo Clinic Laboratories	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1366087	TXDSHS	TXDSHS	Rashmi Tuladhar, Bonnie Oh, Jenny Zhang, Maliha Rahman, Mayela Pedrueza, Anita Pokharel, Loarraine Rodriguez, Myong Koag, Chun Wang, Rachel Lee, Grace Kubin
EPI_ISL_1367486	Illinois Department of Public Health	Gagnon Lab, Southern Illinois University	Keith Gagnon
EPI_ISL_1367660, EPI_ISL_1367748, EPI_ISL_1367750, EPI_ISL_1367756, EPI_ISL_1367757, EPI_ISL_1367760, EPI_ISL_1367767, EPI_ISL_1367768, EPI_ISL_1367771, EPI_ISL_1367782, EPI_ISL_1367861			
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_1368642, EPI_ISL_1368644, EPI_ISL_1368645, EPI_ISL_1368646, EPI_ISL_1368648, EPI_ISL_1368650, EPI_ISL_1368651, EPI_ISL_1368652, EPI_ISL_1368653, EPI_ISL_1368654, EPI_ISL_1368655, EPI_ISL_1368656, EPI_ISL_1368657, EPI_ISL_1368658, EPI_ISL_1368660, EPI_ISL_1368662, EPI_ISL_1368663, EPI_ISL_1368664, EPI_ISL_1368665, EPI_ISL_1368676, EPI_ISL_1368677, EPI_ISL_1368678, EPI_ISL_1368679, EPI_ISL_1368680, EPI_ISL_1368682, EPI_ISL_1368683, EPI_ISL_1368684, EPI_ISL_1368685, EPI_ISL_1368686, EPI_ISL_1368687, EPI_ISL_1368688, EPI_ISL_1368689, EPI_ISL_1368690, EPI_ISL_1368691, EPI_ISL_1368692, EPI_ISL_1368696, EPI_ISL_1368697, EPI_ISL_1368698, EPI_ISL_1368699, EPI_ISL_1368700, EPI_ISL_1368701, EPI_ISL_1368702, EPI_ISL_1368703, EPI_ISL_1368704, EPI_ISL_1368706, EPI_ISL_1368707, EPI_ISL_1368710, EPI_ISL_1368711, EPI_ISL_1368712, EPI_ISL_1368713, EPI_ISL_1368714, EPI_ISL_1368715, EPI_ISL_1368716, EPI_ISL_1368717, EPI_ISL_1368718, EPI_ISL_1368719, EPI_ISL_1368720, EPI_ISL_1368721, EPI_ISL_1368722, EPI_ISL_1368723, EPI_ISL_1368724, EPI_ISL_1368725, EPI_ISL_1368726, EPI_ISL_1368727, EPI_ISL_1368728, EPI_ISL_1368729, EPI_ISL_1368730, EPI_ISL_1368731, EPI_ISL_1368732, EPI_ISL_1368733, EPI_ISL_1368734, EPI_ISL_1368735, EPI_ISL_1368736, EPI_ISL_1368737, EPI_ISL_1368738, EPI_ISL_1368739, EPI_ISL_1368740, EPI_ISL_1368741, EPI_ISL_1368742, EPI_ISL_1368743, EPI_ISL_1368744, EPI_ISL_1368745, EPI_ISL_1368746, EPI_ISL_1368747, EPI_ISL_1368748, EPI_ISL_1368749, EPI_ISL_1368750, EPI_ISL_1368751, EPI_ISL_1368752, EPI_ISL_1368753, EPI_ISL_1368754, EPI_ISL_1368755, EPI_ISL_1368756, EPI_ISL_1368757, EPI_ISL_1368758, EPI_ISL_1368759, EPI_ISL_1368760, EPI_ISL_1368761, EPI_ISL_1368762, EPI_ISL_1368763, EPI_ISL_1368764, EPI_ISL_1368765, EPI_ISL_1368766, EPI_ISL_1368767, EPI_ISL_1368768, EPI_ISL_1368769, EPI_ISL_1368770, EPI_ISL_1368771, EPI_ISL_1368772, EPI_ISL_1368773, EPI_ISL_1368774, EPI_ISL_1368775, EPI_ISL_1368776, EPI_ISL_1368777, EPI_ISL_1368778, EPI_ISL_1368779, EPI_ISL_1368780, EPI_ISL_1368781, EPI_ISL_1368782, EPI_ISL_1368783, EPI_ISL_1368784, EPI_ISL_1368785, EPI_ISL_1368786, EPI_ISL_1368787, EPI_ISL_1368788, EPI_ISL_1368789, EPI_ISL_1368790, EPI_ISL_1368791, EPI_ISL_1368792, EPI_ISL_1368793, EPI_ISL_1368794, EPI_ISL_1368795, EPI_ISL_1368796, EPI_ISL_1368797, EPI_ISL_1368798, EPI_ISL_1368799, EPI_ISL_1368800, EPI_ISL_1368801, EPI_ISL_1368802, EPI_ISL_1368803, EPI_ISL_1368804, EPI_ISL_1368805, EPI_ISL_1368806, EPI_ISL_1368807, EPI_ISL_1368808, EPI_ISL_1368809, EPI_ISL_1368810, EPI_ISL_1368811, EPI_ISL_1368812, EPI_ISL_1368813, EPI_ISL_1368814, EPI_ISL_1368815, EPI_ISL_1368816, EPI_ISL_1368817, EPI_ISL_1368818, EPI_ISL_1368819, EPI_ISL_1368820, EPI_ISL_1368821, EPI_ISL_1368822, EPI_ISL_1368823, EPI_ISL_1368824, EPI_ISL_1368825, EPI_ISL_1368826, EPI_ISL_1368827, EPI_ISL_1368828, EPI_ISL_1368829, EPI_ISL_1368830, EPI_ISL_1368831, EPI_ISL_1368832, EPI_ISL_1368833, EPI_ISL_1368834, EPI_ISL_1368835, EPI_ISL_1368836, EPI_ISL_1368837, EPI_ISL_1368838, EPI_ISL_1368839, EPI_ISL_1368840, EPI_ISL_1368841, EPI_ISL_1368842, EPI_ISL_1368843, EPI_ISL_1368844, EPI_ISL_1368845, EPI_ISL_1368846, EPI_ISL_1368847, EPI_ISL_1368848, EPI_ISL_1368849, EPI_ISL_1368850, EPI_ISL_1368851, EPI_ISL_1368852, EPI_ISL_1368853, EPI_ISL_1368854, EPI_ISL_1368855, EPI_ISL_1368856, EPI_ISL_1368857, EPI_ISL_1368858, EPI_ISL_1368859, EPI_ISL_1368860, EPI_ISL_1368861, EPI_ISL_1368862, EPI_ISL_1368863, EPI_ISL_1368864, EPI_ISL_1368865, EPI_ISL_1368866, EPI_ISL_1368867, EPI_ISL_1368868, EPI_ISL_1368869, EPI_ISL_1368870, EPI_ISL_1368871, EPI_ISL_1368872, EPI_ISL_1368873, EPI_ISL_1368874, EPI_ISL_1368875, EPI_ISL_1368876, EPI_ISL_1368877, EPI_ISL_1368878, EPI_ISL_1368879, EPI_ISL_1368880, EPI_ISL_1368881, EPI_ISL_1368882, EPI_ISL_1368883, EPI_ISL_1368884, EPI_ISL_1368885, EPI_ISL_1368886, EPI_ISL_1368887, EPI_ISL_1368888, EPI_ISL_1368889, EPI_ISL_1368890, EPI_ISL_1368891, EPI_ISL_1368892, EPI_ISL_1368893, EPI_ISL_1368894, EPI_ISL_1368895, EPI_ISL_1368896, EPI_ISL_1368897, EPI_ISL_1368898, EPI_ISL_1368899, EPI_ISL_1368900, EPI_ISL_1368901, EPI_ISL_1368902, EPI_ISL_1368903, EPI_ISL_1368904, EPI_ISL_1368905, EPI_ISL_1368906, EPI_ISL_1368907, EPI_ISL_1368908, EPI_ISL_1368909, EPI_ISL_1368910, EPI_ISL_1368911, EPI_ISL_1368912, EPI_ISL_1368913, EPI_ISL_1368914, EPI_ISL_1368915, EPI_ISL_1368916, EPI_ISL_1368917, EPI_ISL_1368918, EPI_ISL_1368919, EPI_ISL_1368920, EPI_ISL_1368921, EPI_ISL_1368922, EPI_ISL_1368923, EPI_ISL_1368924, EPI_ISL_1368925, EPI_ISL_1368926, EPI_ISL_1368927, EPI_ISL_1368928, EPI_ISL_1368929, EPI_ISL_1368930, EPI_ISL_1368931, EPI_ISL_1368932, EPI_ISL_1368933, EPI_ISL_1368934, EPI_ISL_1368935, EPI_ISL_1368936, EPI_ISL_1368937, EPI_ISL_1368938, EPI_ISL_1368939, EPI_ISL_1368940, EPI_ISL_1368941, EPI_ISL_1368942, EPI_ISL_1368943, EPI_ISL_1368944, EPI_ISL_1368945, EPI_ISL_1368946, EPI_ISL_1368947, EPI_ISL_1368948, EPI_ISL_1368949, EPI_ISL_1368950, EPI_ISL_1368951, EPI_ISL_1368952, EPI_ISL_1368953, EPI_ISL_1368954, EPI_ISL_1368955, EPI_ISL_1368956, EPI_ISL_1368957, EPI_ISL_1368958, EPI_ISL_1368959, EPI_ISL_1368960, EPI_ISL_1368961, EPI_ISL_1368962, EPI_ISL_1368963, EPI_ISL_1368964, EPI_ISL_1368965, EPI_ISL_1368966, EPI_ISL_1368967, EPI_ISL_1368968, EPI_ISL_1368969, EPI_ISL_1368970, EPI_ISL_1368971, EPI_ISL_1368972, EPI_ISL_1368973, EPI_ISL_1368974, EPI_ISL_1368975, EPI_ISL_1368976, EPI_ISL_1368977, EPI_ISL_1368978, EPI_ISL_1368979, EPI_ISL_1368980, EPI_ISL_1368981, EPI_ISL_1368982, EPI_ISL_1368983, EPI_ISL_1368984, EPI_ISL_1368985, EPI_ISL_1368986, EPI_ISL_1368987, EPI_ISL_1368988, EPI_ISL_1368989, EPI_ISL_1368990, EPI_ISL_1368991, EPI_ISL_1368992, EPI_ISL_1368993, EPI_ISL_1368994, EPI_ISL_1368995, EPI_ISL_1368996, EPI_ISL_1368997, EPI_ISL_1368998, EPI_ISL_1368999, EPI_ISL_1369000, EPI_ISL_1369001, EPI_ISL_1369002, EPI_ISL_1369003, EPI_ISL_1369004, EPI_ISL_1369005, EPI_ISL_1369006, EPI_ISL_1369007, EPI_ISL_1369008, EPI_ISL_1369009, EPI_ISL_1369010, EPI_ISL_1369011, EPI_ISL_1369012, EPI_ISL_1369013, EPI_ISL_1369014, EPI_ISL_1369015, EPI_ISL_1369016, EPI_ISL_1369017, EPI_ISL_1369018, EPI_ISL_1369019, EPI_ISL_1369020, EPI_ISL_1369021, EPI_ISL_1369022, EPI_ISL_1369023, EPI_ISL_1369024, EPI_ISL_1369025, EPI_ISL_1369026, EPI_ISL_1369027, EPI_ISL_1369028, EPI_ISL_1369029, EPI_ISL_1369030, EPI_ISL_1369031, EPI_ISL_1369032, EPI_ISL_1369033, EPI_ISL_1369034, EPI_ISL_1369035, EPI_ISL_1369036, EPI_ISL_1369037			
see above	Public Health Ontario Laboratory	Public Health Ontario Laboratory	Vanessa G Allen, Philip Banh, Yao Chen, Richard de Borja, Alireza Eshaghi, Nahuel Fittipaldi, Christine Frantz, Jonathan B Gubbay, Jennifer L Guthrie, Lawrence Heisler, Esha Joshi, Michael Laszloffy, Aimin Li, Michael CY Li, Dean Maxwell, Sandeep Nagra, Samir N Patel, Jared Simpson, Karthikeyan Sivaraman, Asleigh Sullivan, Yogi Sundaravadanam, Sarah Teatero, Andre Villegas, Matthew Watson, Sandra Zittermann
EPI_ISL_1369072, EPI_ISL_1369073, EPI_ISL_1369083, EPI_ISL_1369084, EPI_ISL_1369127, EPI_ISL_1369129, EPI_ISL_1369134, EPI_ISL_1369136, EPI_ISL_1369138, EPI_ISL_1369141, EPI_ISL_1369158			
see above	Lab voor klinische biologie	Lab voor klinische biologie	Marija Janevska, Hannelore Hamerlinck, Bruno Verhasselt
EPI_ISL_1369221	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, LAZREK Mouna, NOBILIAUX Florian, PREVOST Brigitte, THUILLIER Caroline, TINEZ Claire
EPI_ISL_1369225	Labo Marquise	CHU Lille - Laboratoire de Virologie	AIT YAHYA Emilie, ALIDJINOUE Enagnon Kazali, BOCKET Laurence, CREPIN Michel, DEMAY Christophe, ENGELMANN Ilka, GEFFROY Sandrine, GUIGON Aurélie, LAZREK Mouna, NOBILIAUX Florian, PREVOST Brigitte, THUILLIER Caroline, TINEZ Claire
EPI_ISL_1369264	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, LAZREK Mouna, NOBILIAUX Florian, PREVOST Brigitte, THUILLIER Caroline, TINEZ Claire
EPI_ISL_1369271	CH Valenciennes	CHU Lille - Laboratoire de Virologie	AIT YAHYA Emilie, ALIDJINOUE Enagnon Kazali, BOCKET Laurence, CREPIN Michel, DEMAY Christophe, ENGELMANN Ilka, GEFFROY Sandrine, GUIGON Aurélie, LAZREK Mouna, NOBILIAUX Florian, PREVOST Brigitte, THUILLIER Caroline, TINEZ Claire
EPI_ISL_1369274, EPI_ISL_1369275, EPI_ISL_1369276, EPI_ISL_1369281, EPI_ISL_1369282	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, LAZREK Mouna, NOBILIAUX Florian, PREVOST Brigitte, THUILLIER Caroline, TINEZ Claire
EPI_ISL_1369292	CH BOULOGNE SUR MER	CHU Lille - Laboratoire de Virologie	AIT YAHYA Emilie, ALIDJINOUE Enagnon Kazali, BOCKET Laurence, CREPIN Michel, DEMAY Christophe, ENGELMANN Ilka, GEFFROY Sandrine, GUIGON Aurélie, LAZREK Mouna, NOBILIAUX Florian, PREVOST Brigitte, THUILLIER Caroline, TINEZ Claire
EPI_ISL_1369366, EPI_ISL_1369367, EPI_ISL_1369368	Centro de Investigación Biomédica de La Rioja - Hospital San Pedro Logroño	SeqCOVID-SPAIN consortium/IBV(CSIC)	María de Toro, José Manuel Azcona Gutiérrez, María Pilar Bea Escudero, Miriam Blasco Alberdi and SeqCOVID-SPAIN consortium
EPI_ISL_1369390, EPI_ISL_1369391, EPI_ISL_1369414, EPI_ISL_1369431	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_1369465, EPI_ISL_1369466	EHN	Laboratory of genomics and metagenomics, Institute of Microbiology, University Hospital Centre and University of Lausanne, Switzerland	Trestan Pillonel, Damien Jacot, Sébastien Aeby, Gilbert Greub, Claire Bertelli
EPI_ISL_1369724, EPI_ISL_1369725, EPI_ISL_1369727, EPI_ISL_1369728, EPI_ISL_1369734, EPI_ISL_1369737, EPI_ISL_1369739, EPI_ISL_1369740, EPI_ISL_1369799, EPI_ISL_1369818, EPI_ISL_1369820, EPI_ISL_1369825, EPI_ISL_1369826, EPI_ISL_1369859, EPI_ISL_1369873, EPI_ISL_1369894, EPI_ISL_1369912, EPI_ISL_1369917, EPI_ISL_1369932, EPI_ISL_1369937, EPI_ISL_1369938, EPI_ISL_1369941, EPI_ISL_1369943, EPI_ISL_1369945, EPI_ISL_1369951, EPI_ISL_1369952, EPI_ISL_1369955, EPI_ISL_1369958, EPI_ISL_1369959, EPI_ISL_1370055, EPI_ISL_1370059, EPI_ISL_1370061			
see above	Dutch COVID-19 response team	National Institute for Public Health and the Environment	Adam Meijer, Harry Vennema, Dirk Eggink, Jeroen Cremer, Sharon van den Brink, Bas van der Veer, AnneMarie van den Brandt, Florian Zwagemaker,

EPI_ISL_1370214, EPI_ISL_1370221, EPI_ISL_1370223, EPI_ISL_1370227	CHUV	(RIVM) Laboratory of genomics and metagenomics, Institute of Microbiology, University Hospital Centre and University of Lausanne, Switzerland	Dennis Schmitz, Chantal Reusken, on behalf of the national COVID-19 response team Trestan Pilonel, Damien Jacot, Sébastien Aeby, Gilbert Greub, Claire Bertelli
EPI_ISL_1370293, EPI_ISL_1370356	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_1370357, EPI_ISL_1370359, EPI_ISL_1370361, EPI_ISL_1370363, EPI_ISL_1370365	CHUV	Laboratory of genomics and metagenomics, Institute of Microbiology, University Hospital Centre and University of Lausanne, Switzerland	Trestan Pilonel, Damien Jacot, Sébastien Aeby, Gilbert Greub, Claire Bertelli
EPI_ISL_1370464, EPI_ISL_1370470, EPI_ISL_1370503, EPI_ISL_1370509, EPI_ISL_1370515, EPI_ISL_1370519, EPI_ISL_1370555, EPI_ISL_1370595, EPI_ISL_1370619, EPI_ISL_1370686, EPI_ISL_1370692, EPI_ISL_1370695, EPI_ISL_1370699, EPI_ISL_1370707, EPI_ISL_1370708, EPI_ISL_1370747, EPI_ISL_1370752, EPI_ISL_1370807, EPI_ISL_1370810, EPI_ISL_1370816, EPI_ISL_1370817, EPI_ISL_1370818, EPI_ISL_1370819, EPI_ISL_1370826, EPI_ISL_1370827, EPI_ISL_1370835, EPI_ISL_1370836, EPI_ISL_1370841, EPI_ISL_1370842, EPI_ISL_1370843, EPI_ISL_1370844, EPI_ISL_1370845, EPI_ISL_1370853, EPI_ISL_1370854, EPI_ISL_1370855, EPI_ISL_1370861, EPI_ISL_1370863, EPI_ISL_1370871, EPI_ISL_1370872, EPI_ISL_1370873, EPI_ISL_1370874, EPI_ISL_1370882, EPI_ISL_1370883, EPI_ISL_1370888, EPI_ISL_1370894, EPI_ISL_1370895, EPI_ISL_1370896, EPI_ISL_1370905, EPI_ISL_1370906, EPI_ISL_1370914, EPI_ISL_1370915, EPI_ISL_1370924, EPI_ISL_1370931, EPI_ISL_1370932, EPI_ISL_1370939, EPI_ISL_1370940, EPI_ISL_1370944, EPI_ISL_1371070, EPI_ISL_1371071, EPI_ISL_1371077, EPI_ISL_1371078, EPI_ISL_1371085, EPI_ISL_1371096, EPI_ISL_1371101, EPI_ISL_1371107, EPI_ISL_1371351, EPI_ISL_1371360, EPI_ISL_1371371, EPI_ISL_1371382, EPI_ISL_1371392, EPI_ISL_1371599, EPI_ISL_1371604, EPI_ISL_1371630			
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_1372623	Maine Health and Environmental Testing Laboratory	Tewhey Lab, The Jackson Laboratory	Matluk,N., Dewey,H., Iosue,F., Barter,M., Lynch,R., Munger,H. and Tewhey,R.
EPI_ISL_1372905, EPI_ISL_1372914, EPI_ISL_1372916, EPI_ISL_1372918, EPI_ISL_1372926, EPI_ISL_1372927	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_1373045, EPI_ISL_1373046, EPI_ISL_1373056, EPI_ISL_1373058, EPI_ISL_1373059, EPI_ISL_1373066, EPI_ISL_1373069, EPI_ISL_1373082, EPI_ISL_1373083, EPI_ISL_1373084, EPI_ISL_1373085, EPI_ISL_1373086, EPI_ISL_1373087, EPI_ISL_1373088, EPI_ISL_1373105			
see above	Lab voor klinische biologie	Lab voor klinische biologie	Marija Janevska, Hannelore Hamerlinck, Bruno Verhasselt
EPI_ISL_1373523, EPI_ISL_1373524, EPI_ISL_1373525, EPI_ISL_1373526, EPI_ISL_1373527, EPI_ISL_1373528, EPI_ISL_1373529, EPI_ISL_1373530, EPI_ISL_1373531, EPI_ISL_1373532, EPI_ISL_1373533, EPI_ISL_1373534, EPI_ISL_1373535, EPI_ISL_1373536, EPI_ISL_1373537, EPI_ISL_1373538, EPI_ISL_1373539, EPI_ISL_1373540, EPI_ISL_1373541, EPI_ISL_1373542, EPI_ISL_1373543, EPI_ISL_1373544, EPI_ISL_1373545, EPI_ISL_1373546, EPI_ISL_1373582, EPI_ISL_1373583			
see above	Vault Health	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1373737, EPI_ISL_1373786	CDPH, Viral and Rickettsial Disease Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Brian Lynch, Anna Kelleher, Krista Queen, Anna Uehara, Peter Cook, Han Jia Justin Ng, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_1374112, EPI_ISL_1374147, EPI_ISL_1374275	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_1378619	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_1378678, EPI_ISL_1378679, EPI_ISL_1378681, EPI_ISL_1378682, EPI_ISL_1378683, EPI_ISL_1378684, EPI_ISL_1378685, EPI_ISL_1378686	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_1378846, EPI_ISL_1378847	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 Januszczyk, Labaj,P.P., Micha Kaszuba, Pyrc,K.
EPI_ISL_1379361, EPI_ISL_1379362	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 Rennett, Arryn Craney, Lars F Westblade
EPI_ISL_1379978	Flow Diagnostics Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1379980, EPI_ISL_1379982, EPI_ISL_1379983, EPI_ISL_1379984, EPI_ISL_1379985, EPI_ISL_1379986, EPI_ISL_1379987, EPI_ISL_1379988, EPI_ISL_1379989, EPI_ISL_1379990, EPI_ISL_1379991, EPI_ISL_1379992, EPI_ISL_1379997, EPI_ISL_1379998, EPI_ISL_1379999, EPI_ISL_1380000, EPI_ISL_1380001, EPI_ISL_1380002, EPI_ISL_1380003, EPI_ISL_1380004, EPI_ISL_1380005, EPI_ISL_1380006, EPI_ISL_1380008, EPI_ISL_1380010, EPI_ISL_1380012, EPI_ISL_1380013, EPI_ISL_1380014, EPI_ISL_1380015, EPI_ISL_1380016, EPI_ISL_1380017, EPI_ISL_1380018, EPI_ISL_1380019, EPI_ISL_1380020, EPI_ISL_1380021, EPI_ISL_1380022, EPI_ISL_1380023, EPI_ISL_1380024, EPI_ISL_1380025, EPI_ISL_1380026, EPI_ISL_1380028, EPI_ISL_1380029, EPI_ISL_1380030, EPI_ISL_1380031, EPI_ISL_1380034, EPI_ISL_1380035, EPI_ISL_1380036, EPI_ISL_1380038, EPI_ISL_1380039, EPI_ISL_1380040, EPI_ISL_1380042, EPI_ISL_1380043, EPI_ISL_1380045			
see above	SC Microbiologia e Virologia AOUSS	AMES Centro Poldiagnostico Strumentale S.r.l.	Salvatore Rubino; Flavia Angioj; Laura Firino; Rosalba Govoni; Gabriele Ibba; Vincenzo Lai; Erica Mura; Bianca Paglietti; Claudia Piu; Anna Puggioni; Elena Rimini; Giulia Rocca; Caterina Serra; Sergio Uzzau.
EPI_ISL_1380508, EPI_ISL_1380510, EPI_ISL_1380511, EPI_ISL_1380530, EPI_ISL_1380633, EPI_ISL_1380635, EPI_ISL_1380639, EPI_ISL_1380640, EPI_ISL_1380643, EPI_ISL_1380644, EPI_ISL_1380645, EPI_ISL_1380651, EPI_ISL_1380652, EPI_ISL_1380655, EPI_ISL_1380657, EPI_ISL_1380660, EPI_ISL_1380714, EPI_ISL_1380718, EPI_ISL_1380787, EPI_ISL_1380788, EPI_ISL_1380789, EPI_ISL_1380790, EPI_ISL_1380791, EPI_ISL_1380798, EPI_ISL_1380832, EPI_ISL_1380834			
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_1381265, EPI_ISL_1381274, EPI_ISL_1381276	Laboratoire Hospitalier Universitaire de Bruxelles (LHUB-ULB)	UAntwerp, Laboratory of Medical Microbiology	Basil Britto Xavier, Jasmine Coppens, Marie Le Mercier, Christine Lammens, Veerle Matheeußen, Herman Goossens
EPI_ISL_1381381, EPI_ISL_1381382, EPI_ISL_1381383, EPI_ISL_1381384	Laboratory for Respiratory Viruses, Cantacuzino National Military-Medical Institute for Research and Development	Cantacuzino Institute Virology	Luiza Ustea, Nicoleta Paraschiv, Catalina Pascu, Sorin Dinu, Mihaela Lazar
EPI_ISL_1382083	Virginia Division of Consolidated Laboratory Services	Virginia Division of Consolidated Laboratory Services	Virginia DCLS
EPI_ISL_1382704, EPI_ISL_1382706, EPI_ISL_1382707, EPI_ISL_1382708, EPI_ISL_1382712, EPI_ISL_1382713, EPI_ISL_1382715, EPI_ISL_1382717, EPI_ISL_1382718, EPI_ISL_1382719, EPI_ISL_1382720, EPI_ISL_1382724, EPI_ISL_1382728, EPI_ISL_1382730, EPI_ISL_1382731, EPI_ISL_1382732, EPI_ISL_1382733, EPI_ISL_1382734, EPI_ISL_1382735, EPI_ISL_1382738, EPI_ISL_1382741, EPI_ISL_1382742			
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_1383707, EPI_ISL_1383708, EPI_ISL_1383709, EPI_ISL_1383710, EPI_ISL_1383711, EPI_ISL_1383713, EPI_ISL_1383715, EPI_ISL_1383722, EPI_ISL_1383723, EPI_ISL_1383724, EPI_ISL_1383725, EPI_ISL_1383726			
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_1383963, EPI_ISL_1383970, EPI_ISL_1383971, EPI_ISL_1383973, EPI_ISL_1383974, EPI_ISL_1383978, EPI_ISL_1383981, EPI_ISL_1383982	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_1384121	Hospital Center Luxembourg	Laboratoire national de sante, Microbiology, Microbial Genomics Platform	Anke Wienecke-Baldacchino, Catherine Ragimbeau,Jessica Tapp, Fatu Djabi, Lise Pignon, Raoul Salmon, Michel Kohnen, Jean-Hugues Francois, Tamir Abdelrahman
EPI_ISL_1384157, EPI_ISL_1384159	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_1386591, EPI_ISL_1386592, EPI_ISL_1386593, EPI_ISL_1386594	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_1386701	National Platform bis UMONS/Jolimont	National Platform bis UMONS/Jolimont	François Dufrasne, Guillaume Bayon-Vicente, Gautier Detry, Ruddy Wattiez
EPI_ISL_1386733, EPI_ISL_1386791, EPI_ISL_1386794, EPI_ISL_1386795	Liverpool Clinical Laboratories	COVID-19 Genomics UK (COG-UK) Consortium	Sam Haldenby, Alistair Darby, Steve Paterson, Anita Lucaici, 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_1386844, EPI_ISL_1386863	University College London, Great Ormond Street Hospital for Children NHS Foundation Trust, Imperial College Healthcare NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Sergi Castellano, Rachel Williams, Mark Kristiansen, Paola Resende Silva, Sunando Roy, Tony Brooks, Helena Tutill, Paola Niola, Patricia Dyal, Charlotte Williams, Leysa Forrest, Yasmin Panchbhaya, Jacqueline Findlay, Samuel Weeks, Julianne Brown, Kathryn Harris, Paul Randell, James Price, Alison Holmes, Judith Breuer
EPI_ISL_1387167, EPI_ISL_1387168, EPI_ISL_1387169, EPI_ISL_1387170	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_1387178	National Platform bis UMONS/Jolimont	National Platform bis UMONS/Jolimont	François Dufrasne, Guillaume Bayon-Vicente, Gautier Detry, Ruddy Wattiez
EPI_ISL_1387204, EPI_ISL_1387205, EPI_ISL_1387207, EPI_ISL_1387208	Lincolnshire Hospitals and DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Nichola Duckworth, Tim Sloan, Sarah Walsh, Jonathan Ball, Patrick McClure, Joeseeph Chappell, Nadine Holmes, Matthew Carlisle, Christopher Moore, Fei Sang, Johnny Debebe, Victoria Wright, Matthew Loose
EPI_ISL_1387625, EPI_ISL_1387626, EPI_ISL_1387663, EPI_ISL_1387664, EPI_ISL_1387669, EPI_ISL_1387671, EPI_ISL_1387674, EPI_ISL_1387676, EPI_ISL_1387678, EPI_ISL_1387679, EPI_ISL_1387680, EPI_ISL_1387681, EPI_ISL_1387682, EPI_ISL_1387683, EPI_ISL_1387686, EPI_ISL_1387688, EPI_ISL_1387690, EPI_ISL_1387691, EPI_ISL_1387692, EPI_ISL_1387693, EPI_ISL_1387695, EPI_ISL_1387696, EPI_ISL_1387697, EPI_ISL_1387698, EPI_ISL_1387699, EPI_ISL_1387700, EPI_ISL_1387701, EPI_ISL_1387702, EPI_ISL_1387703, EPI_ISL_1387704, EPI_ISL_1387708, EPI_ISL_1387710, EPI_ISL_1387711, EPI_ISL_1387712, EPI_ISL_1387713, EPI_ISL_1387714, EPI_ISL_1387715			
see above	Originating lab: Wales Specialist Virology Centre Sequencing lab: Pathogen Genomics Unit	Public Health Wales Microbiology Cardiff Wales Specialist Virology Centre	Catherine Moore, Johnathan Evans, Laura Gifford, Malorie Perry, Simon Cottrell, Angela Marchbank, Alec Birchley, Alexander Adams, Amy Gaskin, Bree Gatica-Wilcox, Jason Coombes, Joel Southgate, Lauren Gilbert, Lee Graham, Nicole Pacchiarini, Sara Kurnziene-Summerhayes, Sarah Taylor, Sophie Jones, Sara Rey, Matthew Bull, Joanne Watkins, Sally Corden, Tom Connor
EPI_ISL_1388503, EPI_ISL_1389156	National Platform bis UMONS/Jolimont	National Platform bis UMONS/Jolimont	François Dufrasne, Guillaume Bayon-Vicente, Gautier Detry, Ruddy Wattiez
EPI_ISL_1393053, EPI_ISL_1393073, EPI_ISL_1393074, EPI_ISL_1393075, EPI_ISL_1393076, EPI_ISL_1393077, EPI_ISL_1393078, EPI_ISL_1393103, EPI_ISL_1393104, EPI_ISL_1393105, EPI_ISL_1393106, EPI_ISL_1393107, EPI_ISL_1393129, EPI_ISL_1393130, EPI_ISL_1393131, EPI_ISL_1393132	Servicio de Microbiología Clínica (Complejo Hospitalario de Navarra, Pamplona)	Centro de Secuenciación NASERTIC	Carmen Ezpeleta Baquedano, Ana Navascués, Ana Miqueleiz
EPI_ISL_1393638	Laboratoria Medyczne Bruss grupa ALAB sp. z o.o. Medyczne Laboratorium Diagnostyczne	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_1393658	Cell-t	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1393781	SP ZOZ Centralny Szpital Kliniczny UM w odzi Pracownia Diagnostyki Wirusów Oddechowych	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_1393966	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_1393984, EPI_ISL_1393985, EPI_ISL_1393986, EPI_ISL_1393987, EPI_ISL_1393988, EPI_ISL_1393989, EPI_ISL_1393991	Laboratorium Badawczo-Rozwojowe Vitagenum	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1393999	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_1394050, EPI_ISL_1394052	Bruss	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1394064, EPI_ISL_1394065	Invicta	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_1394068, EPI_ISL_1394069, EPI_ISL_1394070, EPI_ISL_1394071, EPI_ISL_1394072, EPI_ISL_1394075	NZOZ Medyczne Laboratorium Diagnostyczne	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_1394076	WSSE w Warszawie	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1394079	Powiatowa Stacja Sanitarno-Epidemiologiczna w Radomiu	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_1394080, EPI_ISL_1394081	Narodowy Instytut Onkologii im. Marii Skłodowskiej-Curie Pastwowy Instytut Badawczy	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_1394087	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_1394092	WSSE w Bydgoszczy-laboratorium	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1394106	Zakad Diagnostyki Mikrobiologicznej, Kujawsko-Pomorskie Centrum Pulmonologii	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_1394123	Laboratorium Medyczne LAB-MED	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_1394142	Zakad Biochemii i Analityki Klinicznej Narodowy Instytut Onkologii	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_1394175	NZOZ Meditest Diagnostyka Medyczna	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_1394177, EPI_ISL_1394178, EPI_ISL_1394179, EPI_ISL_1394180	Laboratorium Epidemiologii	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_1394203, EPI_ISL_1394207	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_1394232	Diagnostyka Sp. z o. o. ód	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_1394233, EPI_ISL_1394234, EPI_ISL_1394235, EPI_ISL_1394236	Laboratorium Medyczne BIOLAB	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_1394247, EPI_ISL_1394248	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_1394270, EPI_ISL_1394272	Laboratorium Analiz Lekarskich Alab Tarnobrzeg	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_1394274, EPI_ISL_1394275, EPI_ISL_1394276, EPI_ISL_1394277, EPI_ISL_1394278	Laboratorium Analiz Lekarskich Alab Rzeszów	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_1394281	Podkarpackie Centrum Genetyczne OncoGenLab Pracownia Diagnostyki Molekularnej	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_1394759	Lithuanian University of Health Sciences Hospital, Department of Laboratory Medicine	Lithuanian University of Health Sciences Hospital, Department of Genetics and Molecular Medicine	Rasa Ugenskiene, Darius Cereskevicius, Inga Nasvytiene, Zivile Zemeckiene, Mantas Sarauskas, Marius Sukys, Rima Vainoriene, Astra Vitkauskiene, Renaldas Jurkevicius
EPI_ISL_1394807, EPI_ISL_1394812, EPI_ISL_1394817, EPI_ISL_1394828, EPI_ISL_1394831	Medicina practica laboratorija	Lithuanian University of Health Sciences Hospital, Department of Genetics and Molecular Medicine	Rasa Ugenskiene, Darius Cereskevicius, Inga Nasvytiene, Zivile Zemeckiene, Mantas Sarauskas, Marius Sukys, Rima Vainoriene, Astra Vitkauskiene, Renaldas Jurkevicius
EPI_ISL_1396556, EPI_ISL_1396557	SC Microbiologia e Virologia AOUSS	AMES Centro Polidiagnostico Strumentale S.r.l.	Salvatore Rubino; Flavia Angioi; Laura Firino; Rosalba Govoni; Gabriele Ibba; Vincenzo Lai; Erica Mura; Bianca Paglietti; Claudia Piu; Anna Puggioni; Elena Rimini; Giulia Rocca; Caterina Serra; Sergio Uzzau.
EPI_ISL_1396860, EPI_ISL_1396861, EPI_ISL_1396863, EPI_ISL_1396871, EPI_ISL_1396873, EPI_ISL_1396877, EPI_ISL_1396879, EPI_ISL_1396880, EPI_ISL_1396881	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_1397179, EPI_ISL_1397180, EPI_ISL_1397181, EPI_ISL_1397182, EPI_ISL_1397183, EPI_ISL_1397184, EPI_ISL_1397185, EPI_ISL_1397186, EPI_ISL_1397187, EPI_ISL_1397188, EPI_ISL_1397189, EPI_ISL_1397190, EPI_ISL_1397191, EPI_ISL_1397192, EPI_ISL_1397193, EPI_ISL_1397194, EPI_ISL_1397195, EPI_ISL_1397196, EPI_ISL_1397197, EPI_ISL_1397198, EPI_ISL_1397199, EPI_ISL_1397200, EPI_ISL_1397201, EPI_ISL_1397202, EPI_ISL_1397207, EPI_ISL_1397208, EPI_ISL_1397209, EPI_ISL_1397210, EPI_ISL_1397211, EPI_ISL_1397212, EPI_ISL_1397213, EPI_ISL_1397214, EPI_ISL_1397215, EPI_ISL_1397216, EPI_ISL_1397217, EPI_ISL_1397218, EPI_ISL_1397219, EPI_ISL_1397220, EPI_ISL_1397221, EPI_ISL_1397232, EPI_ISL_1397233, EPI_ISL_1397234, EPI_ISL_1397235, EPI_ISL_1397236, EPI_ISL_1397237, EPI_ISL_1397238, EPI_ISL_1397239, EPI_ISL_1397241, EPI_ISL_1397242, EPI_ISL_1397247, EPI_ISL_1397248, EPI_ISL_1397249, EPI_ISL_1397250, EPI_ISL_1397251, EPI_ISL_1397252, EPI_ISL_1397253, EPI_ISL_1397254, EPI_ISL_1397255, EPI_ISL_1397256, EPI_ISL_1397259, EPI_ISL_1397260, EPI_ISL_1397261, EPI_ISL_1397262, EPI_ISL_1397263, EPI_ISL_1397264, EPI_ISL_1397265, EPI_ISL_1397266, EPI_ISL_1397267, EPI_ISL_1397268, EPI_ISL_1397269, EPI_ISL_1397270, EPI_ISL_1397271, EPI_ISL_1397272, EPI_ISL_1397273, EPI_ISL_1397274, EPI_ISL_1397275, EPI_ISL_1397276, EPI_ISL_1397277, EPI_ISL_1397278, EPI_ISL_1397279, EPI_ISL_1397280, EPI_ISL_1397281, EPI_ISL_1397282, EPI_ISL_1397283, EPI_ISL_1397284, EPI_ISL_1397285, EPI_ISL_1397286, EPI_ISL_1397287, EPI_ISL_1397288, EPI_ISL_1397289, EPI_ISL_1397290, EPI_ISL_1397291, EPI_ISL_1397292, EPI_ISL_1397293, EPI_ISL_1397294, EPI_ISL_1397295, EPI_ISL_1397296, EPI_ISL_1397297, EPI_ISL_1397298, EPI_ISL_1397299, EPI_ISL_1397300, EPI_ISL_1397301, EPI_ISL_1397302, EPI_ISL_1397303, EPI_ISL_1397304, EPI_ISL_1397305, EPI_ISL_1397306, EPI_ISL_1397307, EPI_ISL_1397308, EPI_ISL_1397309, EPI_ISL_1397310, EPI_ISL_1397311, EPI_ISL_1397312, EPI_ISL_1397313, EPI_ISL_1397314, EPI_ISL_1397315			
see above	National Virus Reference Laboratory	National Virus Reference Laboratory	Zoe Yandle, Charlene Bennet, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun
EPI_ISL_1397581, EPI_ISL_1397582, EPI_ISL_1397583, EPI_ISL_1397584, EPI_ISL_1397585, EPI_ISL_1397586, EPI_ISL_1397587, EPI_ISL_1397588	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_1397613	THE MARY IMOGENE BASSETT 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_1397663, EPI_ISL_1397665, EPI_ISL_1397670, EPI_ISL_1397671, EPI_ISL_1397673, EPI_ISL_1397689	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_1397695, EPI_ISL_1397696, EPI_ISL_1397697, EPI_ISL_1397698	BIO-REFERENCE LABORATORIES	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1397705	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_1397912, EPI_ISL_1397913	BIO-REFERENCE LABORATORIES	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1397931, EPI_ISL_1397934	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_1398139	URMC LABS	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1398164, EPI_ISL_1398170	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_1398325	NYC Pandemic Response Lab	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_1398786, EPI_ISL_1398787, EPI_ISL_1398788, EPI_ISL_1398790, EPI_ISL_1398791, EPI_ISL_1398792, EPI_ISL_1398793, EPI_ISL_1398794, EPI_ISL_1398795, EPI_ISL_1398796, EPI_ISL_1398797, EPI_ISL_1398798, EPI_ISL_1398800, EPI_ISL_1398801, EPI_ISL_1398802, EPI_ISL_1398803, EPI_ISL_1398804, EPI_ISL_1398805, EPI_ISL_1398806, EPI_ISL_1398807, EPI_ISL_1398808, EPI_ISL_1398809, EPI_ISL_1398810, EPI_ISL_1398812, EPI_ISL_1398813, EPI_ISL_1398814, EPI_ISL_1398815, EPI_ISL_1398816, EPI_ISL_1398817, EPI_ISL_1398818, EPI_ISL_1398819, EPI_ISL_1398820, EPI_ISL_1398821, EPI_ISL_1398822, EPI_ISL_1398823, EPI_ISL_1398825, EPI_ISL_1398826, EPI_ISL_1398827, EPI_ISL_1398878, EPI_ISL_1398879			
see above	National Virus Reference Laboratory	National Virus Reference Laboratory	Zoe Yandle, Charlene Bennet, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun
EPI_ISL_1399284	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_1399289, EPI_ISL_1399290, EPI_ISL_1399291, EPI_ISL_1399292, EPI_ISL_1399293, EPI_ISL_1399294, EPI_ISL_1399295, EPI_ISL_1399322, EPI_ISL_1399323	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1399344	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_1399361, EPI_ISL_1399362, EPI_ISL_1399380, EPI_ISL_1399388, EPI_ISL_1399392	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_1399401	Instituto Nacional de Saude (INSA) and Institute of	Instituto Nacional de Saude (INSA) and Institute of	Borges et al

EPI_ISL_1399413	Biomedicine (iBIMed), Universidade de Aveiro Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)	Biomedicine (iBIMed), Universidade de Aveiro Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)	Borges et al
EPI_ISL_1399426, EPI_ISL_1399430, EPI_ISL_1399434, EPI_ISL_1399435	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1399436	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_1399447, EPI_ISL_1399448, EPI_ISL_1399451, EPI_ISL_1399452, EPI_ISL_1399634, EPI_ISL_1399638, EPI_ISL_1399639, EPI_ISL_1399641, EPI_ISL_1399646, EPI_ISL_1399652, EPI_ISL_1399653			
see above	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1399659	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_1399663, EPI_ISL_1399666, EPI_ISL_1399674, EPI_ISL_1399686, EPI_ISL_1399688, EPI_ISL_1399689, EPI_ISL_1399690, EPI_ISL_1399691, EPI_ISL_1399692, EPI_ISL_1399693, EPI_ISL_1399694, EPI_ISL_1399696, EPI_ISL_1399714			
see above	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1399744, EPI_ISL_1399769	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_1399796, EPI_ISL_1399802, EPI_ISL_1399804, EPI_ISL_1399805	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_1399825, EPI_ISL_1399838, EPI_ISL_1399843, EPI_ISL_1399844, EPI_ISL_1399856, EPI_ISL_1399865, EPI_ISL_1399870, EPI_ISL_1399871, EPI_ISL_1399872	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_1399876	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_1399877, EPI_ISL_1399878	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1399886	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_1399894	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_1399899, EPI_ISL_1399900	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_1399904	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1399907	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_1399909, EPI_ISL_1399911, EPI_ISL_1399912, EPI_ISL_1399913, EPI_ISL_1399914, EPI_ISL_1399915, EPI_ISL_1399916, EPI_ISL_1399917, EPI_ISL_1399918, EPI_ISL_1399919, EPI_ISL_1399921, EPI_ISL_1399922, EPI_ISL_1399923, EPI_ISL_1399924, EPI_ISL_1399949, EPI_ISL_1399971			
see above	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1400016, EPI_ISL_1400018, EPI_ISL_1400021, EPI_ISL_1400024, EPI_ISL_1400025, EPI_ISL_1400026, EPI_ISL_1400047	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_1400063, EPI_ISL_1400064, EPI_ISL_1400065	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_1400072, EPI_ISL_1400073, EPI_ISL_1400074, EPI_ISL_1400075, EPI_ISL_1400076, EPI_ISL_1400079, EPI_ISL_1400080, EPI_ISL_1400084, EPI_ISL_1400087, EPI_ISL_1400097, EPI_ISL_1400126, EPI_ISL_1400130, EPI_ISL_1400148			
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_1400159, EPI_ISL_1400160	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1400165	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_1400167, EPI_ISL_1400168	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1400174	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_1400177, EPI_ISL_1400178, EPI_ISL_1400205	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1400213, EPI_ISL_1400221, EPI_ISL_1400222	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_1400229, EPI_ISL_1400238, EPI_ISL_1400239, EPI_ISL_1400244, EPI_ISL_1400252, EPI_ISL_1400253, EPI_ISL_1400255, EPI_ISL_1400258	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1400264	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_1400270, EPI_ISL_1400274, EPI_ISL_1400276, EPI_ISL_1400280, EPI_ISL_1400283, EPI_ISL_1400285	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1400446, EPI_ISL_1400447, EPI_ISL_1400448, EPI_ISL_1400449, EPI_ISL_1400450, EPI_ISL_1400454, EPI_ISL_1400455	IN State Department of Health Laboratory Services	IN State Department of Health Laboratory Services	Cassandra Campion, Jamie Yeadon, Brian Pope, Lixia Liu, Kyle Brownlee, Melissa Hindenlang, Ankita Kashikar, Mark Glazier
EPI_ISL_1401158, EPI_ISL_1401159, EPI_ISL_1401160, EPI_ISL_1401161, EPI_ISL_1401162, EPI_ISL_1401163, EPI_ISL_1401164, EPI_ISL_1401168, EPI_ISL_1401174, EPI_ISL_1401175, EPI_ISL_1401176, EPI_ISL_1401177, EPI_ISL_1401178, EPI_ISL_1401179, EPI_ISL_1401180, EPI_ISL_1401181, EPI_ISL_1401182, EPI_ISL_1401183, EPI_ISL_1401184, EPI_ISL_1401185, EPI_ISL_1401186, EPI_ISL_1401187, EPI_ISL_1401188, EPI_ISL_1401189, EPI_ISL_1401190, EPI_ISL_1401191, EPI_ISL_1401192, EPI_ISL_1401193, EPI_ISL_1401194, EPI_ISL_1401195, EPI_ISL_1401196, EPI_ISL_1401197, EPI_ISL_1401198, EPI_ISL_1401200,			

EPI_ISL_1401202, EPI_ISL_1401203, EPI_ISL_1401204, EPI_ISL_1401205, EPI_ISL_1401206, EPI_ISL_1401207, EPI_ISL_1401208, EPI_ISL_1401209, EPI_ISL_1401210, EPI_ISL_1401211, EPI_ISL_1401212, EPI_ISL_1401220, EPI_ISL_1401221, EPI_ISL_1401222, EPI_ISL_1401223, EPI_ISL_1401224, EPI_ISL_1401225, EPI_ISL_1401226, EPI_ISL_1401227, EPI_ISL_1401228, EPI_ISL_1401229, EPI_ISL_1401231, EPI_ISL_1401237, EPI_ISL_1401238, EPI_ISL_1401240			
see above	National Center of Infectious and Parasitic Diseases	National Center of Infectious and Parasitic Diseases	Alexiev et al
EPI_ISL_1401580, EPI_ISL_1401581, EPI_ISL_1401582, EPI_ISL_1401585, EPI_ISL_1401586, EPI_ISL_1401588, EPI_ISL_1401632	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_1402018, EPI_ISL_1402019, EPI_ISL_1402021, EPI_ISL_1402024, EPI_ISL_1402025, EPI_ISL_1402030, EPI_ISL_1402075, EPI_ISL_1402081, EPI_ISL_1402082, EPI_ISL_1402085, EPI_ISL_1402086, EPI_ISL_1402087, EPI_ISL_1402090			
see above	Department of Public Health Microbiology Ljubljana, National Laboratory for Health, Environment and Food	Department of Public Health Microbiology Ljubljana, National Laboratory for Health, Environment and Food	Tom Koritnik, José Gonçalves, Martin Bosilj, Katarina Prosenec, Metka Paragi
EPI_ISL_1403353, EPI_ISL_1403362, EPI_ISL_1403369, EPI_ISL_1403447, EPI_ISL_1403468, EPI_ISL_1403473, EPI_ISL_1403490, EPI_ISL_1403492	Institute of Microbiology and Immunology, Faculty of Medicine, University of Ljubljana	Institute of Microbiology and Immunology, Faculty of Medicine, University of Ljubljana	Alen Sulji, Samo Zakotnik, Tomaž Mark Zorec, Matic Brvar, Doroteja Vlaj, Andraž Celar, Dominika Šturm, Patricija Pozvek, Špela Pleh, Miša Korva, Mario Poljak, Tatjana Avši - Županc
EPI_ISL_1403855	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin L. Young, Kelly F. Oakeson, Tara Gallagher
EPI_ISL_1406203	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_1406342	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 Januszcza, Labaj,P.P., Micha Kaszuba, Pycr,K.
EPI_ISL_1406440	Centre Hospitalier Universitaire Clermont-Ferrand	CHU Clermont-Ferrand, service de virologie	Bisseux Maxime, Mirand Audrey, Combes Patricia, Henquell Cécile
EPI_ISL_1406456	Centre hospitalier D'AURILLAC	CHU Clermont-Ferrand, service de virologie	Bisseux Maxime, Mirand Audrey, Combes Patricia, Henquell Cécile
EPI_ISL_1406457, EPI_ISL_1406462	Centre Hospitalier Universitaire Clermont-Ferrand	CHU Clermont-Ferrand, service de virologie	Bisseux Maxime, Mirand Audrey, Combes Patricia, Henquell Cécile
EPI_ISL_1406473	HOPITAL DU MONT DORE	CHU Clermont-Ferrand, service de virologie	Bisseux Maxime, Mirand Audrey, Combes Patricia, Henquell Cécile
EPI_ISL_1406553, EPI_ISL_1406573	Centre Hospitalier Universitaire Clermont-Ferrand	CHU Clermont-Ferrand, service de virologie	Bisseux Maxime, Mirand Audrey, Combes Patricia, Henquell Cécile
EPI_ISL_1407434	Rhode Island Department of Health	Infectious Disease Program, Broad Institute of Harvard and MIT	Siddle,K.J., Azevedo,K., Miller,A., Adams,G., Pearlman,L., Gladden-Young,A., Lagerborg,K., Rudy,M., DeRuff,K., Carter,A., Normandin,E., Bauer,M., Reilly,S., Tomkins-Tinch,C., Loreth,C., Chaluvadi,S., Lemieux,J.E., Birren,B.W., Sabeti,P.C., Huard,R., King,E., Park,D.J., and MacInnis,B.L
EPI_ISL_1416740	National Virus Reference Laboratory	National Virus Reference Laboratory	Guerrino Macori, Gabriel Gonzalez, Michael Carr, Zoe Yandle, Charlene Bennett, Jonathan Dean, Seamus Fanning, Cillian F De Gascun
EPI_ISL_1417444, EPI_ISL_1417464, EPI_ISL_1417468, EPI_ISL_1417469, EPI_ISL_1417479, EPI_ISL_1417482, EPI_ISL_1417486, EPI_ISL_1417496, EPI_ISL_1417510, EPI_ISL_1417516, EPI_ISL_1417518, EPI_ISL_1417534, EPI_ISL_1417535, EPI_ISL_1417552, EPI_ISL_1417554, EPI_ISL_1417555, EPI_ISL_1417560, EPI_ISL_1417561, EPI_ISL_1417564, EPI_ISL_1417584, EPI_ISL_1417594, EPI_ISL_1417605, EPI_ISL_1417606, EPI_ISL_1417667, EPI_ISL_1417668, EPI_ISL_1417669, EPI_ISL_1417670, EPI_ISL_1417671, EPI_ISL_1417672, EPI_ISL_1417673, EPI_ISL_1417674, EPI_ISL_1417675, EPI_ISL_1417676, EPI_ISL_1417677, EPI_ISL_1417678, EPI_ISL_1417679, EPI_ISL_1417680, EPI_ISL_1417681, EPI_ISL_1417682, EPI_ISL_1417683, EPI_ISL_1417684, EPI_ISL_1417685, EPI_ISL_1417686, EPI_ISL_1417687, EPI_ISL_1417688, EPI_ISL_1417689, EPI_ISL_1417690, EPI_ISL_1417691, EPI_ISL_1417692, EPI_ISL_1417693, EPI_ISL_1417694, EPI_ISL_1417695, EPI_ISL_1417696, EPI_ISL_1417902, EPI_ISL_1417903, EPI_ISL_1417904, EPI_ISL_1417905, EPI_ISL_1417906, EPI_ISL_1417907, EPI_ISL_1417908, EPI_ISL_1417909, EPI_ISL_1417910, EPI_ISL_1417911, EPI_ISL_1417912, EPI_ISL_1417913, EPI_ISL_1417914, EPI_ISL_1417915, EPI_ISL_1417916, EPI_ISL_1417917, EPI_ISL_1417918, EPI_ISL_1417919, EPI_ISL_1418063, EPI_ISL_1418076, EPI_ISL_1418095, EPI_ISL_1418096, EPI_ISL_1418100, EPI_ISL_1418114, EPI_ISL_1418119, EPI_ISL_1418122, EPI_ISL_1418132			
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_1418196, EPI_ISL_1418197	LAM AVERON LABO RODEZ	CNR Virus des Infections Respiratoires - France SUD	Antonin Bai, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1418338, EPI_ISL_1418353, EPI_ISL_1418365, EPI_ISL_1418375, EPI_ISL_1418391, EPI_ISL_1418459, EPI_ISL_1418460, EPI_ISL_1418461, EPI_ISL_1418462, EPI_ISL_1418463, EPI_ISL_1418464, EPI_ISL_1418465, EPI_ISL_1418466, EPI_ISL_1418467, EPI_ISL_1418468, EPI_ISL_1418469, EPI_ISL_1418470, EPI_ISL_1418471, EPI_ISL_1418472, EPI_ISL_1418473, EPI_ISL_1418474, EPI_ISL_1418475, EPI_ISL_1418476, EPI_ISL_1418582, EPI_ISL_1418583, EPI_ISL_1418677, EPI_ISL_1418678, EPI_ISL_1418679, EPI_ISL_1418680, EPI_ISL_1418681, EPI_ISL_1418682, EPI_ISL_1418683			
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_1419409, EPI_ISL_1419612, EPI_ISL_1419613, EPI_ISL_1419912, EPI_ISL_1419913	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_1419933, EPI_ISL_1419954, EPI_ISL_1420003, EPI_ISL_1420045, EPI_ISL_1420046, EPI_ISL_1420047, EPI_ISL_1420048, EPI_ISL_1420049, EPI_ISL_1420050, EPI_ISL_1420051, EPI_ISL_1420052, EPI_ISL_1420053, EPI_ISL_1420054, EPI_ISL_1420370, EPI_ISL_1420371, EPI_ISL_1420372, EPI_ISL_1420373, EPI_ISL_1420374, EPI_ISL_1420375, EPI_ISL_1420376, EPI_ISL_1420377, EPI_ISL_1420378			
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_1420935, EPI_ISL_1420954, EPI_ISL_1420955, EPI_ISL_1420956, EPI_ISL_1420957, EPI_ISL_1420960, EPI_ISL_1420961, EPI_ISL_1420963, EPI_ISL_1420964, EPI_ISL_1420965, EPI_ISL_1420966, EPI_ISL_1420967, EPI_ISL_1420968, EPI_ISL_1420969, EPI_ISL_1420970, EPI_ISL_1420971, EPI_ISL_1420972, EPI_ISL_1420974, EPI_ISL_1420980, EPI_ISL_1420982			
see above	Helix/Illumina	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, Eileen de Feo, Jan Antico, Christine Tran, Matthew Tolentino, Shannon Wickline, Kim Gietzen, Brad Sickler, Jingtao Liu, Eric Allen, Phil Febbo, Summer Galloway, Nicole L. Washington, Simon White, Geraint Levan, Kelly Schiabor Barrett, Elizabeth Cirulli, Alexandre Bolze, Ary Ascencio, Charlotte Rivera-Garcia, Ryan Cho, Jason Nguyen, Sherry Wang, Jimmy Ramirez, Tyler Cassens, Efrén Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1420983	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Kelsey R. Florek, Abigail C. Shockey
EPI_ISL_1420985, EPI_ISL_1420989, EPI_ISL_1420992, EPI_ISL_1420995, EPI_ISL_1420998, EPI_ISL_1421002, EPI_ISL_1421005, EPI_ISL_1421008, EPI_ISL_1421011, EPI_ISL_1421014, EPI_ISL_1421017, EPI_ISL_1421020			
see above	Helix/Illumina	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, Eileen de Feo, Jan Antico, Christine Tran, Matthew Tolentino, Shannon Wickline, Kim Gietzen, Brad Sickler, Jingtao Liu, Eric Allen, Phil Febbo, Summer Galloway, Nicole L. Washington, Simon White, Geraint Levan, Kelly Schiabor Barrett, Elizabeth Cirulli, Alexandre Bolze, Ary Ascencio, Charlotte Rivera-Garcia, Ryan Cho, Jason Nguyen, Sherry Wang, Jimmy Ramirez, Tyler Cassens, Efrén Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1421021, EPI_ISL_1421022	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Kelsey R. Florek, Abigail C. Shockey
EPI_ISL_1421024, EPI_ISL_1421027, EPI_ISL_1421030, EPI_ISL_1421033, EPI_ISL_1421036, EPI_ISL_1421063, EPI_ISL_1421069, EPI_ISL_1421199, EPI_ISL_1421205, EPI_ISL_1421251, EPI_ISL_1421254, EPI_ISL_1421257, EPI_ISL_1421261, EPI_ISL_1421262, EPI_ISL_1421264			
see above	Helix/Illumina	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, Eileen de Feo, Jan Antico, Christine Tran, Matthew Tolentino, Shannon Wickline, Kim Gietzen, Brad Sickler, Jingtao Liu, Eric Allen, Phil Febbo, Summer Galloway, Nicole L. Washington, Simon White, Geraint Levan, Kelly Schiabor Barrett, Elizabeth Cirulli, Alexandre Bolze, Ary Ascencio, Charlotte Rivera-Garcia, Ryan Cho, Jason Nguyen, Sherry Wang, Jimmy Ramirez, Tyler Cassens, Efrén Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1421314	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Kelsey R. Florek, Abigail C. Shockey
EPI_ISL_1421327, EPI_ISL_1421334, EPI_ISL_1421335, EPI_ISL_1421337, EPI_ISL_1421339, EPI_ISL_1421341, EPI_ISL_1421347, EPI_ISL_1421349, EPI_ISL_1421350, EPI_ISL_1421356, EPI_ISL_1421406, EPI_ISL_1421409, EPI_ISL_1421412, EPI_ISL_1421415, EPI_ISL_1421418, EPI_ISL_1421421, EPI_ISL_1421424, EPI_ISL_1421427, EPI_ISL_1421430, EPI_ISL_1421434, EPI_ISL_1421437, EPI_ISL_1421443, EPI_ISL_1421446, EPI_ISL_1421449, EPI_ISL_1421452, EPI_ISL_1421458, EPI_ISL_1421464, EPI_ISL_1421467, EPI_ISL_1421473, EPI_ISL_1421474, EPI_ISL_1421479, EPI_ISL_1421481, EPI_ISL_1421483, EPI_ISL_1421500,			

EPI_ISL_1421521, EPI_ISL_1421535, EPI_ISL_1421558, EPI_ISL_1421567, EPI_ISL_1421584, EPI_ISL_1421587, EPI_ISL_1421600, EPI_ISL_1421629, EPI_ISL_1421682, EPI_ISL_1421700, EPI_ISL_1421716, EPI_ISL_1421721, EPI_ISL_1421722, EPI_ISL_1421723, EPI_ISL_1421724, EPI_ISL_1421741, EPI_ISL_1421744, EPI_ISL_1421745, EPI_ISL_1421748, EPI_ISL_1421751, EPI_ISL_1421752, EPI_ISL_1421753, EPI_ISL_1421754	see above	Helix/Illumina	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, Eileen de Feo, Jan Antico, Christine Tran, Matthew Tolentino, Shannon Wickline, Kim Gietzen, Brad Sickler, Jingtao Liu, Eric Allen, Phil Febbo, Summer Galloway, Nicole L. Washington, Simon White, Geraint Levan, Kelly Schiabor Barrett, Elizabeth Cirulli, Alexandre Bolze, Ary Ascencio, Charlotte Rivera-Garcia, Ryan Cho, Jason Nguyen, Sherry Wang, Jimmy Ramirez, Tyler Cassens, Efrén Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suxiang Tong, Duncan MacCannell	
EPI_ISL_1421767, EPI_ISL_1421768, EPI_ISL_1421769, EPI_ISL_1421770, EPI_ISL_1421772, EPI_ISL_1421773, EPI_ISL_1421774, EPI_ISL_1421777, EPI_ISL_1421778, EPI_ISL_1421780, EPI_ISL_1421781, EPI_ISL_1421783, EPI_ISL_1421784, EPI_ISL_1421785, EPI_ISL_1421794, EPI_ISL_1421796, EPI_ISL_1421797, EPI_ISL_1421873, EPI_ISL_1421876, EPI_ISL_1421877, EPI_ISL_1421878, EPI_ISL_1421879, EPI_ISL_1421880, EPI_ISL_1421881, EPI_ISL_1421883, EPI_ISL_1421884, EPI_ISL_1421886, EPI_ISL_1421889, EPI_ISL_1421890, EPI_ISL_1421891, EPI_ISL_1421892, EPI_ISL_1421893, EPI_ISL_1421894, EPI_ISL_1421895, EPI_ISL_1421896, EPI_ISL_1421897, EPI_ISL_1421898, EPI_ISL_1421907, EPI_ISL_1421946, EPI_ISL_1421947, EPI_ISL_1421948, EPI_ISL_1421949, EPI_ISL_1421950, EPI_ISL_1421951, EPI_ISL_1421952, EPI_ISL_1421954, EPI_ISL_1421955, EPI_ISL_1421956, EPI_ISL_1421957, EPI_ISL_1421958, EPI_ISL_1421959, EPI_ISL_1421960, EPI_ISL_1421961, EPI_ISL_1421962, EPI_ISL_1421963, EPI_ISL_1421964, EPI_ISL_1421965, EPI_ISL_1421966, EPI_ISL_1421967, EPI_ISL_1421988, EPI_ISL_1421989, EPI_ISL_1421990, EPI_ISL_1421991, EPI_ISL_1421992, EPI_ISL_1422010, EPI_ISL_1422020, EPI_ISL_1422021, EPI_ISL_1422022, EPI_ISL_1422025, EPI_ISL_1422026, EPI_ISL_1422028, EPI_ISL_1422029, EPI_ISL_1422030, EPI_ISL_1422031, EPI_ISL_1422037, EPI_ISL_1422040, EPI_ISL_1422091, EPI_ISL_1422092, EPI_ISL_1422093, EPI_ISL_1422094, EPI_ISL_1422095, EPI_ISL_1422096, EPI_ISL_1422098, EPI_ISL_1422099, EPI_ISL_1422100, EPI_ISL_1422174, EPI_ISL_1422175, EPI_ISL_1422176, EPI_ISL_1422178, EPI_ISL_1422179, EPI_ISL_1422180, EPI_ISL_1422181, EPI_ISL_1422182, EPI_ISL_1422183, EPI_ISL_1422184, EPI_ISL_1422185, EPI_ISL_1422194, EPI_ISL_1422200	see above	Laboratory Corporation of America	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, Minoo Agarwal, Eyad Almasri, Debbie Boles, Ayla Burns, Nuthawin Charoensri, Oren Cohen, Susan Countryman, Mary Ann Cristobal, Bobbi Croy, Suzanne Dale, Hrushikesh Deshmukh, Amanda Douglas, Vincent Drouillon, Marcia Eisenberg, Howard Engler, Rama Ghatti, Prashant Gupta, Susan Hicks, Jake Humphrey, Lax Iyer, Manoj Jain, Mohan Kolli, Brian Krueger, Tim Kuphal, Stanley Letovsky, Michael Levandoski, Craig Lukasik, Jonathan Meltzer, Brian Norvell, Mindy Nye, Scott Parker, Christos Petropoulos, John Pruitt, Steven Ragan, Scott Ryan, Mike Sapeta, Jana Schroth, Suresh Babu Selvaraju, Goran Stevovic, Amanda Suchanek, Andrea Throop, Lyndon Tilson, Thomas Urban, Joe Voshell, Kimberly Wagner, Jonathan Williams, Mary Williamson, Qian Zeng, Tricia Zwiefelhofer, Clinton R. Paden, Suxiang Tong, Duncan MacCannell	
EPI_ISL_1422328, EPI_ISL_1422329, EPI_ISL_1422333, EPI_ISL_1422339, EPI_ISL_1422340, EPI_ISL_1422341, EPI_ISL_1422342, EPI_ISL_1422345, EPI_ISL_1422346, EPI_ISL_1422349, EPI_ISL_1422351, EPI_ISL_1422352, EPI_ISL_1422354, EPI_ISL_1422365, EPI_ISL_1422379, EPI_ISL_1422394, EPI_ISL_1422397, EPI_ISL_1422398, EPI_ISL_1422400, EPI_ISL_1422407, EPI_ISL_1422408, EPI_ISL_1422409, EPI_ISL_1422413, EPI_ISL_1422414, EPI_ISL_1422418, EPI_ISL_1422419, EPI_ISL_1422422, EPI_ISL_1422423, EPI_ISL_1422424, EPI_ISL_1422425, EPI_ISL_1422427, EPI_ISL_1422429, EPI_ISL_1422462, EPI_ISL_1422470, EPI_ISL_1422483, EPI_ISL_1422485, EPI_ISL_1422488, EPI_ISL_1422489, EPI_ISL_1422493, EPI_ISL_1422495, EPI_ISL_1422498, EPI_ISL_1422499, EPI_ISL_1422501, EPI_ISL_1422502, EPI_ISL_1422504, EPI_ISL_1422508, EPI_ISL_1422509, EPI_ISL_1422510, EPI_ISL_1422511, EPI_ISL_1422513, EPI_ISL_1422515, EPI_ISL_1422517, EPI_ISL_1422518, EPI_ISL_1422520, EPI_ISL_1422531, EPI_ISL_1422533, EPI_ISL_1422536, EPI_ISL_1422539, EPI_ISL_1422545, EPI_ISL_1422546, EPI_ISL_1422547, EPI_ISL_1422548, EPI_ISL_1422550, EPI_ISL_1422552, EPI_ISL_1422554, EPI_ISL_1422555, EPI_ISL_1422561, EPI_ISL_1422573, EPI_ISL_1422588, EPI_ISL_1422595, EPI_ISL_1422644, EPI_ISL_1422648, EPI_ISL_1422651, EPI_ISL_1422654, EPI_ISL_1422658, EPI_ISL_1422659, EPI_ISL_1422666, EPI_ISL_1422717, EPI_ISL_1422741, EPI_ISL_1422801, EPI_ISL_1422827, EPI_ISL_1422846	see above	Quest Diagnostics Incorporated	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell	
EPI_ISL_1423113, EPI_ISL_1423115, EPI_ISL_1423118, EPI_ISL_1423124	EPI_ISL_1423396	EPI_ISL_1423514	Berkeley Medical Center NYU Langone Health LESP Yucatan	WVU and Marshall University Combined Genomics Core Facilities Departments of Pathology and Medicine, New York University School of Medicine Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	"James Denvir, Peter Stoilov, Peter Perrotta, Wesley Kimble, Ryan Percifield" Adriana Heguy, Dacia Dimartino, Emily Guzman, Christian Marier, Peter Meyn, Sitharam Ramaswami, Gael Westby, Paul Zappile, Yutong Zhang, Paolo Cotzia, Guiqing Wang Claudia Wong-Arambula, Abril Rodriguez-Maldonado, Vanessa Rivero-Arredondo, Ariadna Medina-Benitez, Joaquin Quiroz-Mercado, Sergio Rangel-Guerrero, Natividad Cruz-Ortiz, Tatiana Nunez-Garcia, Gisela Barrera-Badillo, Lucia Hernandez-Rivas, Irma Lopez-Martinez, Ernesto Ramirez-Gonzalez.
EPI_ISL_1424409, EPI_ISL_1424415, EPI_ISL_1424416, EPI_ISL_1424430			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_1424886, EPI_ISL_1424899, EPI_ISL_1424900, EPI_ISL_1424905, EPI_ISL_1424906, EPI_ISL_1424907, EPI_ISL_1424922, EPI_ISL_1424923, EPI_ISL_1424924, EPI_ISL_1424925, EPI_ISL_1424926, EPI_ISL_1424932, EPI_ISL_1424933, EPI_ISL_1424934, EPI_ISL_1424935, EPI_ISL_1424936, EPI_ISL_1424944, EPI_ISL_1424947, EPI_ISL_1424950, EPI_ISL_1424951, EPI_ISL_1424961, EPI_ISL_1424962	see above		Clalit Health Services Laboratories, Israel Department of Infectious Diseases, Kobe Institute of Health	Stern Lab Department of Infectious Diseases, Kobe Institute of Health	Stern Lab Ryohei Nomoto, Noriko Nakanishi, Tomotada Iwamoto, Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_1425480, EPI_ISL_1425481, EPI_ISL_1425482, EPI_ISL_1425483, EPI_ISL_1425484, EPI_ISL_1425485, EPI_ISL_1425486, EPI_ISL_1425487, EPI_ISL_1425494	EPI_ISL_1425543		WSSE Biaystok	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1425554			Laboratoria Medyczne Bruss grupa ALAB sp. z o.o. Medyczne Laboratorium Diagnostyczne	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_1430582			Kanagawa Prefectural Institute of Public Health	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Minoru Nagi, Ken Miyazawa, Takashi Sakudoh, Nozomu Hanaoka, Tsuguto Fujimoto, Makoto Kuroda
EPI_ISL_1430584			SARS-CoV-2 testing team, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Minoru Nagi, Ken Miyazawa, Takashi Sakudoh, Nozomu Hanaoka, Tsuguto Fujimoto, Makoto Kuroda
EPI_ISL_1430617, EPI_ISL_1430618			Osaka Institute of Public Health, Morinomiya Center	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Yoshihiro Kaku, Yasutaka Hoshino, Chikako Shimokawa, Eunsil Park, Tsuguto Fujimoto, Makoto Kuroda
EPI_ISL_1430630, EPI_ISL_1430631, EPI_ISL_1430868, EPI_ISL_1430869, EPI_ISL_1430873			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_1433070, EPI_ISL_1433225			Sonic - Bioscientia - MVZ Labor Saar GmbH	Robert Koch Institute	unknown
EPI_ISL_1436338, EPI_ISL_1436340, EPI_ISL_1436342, EPI_ISL_1436343, EPI_ISL_1436345, EPI_ISL_1436347, EPI_ISL_1436349			Università di Parma, Laboratorio di Igiene e Sanità Pubblica	Istituto Zooprofilattico Sperimentale della Lombardia e dell'Emilia Romagna (IZSLER), Risk Analysis and Genomic Epidemiology Unit	Maria Eugenia Colucci, Licia Veronesi, Paola Affanni, Marina Morganti, Ilaria Menozzi, Erika Scaltriti, Stefano Pongolini
EPI_ISL_1437492, EPI_ISL_1437598, EPI_ISL_1437604			SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1441509			Hospital General Universitario de Alicante - Instituto de Investigación Sanitaria y Biomédica de Alicante	SeqCOVID-SPAIN consortium/IBV(CSIC)	Maripaz Ventero Martin, Carmen Molina Pardines and SeqCOVID-SPAIN consortium
EPI_ISL_1442227, EPI_ISL_1442229, EPI_ISL_1442231, EPI_ISL_1442233, EPI_ISL_1442235, EPI_ISL_1442237, EPI_ISL_1442238, EPI_ISL_1442244, EPI_ISL_1442249, EPI_ISL_1442254			Azienda Ospedaliero - Universitaria di Modena Policlinico - Virologia e Microbiologia Molecolare	Istituto Zooprofilattico Sperimentale della Lombardia e dell'Emilia Romagna (IZSLER), Risk Analysis and Genomic Epidemiology Unit	Monica Pecorari, William Gennari, Giulia Fregni Serpini, Marina Morganti, Ilaria Menozzi, Erika Scaltriti, Stefano Pongolini
EPI_ISL_1442464, EPI_ISL_1442469, EPI_ISL_1442475			Azienda Sanitaria Locale di Piacenza - Presidio Ospedaliero - Laboratorio di Microbiologia	Istituto Zooprofilattico Sperimentale della Lombardia e dell'Emilia Romagna (IZSLER), Risk Analysis and Genomic Epidemiology Unit	Lo Cascio Giuliana, Schiavo Roberta, Peroni Irene, Marina Morganti, Ilaria Menozzi, Erika Scaltriti, Stefano Pongolini

ISL_1442617, EPI_ISL_1442622, EPI_ISL_1442626, EPI_ISL_1442631, EPI_ISL_1442636, EPI_ISL_1442639, EPI_ISL_1442644, EPI_ISL_1442650, EPI_ISL_1442654, EPI_ISL_1442658, EPI_ISL_1442660, EPI_ISL_1442662, EPI_ISL_1442664, EPI_ISL_1442671, EPI_ISL_1442676, EPI_ISL_1442678, EPI_ISL_1442680, EPI_ISL_1442682			
see above	SC Microbiologia e Virologia AOUSS	AMES Centro Polidiagnostico Strumentale S.r.l.	Salvatore Rubino; Flavia Angioj; Laura Firino; Rosalba Govoni; Gabriele Ibba; Vincenzo Lai; Erica Mura; Bianca Paglietti; Claudia Piu; Anna Puggioni; Elena Rimini; Giulia Rocca; Caterina Serra; Sergio Uzzau.
EPI_ISL_1443024, EPI_ISL_1443027, EPI_ISL_1443028, EPI_ISL_1443029	Arcispedale Santa Maria Nuova, Autoimmunità, Allergologia e Biotecnologie Innovative	Istituto Zooprofilattico Sperimentale della Lombardia e dell'Emilia Romagna (IZSLER), Risk Analysis and Genomic Epidemiology Unit	Alessandro Zerbini, Lucia Belloni, Stefania Croci, Marina Morganti, Ilaria Menozzi, Erika Scaltriti, Stefano Pongolini
EPI_ISL_1443040, EPI_ISL_1443041, EPI_ISL_1443042, EPI_ISL_1443043, EPI_ISL_1443044, EPI_ISL_1443097	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_1443199	OSF St Francis Medical Center	Illinois Department of Public Health - Springfield Lab	Bryan Sim, Gordon McCall
EPI_ISL_1443803, EPI_ISL_1443804, EPI_ISL_1443805, EPI_ISL_1443808	GA Department of Public Health	GA Department of Public Health	Stacy Reeves, Jonathan Edwards, Cynthia Dixey, Tonia Parrott, Aliyah Fields, Taylor Smith
EPI_ISL_1444122, EPI_ISL_1444124, EPI_ISL_1444125, EPI_ISL_1444126	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_1444732, EPI_ISL_1444733, EPI_ISL_1444734, EPI_ISL_1444736, EPI_ISL_1444737, EPI_ISL_1444738, EPI_ISL_1444740, EPI_ISL_1444741, EPI_ISL_1444742, EPI_ISL_1444743, EPI_ISL_1444744, EPI_ISL_1444745, EPI_ISL_1444746, EPI_ISL_1444747, EPI_ISL_1444748, EPI_ISL_1444749, EPI_ISL_1444750, EPI_ISL_1444751, EPI_ISL_1444752, EPI_ISL_1444753, EPI_ISL_1444754, EPI_ISL_1444755, EPI_ISL_1444756, EPI_ISL_1444757, EPI_ISL_1444758, EPI_ISL_1444759, EPI_ISL_1444760, EPI_ISL_1444761, EPI_ISL_1444762, EPI_ISL_1444763, EPI_ISL_1444764, EPI_ISL_1444765, EPI_ISL_1444766, EPI_ISL_1444767, EPI_ISL_1444769, EPI_ISL_1444771, EPI_ISL_1444772, EPI_ISL_1444773, EPI_ISL_1444774, EPI_ISL_1444775, EPI_ISL_1444776			
see above	Laboratorio Aziendale di Microbiologia e Virologia, Azienda Sanitaria dell'Alto Adige	Laboratorio Aziendale di Microbiologia e Virologia, Azienda Sanitaria dell'Alto Adige	Irene Bianconi, Bartolomeo Mobilio Rodriguez, Elisabetta Giacobazzi, Elisa Masi, Stefanie Wieser, Anne Picard, Claudia Volpato, Chiara Cantaloni, Elisabetta Pagani
EPI_ISL_1444834, EPI_ISL_1444835, EPI_ISL_1444836, EPI_ISL_1444891	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_1446274	Texas Children's Hospital	Texas Children's Microbiome Center	Ruth Ann Luna, Jennifer K. Spinler, James Dunn, James Versalovic, Ila Singh
EPI_ISL_1446947, EPI_ISL_1446955, EPI_ISL_1446959, EPI_ISL_1446960, EPI_ISL_1446967	MI - Michigan Department of Health and Human Services - Bureau of Laboratories	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Mili Sheth, Sarah Nobles, Jasmine Padilla, Mark Burroughs, Shoshona Le, Katie Dillon, Peter Cook, Clinton R. Paden, Dhvani Batra, Krista Queen, Kristen Knipe, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee
EPI_ISL_1446975	NYC Department of Health and Mental Hygiene	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Mili Sheth, Sarah Nobles, Jasmine Padilla, Mark Burroughs, Shoshona Le, Katie Dillon, Peter Cook, Clinton R. Paden, Dhvani Batra, Krista Queen, Kristen Knipe, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee
EPI_ISL_1446980, EPI_ISL_1446983, EPI_ISL_1446984	TX-Houston Health Department Laboratory	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Mili Sheth, Sarah Nobles, Jasmine Padilla, Mark Burroughs, Shoshona Le, Katie Dillon, Peter Cook, Clinton R. Paden, Dhvani Batra, Krista Queen, Kristen Knipe, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee
EPI_ISL_1446986	"MN PHL Division, Minnesota Department of Health"	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_1446998	MA State Public Health Laboratory	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Mili Sheth, Sarah Nobles, Jasmine Padilla, Mark Burroughs, Shoshona Le, Katie Dillon, Peter Cook, Clinton R. Paden, Dhvani Batra, Krista Queen, Kristen Knipe, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee
EPI_ISL_1447004, EPI_ISL_1447007, EPI_ISL_1447011	GA Department of Public Health Laboratory	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Mili Sheth, Sarah Nobles, Jasmine Padilla, Mark Burroughs, Shoshona Le, Katie Dillon, Peter Cook, Clinton R. Paden, Dhvani Batra, Krista Queen, Kristen Knipe, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee
EPI_ISL_1447016	LA Office of Public Health 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_1447228	Labolatorium Biologi Molekularnej USK	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1447229	Laboratorium Mikrobiologiczne Dolnolskie Centrum Transplantacji Komórkowych z Krajowym Bankiem Dawców Szpiku	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_1447230, EPI_ISL_1447231, EPI_ISL_1447232, EPI_ISL_1447233, EPI_ISL_1447234	National Institute of Public Health - National Institute of Hygiene	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1447257	Odzia Mikrobiologii WSSE Wroclaw	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1447258, EPI_ISL_1447259	National Institute of Public Health - National Institute of Hygiene	1. National Institute of Public Health - National Institute of Hygiene; 2. Eurofins Genomics Europe Sequencing GmbH	Wokowicz Tomasz, Zacharczuk Katarzyna, Sadkowska-Todys Magorzata, Gierczyki Rafa, Eurofins Genomics Europe Sequencing Team, ECDC COVID-19 WGS support team
EPI_ISL_1447691, EPI_ISL_1447733, EPI_ISL_1447734, EPI_ISL_1447735, EPI_ISL_1447736, EPI_ISL_1447738	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_1447954	20210218337	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_1447955	20210218343	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_1447956	20210218316	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_1447959	20210218322	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_1447962	20210300850	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_1447966	20210300066	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_1447967	20210218375	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_1447968	20210300057	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_1447969	20210300061	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_1447971	20210218329	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_1447973	20210300708	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_1447978	20210300851	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_1447981	20210300406	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_1447982	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_1447983	20210300801	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_1447984	20210300812	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_1448048, EPI_ISL_1448049, EPI_ISL_1448050, EPI_ISL_1448404, EPI_ISL_1448405, EPI_ISL_1448406	Tokyo Metropolitan Institute of Public Health	Tokyo Metropolitan Institute of Public Health	Masaki Hayashi, Takako Yamazaki, Mami Nagashima,Takushi Fujiwara, Takashi Chiba, Kenji Sadamasu
EPI_ISL_1448433	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_1449651	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_1449652, EPI_ISL_1449653	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_1449654, EPI_ISL_1449660, EPI_ISL_1449661, EPI_ISL_1449665, EPI_ISL_1449667	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_1449668	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_1449670, EPI_ISL_1449671	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_1449672, EPI_ISL_1449673	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_1449675, EPI_ISL_1449679	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_1449681	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_1449686, EPI_ISL_1449687, EPI_ISL_1449688, EPI_ISL_1449689, EPI_ISL_1449691	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_1449692	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_1449701, EPI_ISL_1449704, EPI_ISL_1449706, EPI_ISL_1449710, EPI_ISL_1449712, EPI_ISL_1449713, EPI_ISL_1449714, EPI_ISL_1449717	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_1449719	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_1449720	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team

[illegible]

[illegible]

		(COG-UK) Consortium	Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team	
EPI_ISL_1455932, EPI_ISL_1455951, EPI_ISL_1456522, EPI_ISL_1456678, EPI_ISL_1457055, EPI_ISL_1457069, EPI_ISL_1457114, EPI_ISL_1457527, EPI_ISL_1457580	Dutch COVID-19 response team	National Institute for Public Health and the Environment (RIVM)	Adam Meijer, Harry Vennema, Dirk Eggink, Jeroen Cremer, Sharon van den Brink, Bas van der Veer, AnneMarie van den Brandt, Lisa Wijsman, Kim Freriks, Rianne Jaarsma, Eunice Then, Jolienke Hardeman, Lynn Aarts, Sanne Bos, Melissa van Tuil, Robert Kohl, Linda van de Nes, Sjoerd Kuiling, James Groot, Florian Zwagemaker, Dennis Schmitz, Annelies Kroneman, Karim Hajji, Chantal Reusken, on behalf of the national COVID-19 response team	
EPI_ISL_1461328, EPI_ISL_1461331, EPI_ISL_1461343, EPI_ISL_1461348, EPI_ISL_1461351, EPI_ISL_1461353	NYC Pandemic Response Lab	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_1464263	MEDILYS Laborgesellschaft mbH	Heinrich Pette Institute, Leibniz Institute for Experimental Virology	Alexis Robitaille, Thomas Günther, Johannes Knobloch, Martin Aepfelbacher, Nicole Fischer, Adam Grundhoff	
EPI_ISL_1464420, EPI_ISL_1464421, EPI_ISL_1464422, EPI_ISL_1464425, EPI_ISL_1464426, EPI_ISL_1464427, EPI_ISL_1464428, EPI_ISL_1464429, EPI_ISL_1464430, EPI_ISL_1464431, EPI_ISL_1464433, EPI_ISL_1464434, EPI_ISL_1464435, EPI_ISL_1464436, EPI_ISL_1464437, EPI_ISL_1464438, EPI_ISL_1464439, EPI_ISL_1464440, EPI_ISL_1464442, EPI_ISL_1464443, EPI_ISL_1464444, EPI_ISL_1464445, EPI_ISL_1464446, EPI_ISL_1464449, EPI_ISL_1464450, EPI_ISL_1464452, EPI_ISL_1464453, EPI_ISL_1464454, EPI_ISL_1464455, EPI_ISL_1464456, EPI_ISL_1464457, EPI_ISL_1464463, EPI_ISL_1464464, EPI_ISL_1464465, EPI_ISL_1464466, EPI_ISL_1464467, EPI_ISL_1464469, EPI_ISL_1464470, EPI_ISL_1464471, EPI_ISL_1464472, EPI_ISL_1464473, EPI_ISL_1464474, EPI_ISL_1464475, EPI_ISL_1464477, EPI_ISL_1464478, EPI_ISL_1464479, EPI_ISL_1464480, EPI_ISL_1464482, EPI_ISL_1464483, EPI_ISL_1464485, EPI_ISL_1464486, EPI_ISL_1464487, EPI_ISL_1464488, EPI_ISL_1464489, EPI_ISL_1464491, EPI_ISL_1464495, EPI_ISL_1464496, EPI_ISL_1464497, EPI_ISL_1464498, EPI_ISL_1464499, EPI_ISL_1464501, EPI_ISL_1464505, EPI_ISL_1464507, EPI_ISL_1464583, EPI_ISL_1464584, EPI_ISL_1464585	see above	Labor Dr. Fenner und Kollegen	Heinrich Pette Institute, Leibniz Institute for Experimental Virology	Alexis Robitaille, Thomas Günther, Johannes Knobloch, Martin Aepfelbacher, Nicole Fischer, Adam Grundhoff
EPI_ISL_1464597	University Medical Center Hamburg Eppendorf	Heinrich Pette Institute, Leibniz Institute for Experimental Virology	Alexis Robitaille, Thomas Günther, Johannes Knobloch, Martin Aepfelbacher, Nicole Fischer, Adam Grundhoff	