

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

All Submitters of data may be contacted directly via [www.gisaid.org](http://www.gisaid.org)

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EPI_ISL_1061409, EPI_ISL_1061410, EPI_ISL_1061411	Queen Elizabeth Hospital	Hong Kong Children's Hospital	Herman Tse, Garnet Kwan-Yue Choi, Sally Cheuk-Ying Wong, David Christopher Lung
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EPI_ISL_1063808, EPI_ISL_1063862, EPI_ISL_1063864, EPI_ISL_1063866, EPI_ISL_1063867, EPI_ISL_1063868, EPI_ISL_1063869, EPI_ISL_1063870, EPI_ISL_1063871, EPI_ISL_1063872, EPI_ISL_1063873, EPI_ISL_1063874, EPI_ISL_1063875, EPI_ISL_1063876, EPI_ISL_1063878, EPI_ISL_1063879, EPI_ISL_1063880, EPI_ISL_1063881, EPI_ISL_1063882, EPI_ISL_1063885, EPI_ISL_1063886, EPI_ISL_1063887, EPI_ISL_1063888, EPI_ISL_1063889, EPI_ISL_1063890, EPI_ISL_1063893, EPI_ISL_1063894, EPI_ISL_1063895			
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EPI_ISL_1064694	A05	The Public Health Agency of Sweden	Oskar Karlsson Lindsjo, Maria Lind Karlberg, Carlo Berg, Anna-Malin Linde, Sofia Stamouli, Samuel Ohman, Reza Advani, Mattias Haukland, Petra Holmstrom, Noura Walai, Petra Edquist, Mia Brytting, Anna Risberg, Karin Tegmark-Wisell
EPI_ISL_1065103, EPI_ISL_1065275, EPI_ISL_1065294, EPI_ISL_1065312, EPI_ISL_1065370, EPI_ISL_1065437, EPI_ISL_1065587, EPI_ISL_1065603, EPI_ISL_1065614, EPI_ISL_1065662, EPI_ISL_1065764, EPI_ISL_1065886, EPI_ISL_1065939, EPI_ISL_1066147, EPI_ISL_1066181, EPI_ISL_1066231, EPI_ISL_1066241, EPI_ISL_1066255, EPI_ISL_1066303, EPI_ISL_1066427, EPI_ISL_1066450, EPI_ISL_1066560, EPI_ISL_1066577, EPI_ISL_1066678, EPI_ISL_1066715, EPI_ISL_1066882, EPI_ISL_1066933, EPI_ISL_1067182, EPI_ISL_1067191, EPI_ISL_1067215, EPI_ISL_1067288, EPI_ISL_1067293, EPI_ISL_1067364, EPI_ISL_1067409, EPI_ISL_1067414, EPI_ISL_1067433, EPI_ISL_1067448, EPI_ISL_1067487, EPI_ISL_1067489, EPI_ISL_1067504, EPI_ISL_1067524, EPI_ISL_1067535			
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EPI_ISL_1067917, EPI_ISL_1067918, EPI_ISL_1067919, EPI_ISL_1067920, EPI_ISL_1067922, EPI_ISL_1067926, EPI_ISL_1067932, EPI_ISL_1067933, EPI_ISL_1067934, EPI_ISL_1067935, EPI_ISL_1067936, EPI_ISL_1067937, EPI_ISL_1067939, EPI_ISL_1067940, EPI_ISL_1067941, EPI_ISL_1067942			
see above	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Kelsey R. Florek, Abigail C. Shockey
EPI_ISL_1068105, EPI_ISL_1068106, EPI_ISL_1068126, EPI_ISL_1068127, EPI_ISL_1068128, EPI_ISL_1068129, EPI_ISL_1068130, EPI_ISL_1068131, EPI_ISL_1068132, EPI_ISL_1068133, EPI_ISL_1068134, EPI_ISL_1068135, EPI_ISL_1068136, EPI_ISL_1068137, EPI_ISL_1068138, EPI_ISL_1068139, EPI_ISL_1068140, EPI_ISL_1068141			
see above	Laboratorio de Ecologia de Doencas Transmissíveis na Amazonia, Instituto Leonidas e Maria Deane - Fiocruz Amazonia	Laboratorio de Ecologia de Doencas Transmissíveis na Amazonia, Instituto Leonidas e Maria Deane - Fiocruz Amazonia	Valdinete Nascimento, Victor Souza, André Corado, Fernanda Nascimento, George Silva, Ágatha Costa, Debora Duarte, Karina Pessoa, Matilde Mejia, Luciana Gonçalves, Maria Júlia Brandão, Michele Jesus, Felipe Naveca on behalf of the Fiocruz COVID-19 Genomic Surveillance Network
EPI_ISL_1068351, EPI_ISL_1068358, EPI_ISL_1068360, EPI_ISL_1068361	Central Public Health Laboratory - LACEN -Bahia, Salvador, Brazil	Central Public Health Laboratory - LACEN -Bahia, Salvador, Brazil	Stephane Tosta, Luciana Oliveira, Vanessa Nardy, Patrícia Cajado, Marcela Gómez, Breno Dominguez, Jaqueline Gomes, Vagner Fonseca, Marta Giovanetti, Luiz Alcantara, Felicidade Pereira, Arabela Leal
EPI_ISL_1073815, EPI_ISL_1073816	Kansas Health and Environmental Lab	Kansas Health and Environmental Lab	Mike Grose, Carissa Robertson, Ben Olsen, and Phil Adam
EPI_ISL_1076566, EPI_ISL_1076567, EPI_ISL_1076569	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_1081959	"Stefan S. Nicolau" Institute of Virology	"Stefan S. Nicolau" Institute of Virology	Anca Botezatu, Iulia Virginia Iancu, Coralia Bleotu, Mihaela Economescu, Laura Necula, Denisa Dragu, Lilia Matei, Ioana Pitica, Marinela Bostan, Mirela Mihailea, Laura Grecu, Camelia Sultana, Simona Ruta, Ana Iulia Neagu, Adriana Plesa, Saviana Nedeianu, Alina Nastasie, Cristina Mambet, Gabriela Anton, Carmen Cristina Diaconu
EPI_ISL_1085013	Laboratorio Biologia Molecolare Sars Cov2 - UOC Laboratorio Analisi - Servizio Medicina di Laboratorio, Ospedale "San Francesco" - ATS-ASSL Nuoro	Laboratorio Biologia Molecolare Sars Cov2 - UOC Laboratorio Analisi - Servizio Medicina di Laboratorio, Ospedale "San Francesco" - ATS-ASSL Nuoro	Piras Giovanna, Asproni Rosanna, Monne Maria Itria, Fiamma Maura, , Palmas Angelo Domenico, Lo Maglio Iana, Mameli Giuseppe
EPI_ISL_1085675	Hôpital Henri Mondor	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky
EPI_ISL_1092247, EPI_ISL_1092316	Protzer Lab	Protzer Lab, Laboratory for Functional Genome Analysis, Dept. Genomics, Gene Center of the LMU Munich	Ulrike Protzer, Dieter Hoffmann, Till Bunse, Eva C.Schulte, Elisabeth Esser, Stefan Krebs, Alexander Graf, Helmut Blum
EPI_ISL_1094648, EPI_ISL_1094651, EPI_ISL_1094652	KS Health and Environmental Laboratories	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suixiang Tong
EPI_ISL_1095516	Instituto Nacional de Medicina Genomica	Instituto Nacional de Medicina Genomica	Hidalgo-Miranda A, Mendoza-Vargas A, Reyes-Grajeda JP, Cedro-Tanda A, Alcaraz N, Gonzalez-Barrera D, Rangel-DeLeon D, Ramirez-Vega O, Sifuentes-Rojas C, Cisneros-Villanueva M, Herrera-Montalvo LA
EPI_ISL_1098647	South Eastern Area Laboratory Services (SEALS)	NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney	CIDM-PH et al.
EPI_ISL_1098691, EPI_ISL_1098692, EPI_ISL_1098693, EPI_ISL_1098694, EPI_ISL_1098695, EPI_ISL_1098696, EPI_ISL_1098708, EPI_ISL_1098709, EPI_ISL_1098710, EPI_ISL_1098711, EPI_ISL_1098712, EPI_ISL_1098713, EPI_ISL_1098714, EPI_ISL_1098715, EPI_ISL_1098716, EPI_ISL_1098717, EPI_ISL_1098718, EPI_ISL_1098719, EPI_ISL_1098720, EPI_ISL_1098721, EPI_ISL_1098722, EPI_ISL_1098723, EPI_ISL_1098724, EPI_ISL_1098725, EPI_ISL_1098726, EPI_ISL_1098727, EPI_ISL_1098728, EPI_ISL_1098729, EPI_ISL_1098730, EPI_ISL_1098731, EPI_ISL_1098732, EPI_ISL_1098733, EPI_ISL_1098734, EPI_ISL_1098735, EPI_ISL_1098736, EPI_ISL_1098737, EPI_ISL_1098738, EPI_ISL_1098739, EPI_ISL_1098740, EPI_ISL_1098741, EPI_ISL_1098742, EPI_ISL_1098743, EPI_ISL_1098744, EPI_ISL_1098745, EPI_ISL_1098746, EPI_ISL_1098747, EPI_ISL_1098748, EPI_ISL_1098749, EPI_ISL_1098750, EPI_ISL_1098751, EPI_ISL_1098752, EPI_ISL_1098753			
see above	Fukuoka Institute of Health and Environmental Sciences	Fukuoka Institute of Health and Environmental Sciences	Asako Nakamura, Yoshiki Etoh, Hiroaki Shigemura, Akira Ohishi, Takayuki Kobayashi, Saori Ueda, Chiharu Katamune, Mitsuhiro Hamasaki, Yuki Ashizuka, Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_1104842, EPI_ISL_1104854, EPI_ISL_1104868, EPI_ISL_1104869, EPI_ISL_1104878, EPI_ISL_1104883, EPI_ISL_1104895, EPI_ISL_1104896, EPI_ISL_1104897, EPI_ISL_1104905, EPI_ISL_1104914, EPI_ISL_1104923, EPI_ISL_1104929, EPI_ISL_1104935, EPI_ISL_1104941, EPI_ISL_1104947, EPI_ISL_1104968			
see above	University College London Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Judith Heaney, Matthew Byott, Catherine Houlihan, Dan Frampton, Stuart Kirk, Moira Spyer and Eleni Nastouli
EPI_ISL_1109484, EPI_ISL_1109485	Medical Ain Shams Research Institute (MASRI), Ain Shams University	Medical Ain Shams Research Institute (MASRI), Ain Shams University	Hesham Elghazaly, Sara Hassan Agwa, Hala Hafez , Fatma Ebied, Manal Hamdy Elsaid, Mohamed Elhadidi, Aya Mohamed , Shimaa Moustafa, Reham Kassab, Iman Foda , Samia Abdou Girgis, Hoda Ezz Elarab, Hagar Elshora, Osama Mansour.
EPI_ISL_1109980, EPI_ISL_1110009	MEPHI, Aix Marseille University	MEPHI, Aix Marseille University	Anthony LEVASSEUR
EPI_ISL_1110560, EPI_ISL_1110562, EPI_ISL_1110565, EPI_ISL_1110566, EPI_ISL_1110567, EPI_ISL_1110569, EPI_ISL_1110570, EPI_ISL_1110571, EPI_ISL_1110572, EPI_ISL_1110573, EPI_ISL_1110574, EPI_ISL_1110575, EPI_ISL_1110577, EPI_ISL_1110578, EPI_ISL_1110579			
see above	Kansas Health and Environmental Lab	Kansas Health and Environmental Lab	Mike Grose, Carissa Robertson, Ben Olsen, and Phil Adam
EPI_ISL_1111309, EPI_ISL_1111312	Laboratorio de Referencia Nacional de Virus Respiratorio. Instituto Nacional de Salud Perú	Laboratorio de Referencia Nacional de Enteropatógenos. Instituto Nacional de Salud del Perú	Ronnie Gavilan Chavez, Junior Caro Castro, Willi Quino Sifuentes, Veronica Hurtado Vela, Iris Silva Molina, Fiorella Orellana Peralta
EPI_ISL_1111594, EPI_ISL_1111595	Virginia Division of Consolidated Laboratory Services	Virginia Division of Consolidated Laboratory Services	Virginia DCLS
EPI_ISL_1113719, EPI_ISL_1113722, EPI_ISL_1113724, EPI_ISL_1113725, EPI_ISL_1113726, EPI_ISL_1113730, EPI_ISL_1113734, EPI_ISL_1113735, EPI_ISL_1113739, EPI_ISL_1113742, EPI_ISL_1113743, EPI_ISL_1113748, EPI_ISL_1113749, EPI_ISL_1113753			
see above	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_1114726	Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia	Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia	Suppiah J, Kamel K, Azizan MA, Thayan R
EPI_ISL_1117451	RS PMI, Bogor, West Java	Biosafety Level-3 Laboratory, Indonesian Institute of Sciences	Anik Budhi Dharmayanthi, Ade Andriani, Hariyatun, Asep M. Ridwanuloh, Syam Budi Iryanto, Eko Wahyu Putro, Gita Syahputra, Susanti, Inswasti Cahyani,

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EPI_ISL_1119568	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Catharine Aquino, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Andreia Cabral de Gouvea, Maria Domenica Moccia, Simon Grüter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patrignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1119571	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_1119572, EPI_ISL_1119573, EPI_ISL_1119575, EPI_ISL_1119576, EPI_ISL_1119578, EPI_ISL_1119579, EPI_ISL_1119580, EPI_ISL_1119582, EPI_ISL_1119583, EPI_ISL_1119585, EPI_ISL_1119586, EPI_ISL_1119587, EPI_ISL_1119588, EPI_ISL_1119589, EPI_ISL_1119590, EPI_ISL_1119592, EPI_ISL_1119593, EPI_ISL_1119594, EPI_ISL_1119600, EPI_ISL_1119601, EPI_ISL_1119602, EPI_ISL_1119603, EPI_ISL_1119604, EPI_ISL_1119605, EPI_ISL_1119607, EPI_ISL_1119608, EPI_ISL_1119610, EPI_ISL_1119611, EPI_ISL_1119612, EPI_ISL_1119613, EPI_ISL_1119614, EPI_ISL_1119615, EPI_ISL_1119617, EPI_ISL_1119618, EPI_ISL_1119619, EPI_ISL_1119620, EPI_ISL_1119621, EPI_ISL_1119622, EPI_ISL_1119623, EPI_ISL_1119625, EPI_ISL_1119626, EPI_ISL_1119627, EPI_ISL_1119629, EPI_ISL_1119631, EPI_ISL_1119633, EPI_ISL_1119634, EPI_ISL_1119635, EPI_ISL_1119636, EPI_ISL_1119640, EPI_ISL_1119641, EPI_ISL_1119643, EPI_ISL_1119645, EPI_ISL_1119646, EPI_ISL_1119651, EPI_ISL_1119654, EPI_ISL_1119655, EPI_ISL_1119657, EPI_ISL_1119659, EPI_ISL_1119661, EPI_ISL_1119662, EPI_ISL_1119663, EPI_ISL_1119664, EPI_ISL_1119665, EPI_ISL_1119666, EPI_ISL_1119670, EPI_ISL_1119675, EPI_ISL_1119677, EPI_ISL_1119678, EPI_ISL_1119679, EPI_ISL_1119681, EPI_ISL_1119682, EPI_ISL_1119683, EPI_ISL_1119684, EPI_ISL_1119685, EPI_ISL_1119686, EPI_ISL_1119687, EPI_ISL_1119688, EPI_ISL_1119689, EPI_ISL_1119693, EPI_ISL_1119694, EPI_ISL_1119695, EPI_ISL_1119696, EPI_ISL_1119697, EPI_ISL_1119699, EPI_ISL_1119700, EPI_ISL_1119701, EPI_ISL_1119702, EPI_ISL_1119704, EPI_ISL_1119706, EPI_ISL_1119707, EPI_ISL_1119708, EPI_ISL_1119709, EPI_ISL_1119710, EPI_ISL_1119711, EPI_ISL_1119712, EPI_ISL_1119713, EPI_ISL_1119714, EPI_ISL_1119715, EPI_ISL_1119716, EPI_ISL_1119717, EPI_ISL_1119718, EPI_ISL_1119720, EPI_ISL_1119722, EPI_ISL_1119723, EPI_ISL_1119724, EPI_ISL_1119726, EPI_ISL_1119727, EPI_ISL_1119728, EPI_ISL_1119729, EPI_ISL_1119730, EPI_ISL_1119732, EPI_ISL_1119734, EPI_ISL_1119740, EPI_ISL_1119741, EPI_ISL_1119742, EPI_ISL_1119745, EPI_ISL_1119746, EPI_ISL_1119747, EPI_ISL_1119748, EPI_ISL_1119749, EPI_ISL_1119751, EPI_ISL_1119752, EPI_ISL_1119753, EPI_ISL_1119754, EPI_ISL_1119755, EPI_ISL_1119756, EPI_ISL_1119757, EPI_ISL_1119759, EPI_ISL_1119760, EPI_ISL_1119762, EPI_ISL_1119764, EPI_ISL_1119765, EPI_ISL_1119766, EPI_ISL_1119767, EPI_ISL_1119768, EPI_ISL_1119770, EPI_ISL_1119771, EPI_ISL_1119773, EPI_ISL_1119775, EPI_ISL_1119776, EPI_ISL_1119777, EPI_ISL_1119784, EPI_ISL_1119787, EPI_ISL_1119788, EPI_ISL_1119789, EPI_ISL_1119790, EPI_ISL_1119792, EPI_ISL_1119793, EPI_ISL_1119794, EPI_ISL_1119795, EPI_ISL_1119796, EPI_ISL_1119798, EPI_ISL_1119799, EPI_ISL_1119800, EPI_ISL_1119801, EPI_ISL_1119802, EPI_ISL_1119804, EPI_ISL_1119805, EPI_ISL_1119807, EPI_ISL_1119808, EPI_ISL_1119809, EPI_ISL_1119810, EPI_ISL_1119811			
see above	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Catharine Aquino, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Andreia Cabral de Gouvea, Maria Domenica Moccia, Simon Grüter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patrignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1119812	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_1119813, EPI_ISL_1119814	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Catharine Aquino, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Andreia Cabral de Gouvea, Maria Domenica Moccia, Simon Grüter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patrignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1119815, EPI_ISL_1119817, EPI_ISL_1119818	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_1119819, EPI_ISL_1119822, EPI_ISL_1119823, EPI_ISL_1119825, EPI_ISL_1119826, EPI_ISL_1119828, EPI_ISL_1119829	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Catharine Aquino, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Andreia Cabral de Gouvea, Maria Domenica Moccia, Simon Grüter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patrignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1119830	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_1119833, EPI_ISL_1119834, EPI_ISL_1119835, EPI_ISL_1119838, EPI_ISL_1119839, EPI_ISL_1119842	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Catharine Aquino, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Andreia Cabral de Gouvea, Maria Domenica Moccia, Simon Grüter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patrignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1119843, EPI_ISL_1119844	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_1119845	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Catharine Aquino, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Andreia Cabral de Gouvea, Maria Domenica Moccia, Simon Grüter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patrignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1119846, EPI_ISL_1119848, EPI_ISL_1119849	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_1119850	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Catharine Aquino, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Andreia Cabral de Gouvea, Maria Domenica Moccia, Simon Grüter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patrignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1119851, EPI_ISL_1119853	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_1119857, EPI_ISL_1119858, EPI_ISL_1119859, EPI_ISL_1119860, EPI_ISL_1119861, EPI_ISL_1119862, EPI_ISL_1119863, EPI_ISL_1119864, EPI_ISL_1119865, EPI_ISL_1119866, EPI_ISL_1119867, EPI_ISL_1119869, EPI_ISL_1119870, EPI_ISL_1119872, EPI_ISL_1119873, EPI_ISL_1119874, EPI_ISL_1119875, EPI_ISL_1119876, EPI_ISL_1119879, EPI_ISL_1119880, EPI_ISL_1119881, EPI_ISL_1119882, EPI_ISL_1119884, EPI_ISL_1119885			
see above	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Catharine Aquino, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Andreia Cabral de Gouvea, Maria Domenica Moccia, Simon Grüter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patrignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1119887	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_1119889, EPI_ISL_1119891, EPI_ISL_1119892, EPI_ISL_1119896, EPI_ISL_1119898	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Catharine Aquino, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Andreia Cabral de Gouvea, Maria Domenica Moccia, Simon Grüter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patrignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1119903, EPI_ISL_1119904, EPI_ISL_1119905, EPI_ISL_1119908, EPI_ISL_1119909, EPI_ISL_1119910, EPI_ISL_1119911, EPI_ISL_1119912, EPI_ISL_1119913, EPI_ISL_1119914, EPI_ISL_1119916, EPI_ISL_1119917, EPI_ISL_1119919, EPI_ISL_1119920, EPI_ISL_1119921, EPI_ISL_1119922, EPI_ISL_1119925, EPI_ISL_1119926, EPI_ISL_1119927, EPI_ISL_1119930, EPI_ISL_1119931, EPI_ISL_1119932, EPI_ISL_1119934, EPI_ISL_1119935, EPI_ISL_1119936, EPI_ISL_1119937, EPI_ISL_1119940, EPI_ISL_1119941, EPI_ISL_1119943, EPI_ISL_1119944, EPI_ISL_1119946, EPI_ISL_1119947, EPI_ISL_1119949, EPI_ISL_1119950, EPI_ISL_1119951, EPI_ISL_1119952			
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

Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler				
EPI_ISL_1122011, EPI_ISL_1122012	Kentucky State Public Health Lab	Kentucky State Public Health Lab	Stephanie Lunn, Karim George, Joshua Tobias, William Grooms, Vaneet Arora, Matthew Johnson, Rachel Zinner, Rhonda Lucas	
EPI_ISL_1122349, EPI_ISL_1122350, EPI_ISL_1122351, EPI_ISL_1122352, EPI_ISL_1122353, EPI_ISL_1122354	Ibaraki Prefectural Institute of Public Health	Ibaraki Prefectural Institute of Public Health	Keiko Goto, Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda	
EPI_ISL_1123264	Rangamati General Hospital RT-PCR lab	Central Biological Research Laboratory and Department of Biochemistry and Molecular Biology	Mohammad Omar Faruque, H. M. Abdullah Al Masud, Imam Hossen, Md. Khondakar Raziur Rahman, Sajib Rudra, Md. Arif Hossain, Shanta Paul, Md. Omer Faruq, Robiul Hasan Bhuiyan, Md. Imranul Hoq	
EPI_ISL_1123266	Cox's Bazar Medical College	Central Biological Research Laboratory and Department of Biochemistry and Molecular Biology	Mohammad Omar Faruque, H. M. Abdullah Al Masud, Sajib Rudra, Md. Omer Faruq, Md. Khondakar Raziur Rahman, Imam Hossen, Md. Arif Hossain, Shanta Paul, Robiul Hasan Bhuiyan, Md. Imranul Hoq	
EPI_ISL_1123267	Cox's Bazar Medical College	Central Biological Research Laboratory and Department of Biochemistry and Molecular Biology	H. M. Abdullah Al Masud, Mohammad Omar Faruque, Sajib Rudra, Md. Khondakar Raziur Rahman, Imam Hossen, Md. Arif Hossain, Shanta Paul, Md. Omer Faruq, Md. Imranul Hoq, Robiul Hasan Bhuiyan	
EPI_ISL_1123268	Chattogram Veterinary and Animal Sciences University	Central Biological Research Laboratory and Department of Biochemistry and Molecular Biology	H. M. Abdullah Al Masud, Mohammad Omar Faruque, Md. Arif Hossain, Shanta Paul, Md. Khondakar Raziur Rahman, Imam Hossen, Sajib Rudra, Md. Omer Faruq, Md. Imranul Hoq, Robiul Hasan Bhuiyan	
EPI_ISL_1123677, EPI_ISL_1123816, EPI_ISL_1123862	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Aalborg University	Danish Covid-19 Genome Consortium	
EPI_ISL_1123895, EPI_ISL_1123897, EPI_ISL_1123898	Pathogen Genomics Center, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda	
EPI_ISL_1123899	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Aalborg University	Danish Covid-19 Genome Consortium	
EPI_ISL_1123900, EPI_ISL_1123902, EPI_ISL_1123904, EPI_ISL_1123905, EPI_ISL_1123907	Pathogen Genomics Center, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda	
EPI_ISL_1123930, EPI_ISL_1123939, EPI_ISL_1124132, EPI_ISL_1124134, EPI_ISL_1124136, EPI_ISL_1124169	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Aalborg University	Danish Covid-19 Genome Consortium	
EPI_ISL_1124199	Toyama Institute of Health	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda	
EPI_ISL_1124249, EPI_ISL_1124326	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Aalborg University	Danish Covid-19 Genome Consortium	
EPI_ISL_1124337, EPI_ISL_1124339, EPI_ISL_1124341, EPI_ISL_1124342, EPI_ISL_1124344, EPI_ISL_1124346, EPI_ISL_1124348, EPI_ISL_1124349, EPI_ISL_1124351, EPI_ISL_1124353, EPI_ISL_1124355, EPI_ISL_1124356	see above	Osaka Institute of Public Health, Morinomiya Center	Pathogen Genomics Center, National Institute of Infectious Diseases	
EPI_ISL_1124425, EPI_ISL_1124466, EPI_ISL_1124473	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Aalborg University	Danish Covid-19 Genome Consortium	
EPI_ISL_1124508, EPI_ISL_1124510, EPI_ISL_1124512, EPI_ISL_1124514, EPI_ISL_1124516	Pathogen Genomics Center, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda	
EPI_ISL_1124649, EPI_ISL_1124780, EPI_ISL_1124790, EPI_ISL_1125022, EPI_ISL_1125024, EPI_ISL_1125048, EPI_ISL_1125075, EPI_ISL_1125080, EPI_ISL_1125121, EPI_ISL_1125199, EPI_ISL_1125202, EPI_ISL_1125251, EPI_ISL_1125292, EPI_ISL_1125333, EPI_ISL_1125452, EPI_ISL_1125459, EPI_ISL_1125464, EPI_ISL_1125487, EPI_ISL_1125505, EPI_ISL_1125521, EPI_ISL_1125548, EPI_ISL_1125564, EPI_ISL_1125584, EPI_ISL_1125618, EPI_ISL_1125657, EPI_ISL_1125663, EPI_ISL_1125683, EPI_ISL_1125702, EPI_ISL_1125744, EPI_ISL_1125795, EPI_ISL_1125814, EPI_ISL_1125857, EPI_ISL_1125887, EPI_ISL_1125891, EPI_ISL_1125908, EPI_ISL_1125937, EPI_ISL_1126007, EPI_ISL_1126017, EPI_ISL_1126033, EPI_ISL_1126037, EPI_ISL_1126058, EPI_ISL_1126153, EPI_ISL_1126171, EPI_ISL_1126176, EPI_ISL_1126190, EPI_ISL_1126201, EPI_ISL_1126218, EPI_ISL_1126313, EPI_ISL_1126372, EPI_ISL_1126377, EPI_ISL_1126560, EPI_ISL_1126582, EPI_ISL_1126656, EPI_ISL_1126675, EPI_ISL_1126699, EPI_ISL_1126753, EPI_ISL_1126760, EPI_ISL_1126790, EPI_ISL_1126953, EPI_ISL_1126961, EPI_ISL_1126962, EPI_ISL_1126981, EPI_ISL_1127014, EPI_ISL_1127015	see above	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Aalborg University	Danish Covid-19 Genome Consortium
EPI_ISL_1127119, EPI_ISL_1127120, EPI_ISL_1127155	Pathogen Genomics Center, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda	
EPI_ISL_1127157	Osaka Institute of Public Health, Morinomiya Center	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda	
EPI_ISL_1127396, EPI_ISL_1127397, EPI_ISL_1127398, EPI_ISL_1127399, EPI_ISL_1127400, EPI_ISL_1127401, EPI_ISL_1127402, EPI_ISL_1127403, EPI_ISL_1127404, EPI_ISL_1127405, EPI_ISL_1127406, EPI_ISL_1127407, EPI_ISL_1127408, EPI_ISL_1127409, EPI_ISL_1127410, EPI_ISL_1127411, EPI_ISL_1127412, EPI_ISL_1127413, EPI_ISL_1127414, EPI_ISL_1127415, EPI_ISL_1127416, EPI_ISL_1127417, EPI_ISL_1127418, EPI_ISL_1127419, EPI_ISL_1127420, EPI_ISL_1127421, EPI_ISL_1127422, EPI_ISL_1127423, EPI_ISL_1127424, EPI_ISL_1127425, EPI_ISL_1127426, EPI_ISL_1127427, EPI_ISL_1127428, EPI_ISL_1127429, EPI_ISL_1127430, EPI_ISL_1127431, EPI_ISL_1127432, EPI_ISL_1127433, EPI_ISL_1127434, EPI_ISL_1127435, EPI_ISL_1127436, EPI_ISL_1127437, EPI_ISL_1127438, EPI_ISL_1127439, EPI_ISL_1127440, EPI_ISL_1127441, EPI_ISL_1127442, EPI_ISL_1127443, EPI_ISL_1127444, EPI_ISL_1127445, EPI_ISL_1127446, EPI_ISL_1127447, EPI_ISL_1127448, EPI_ISL_1127449, EPI_ISL_1127450, EPI_ISL_1127451, EPI_ISL_1127681, EPI_ISL_1127682, EPI_ISL_1127683, EPI_ISL_1127684, EPI_ISL_1127685, EPI_ISL_1127686, EPI_ISL_1127687, EPI_ISL_1127688, EPI_ISL_1127689, EPI_ISL_1127690, EPI_ISL_1127691, EPI_ISL_1127692, EPI_ISL_1127693, EPI_ISL_1127694, EPI_ISL_1127695, EPI_ISL_1127696, EPI_ISL_1127697, EPI_ISL_1127698, EPI_ISL_1127699, EPI_ISL_1127700, EPI_ISL_1127701, EPI_ISL_1127702, EPI_ISL_1127703, EPI_ISL_1127704, EPI_ISL_1127705, EPI_ISL_1127706, EPI_ISL_1127707, EPI_ISL_1127708, EPI_ISL_1127709, EPI_ISL_1127710, EPI_ISL_1127711, EPI_ISL_1127712, EPI_ISL_1127713, EPI_ISL_1127714, EPI_ISL_1127715, EPI_ISL_1127716, EPI_ISL_1127717, EPI_ISL_1127718, EPI_ISL_1127719, EPI_ISL_1127720, EPI_ISL_1127721, EPI_ISL_1127722, EPI_ISL_1127723, EPI_ISL_1127724, EPI_ISL_1127725, EPI_ISL_1127726, EPI_ISL_1127727, EPI_ISL_1127728, EPI_ISL_1127729, EPI_ISL_1127730, EPI_ISL_1127731, EPI_ISL_1127732, EPI_ISL_1127733, EPI_ISL_1127734, EPI_ISL_1127735, EPI_ISL_1127736, EPI_ISL_1127737, EPI_ISL_1127738	see above	Pathogen Genomics Center, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_1127947, EPI_ISL_1127948, EPI_ISL_1127949, EPI_ISL_1127950, EPI_ISL_1127951, EPI_ISL_1127952, EPI_ISL_1127953	Osaka Institute of Public Health, Morinomiya Center	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda	
EPI_ISL_1127999	Kanagawa Prefectural Institute of Public Health	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda	
EPI_ISL_1128176, EPI_ISL_1128273, EPI_ISL_1128274, EPI_ISL_1128275, EPI_ISL_1128276, EPI_ISL_1128277, EPI_ISL_1128278, EPI_ISL_1128279, EPI_ISL_1128280, EPI_ISL_1128281, EPI_ISL_1128599, EPI_ISL_1128600, EPI_ISL_1128601, EPI_ISL_1128602, EPI_ISL_1128761, EPI_ISL_1128762, EPI_ISL_1128763, EPI_ISL_1128764, EPI_ISL_1128765, EPI_ISL_1128766, EPI_ISL_1128767, EPI_ISL_1128768, EPI_ISL_1129034, EPI_ISL_1129035, EPI_ISL_1129036, EPI_ISL_1129037, EPI_ISL_1129038, EPI_ISL_1129039, EPI_ISL_1129040, EPI_ISL_1129041, EPI_ISL_1129042, EPI_ISL_1129043, EPI_ISL_1129044, EPI_ISL_1129045, EPI_ISL_1129046, EPI_ISL_1129047, EPI_ISL_1129048, EPI_ISL_1129049, EPI_ISL_1129049, EPI_ISL_1129050, EPI_ISL_1129051, EPI_ISL_1129052, EPI_ISL_1129053, EPI_ISL_1129054, EPI_ISL_1129055, EPI_ISL_1129056, EPI_ISL_1129057, EPI_ISL_1129073, EPI_ISL_1129074, EPI_ISL_1129075, EPI_ISL_1129076, EPI_ISL_1129077, EPI_ISL_1129078, EPI_ISL_1129079, EPI_ISL_1129080, EPI_ISL_1129081, EPI_ISL_1129082, EPI_ISL_1129083, EPI_ISL_1129084, EPI_ISL_1129085, EPI_ISL_1129086, EPI_ISL_1129087, EPI_ISL_1129088, EPI_ISL_1129094, EPI_ISL_1129095, EPI_ISL_1129096, EPI_ISL_1129097, EPI_ISL_1129098, EPI_ISL_1129099, EPI_ISL_1129104, EPI_ISL_1129105, EPI_ISL_1129106, EPI_ISL_1129107, EPI_ISL_1129108, EPI_ISL_1129109, EPI_ISL_1129127, EPI_ISL_1129128, EPI_ISL_1129129, EPI_ISL_1129151, EPI_ISL_1129152, EPI_ISL_1129153, EPI_ISL_1129154, EPI_ISL_1129155, EPI_ISL_1129156, EPI_ISL_1129157, EPI_ISL_1129158, EPI_ISL_1129159, EPI_ISL_1129160, EPI_ISL_1129161, EPI_ISL_1129162, EPI_ISL_1129163, EPI_ISL_1129164, EPI_ISL_1129177, EPI_ISL_1129178, EPI_ISL_1129179, EPI_ISL_1129180, EPI_ISL_1129181, EPI_ISL_1129182, EPI_ISL_1129183, EPI_ISL_1129184, EPI_ISL_1129185, EPI_ISL_1129198, EPI_ISL_1129199, EPI_ISL_1129200, EPI_ISL_1129201, EPI_ISL_1129202, EPI_ISL_1129203, EPI_ISL_1129212, EPI_ISL_1129213, EPI_ISL_1129214	see above	Pathogen Genomics Center, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_1129310	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Christian Beisel, Sarah Nadeau, Chaoran Chen, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreiffuss, 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_1129587	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Catharine Aquino, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Andreia Cabral de Gouvea, Maria Domenica Moccia, Simon Grütter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patrignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1129936, EPI_ISL_1129938, EPI_ISL_1130045, EPI_ISL_1130111, EPI_ISL_1130203	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_1130220	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Catharine Aquino, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Andreia Cabral de Gouvea, Maria Domenica Moccia, Simon Grütter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patrignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1130724	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_1130791, EPI_ISL_1130804, EPI_ISL_1131003	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Catharine Aquino, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Andreia Cabral de Gouvea, Maria Domenica Moccia, Simon Grütter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patrignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
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EPI_ISL_1132971, EPI_ISL_1132973, EPI_ISL_1132975, EPI_ISL_1132978, EPI_ISL_1132987, EPI_ISL_1132988, EPI_ISL_1132990, EPI_ISL_1132992, EPI_ISL_1132998, EPI_ISL_1133001, EPI_ISL_1133003, EPI_ISL_1133004, EPI_ISL_1133005, EPI_ISL_1133006, EPI_ISL_1133014, EPI_ISL_1133017, EPI_ISL_1133018, EPI_ISL_1133019, EPI_ISL_1133020, EPI_ISL_1133021, EPI_ISL_1133022, EPI_ISL_1133023, EPI_ISL_1133027, EPI_ISL_1133028, EPI_ISL_1133030, EPI_ISL_1133033, EPI_ISL_1133035, EPI_ISL_1133038, EPI_ISL_1133039, EPI_ISL_1133040, EPI_ISL_1133041, EPI_ISL_1133042, EPI_ISL_1133044, EPI_ISL_1133045, EPI_ISL_1133047, EPI_ISL_1133048, EPI_ISL_1133049, EPI_ISL_1133051, EPI_ISL_1133052, EPI_ISL_1133053, EPI_ISL_1133057, EPI_ISL_1133058, EPI_ISL_1133059, EPI_ISL_1133062, EPI_ISL_1133063, EPI_ISL_1133067, EPI_ISL_1133068, EPI_ISL_1133069, EPI_ISL_1133070, EPI_ISL_1133071, EPI_ISL_1133072, EPI_ISL_1133073, EPI_ISL_1133074, EPI_ISL_1133076, EPI_ISL_1133077, EPI_ISL_1133078, EPI_ISL_1133079, EPI_ISL_1133080, EPI_ISL_1133082, EPI_ISL_1133083, EPI_ISL_1133084, EPI_ISL_1133085, EPI_ISL_1133086, EPI_ISL_1133087, EPI_ISL_1133089, EPI_ISL_1133090, EPI_ISL_1133091, EPI_ISL_1133092, EPI_ISL_1133093, EPI_ISL_1133094, EPI_ISL_1133095, EPI_ISL_1133096, EPI_ISL_1133097, EPI_ISL_1133098, EPI_ISL_1133099	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
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EPI_ISL_1137039, EPI_ISL_1137040, EPI_ISL_1137044, EPI_ISL_1137047	Delaware Public Health Lab	Delaware Public Health Lab	Gregory Hovan
EPI_ISL_1137173, EPI_ISL_1137209, EPI_ISL_1137210, EPI_ISL_1137211, EPI_ISL_1137212, EPI_ISL_1137213, EPI_ISL_1137214, EPI_ISL_1137215, EPI_ISL_1137216, EPI_ISL_1137217, EPI_ISL_1137218, EPI_ISL_1137219, EPI_ISL_1137221, EPI_ISL_1137222, EPI_ISL_1137223, EPI_ISL_1137224, EPI_ISL_1137225, EPI_ISL_1137226, EPI_ISL_1137227, EPI_ISL_1137229, EPI_ISL_1137230, EPI_ISL_1137231, EPI_ISL_1137232, EPI_ISL_1137233, EPI_ISL_1137234, EPI_ISL_1137235, EPI_ISL_1137236, EPI_ISL_1137237, EPI_ISL_1137238			
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EPI_ISL_1137479, EPI_ISL_1137480, EPI_ISL_1137481, EPI_ISL_1137482, EPI_ISL_1137483, EPI_ISL_1137484, EPI_ISL_1137485, EPI_ISL_1137486, EPI_ISL_1137487, EPI_ISL_1137488, EPI_ISL_1137489, EPI_ISL_1137490, EPI_ISL_1137491			
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EPI_ISL_1138510	Illinois Department of Public Health	Gagnon Lab, Southern Illinois University	Keith Gagnon
EPI_ISL_1138600, EPI_ISL_1138601, EPI_ISL_1138602, EPI_ISL_1138603, EPI_ISL_1138604, EPI_ISL_1138607, EPI_ISL_1138608, EPI_ISL_1138609, EPI_ISL_1138610, EPI_ISL_1138611, EPI_ISL_1138615, EPI_ISL_1138616, EPI_ISL_1138617, EPI_ISL_1138621, EPI_ISL_1138622, EPI_ISL_1138623, EPI_ISL_1138624, EPI_ISL_1138625, EPI_ISL_1138628, EPI_ISL_1138629, EPI_ISL_1138630, EPI_ISL_1138632, EPI_ISL_1138635, EPI_ISL_1138636, EPI_ISL_1138637, EPI_ISL_1138638, EPI_ISL_1138639, EPI_ISL_1138640, EPI_ISL_1138643, EPI_ISL_1138644, EPI_ISL_1138645, EPI_ISL_1138646, EPI_ISL_1138647, EPI_ISL_1138651, EPI_ISL_1138653, EPI_ISL_1138654, EPI_ISL_1138657, EPI_ISL_1138658, EPI_ISL_1138659, EPI_ISL_1138660, EPI_ISL_1138664, EPI_ISL_1138665, EPI_ISL_1138666, EPI_ISL_1138667, EPI_ISL_1138671, EPI_ISL_1138672, EPI_ISL_1138673, EPI_ISL_1138674, EPI_ISL_1138677, EPI_ISL_1138678, EPI_ISL_1138679, EPI_ISL_1138681			
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EPI_ISL_1140353, EPI_ISL_1140355, EPI_ISL_1140356, EPI_ISL_1140359, EPI_ISL_1140362, EPI_ISL_1140364, EPI_ISL_1140365	Labor ZOTZ KLIMAS; MVZ Düsseldorf-Centrum	Robert Koch Institute	unknown
EPI_ISL_1141013, EPI_ISL_1141015	Labor Kneißler GmbH & Co. KG	Robert Koch Institute	unknown
EPI_ISL_1143958	Bayerisches Landesamt für Gesundheit und Lebensmittelsicherheit (LGL)	Robert Koch Institute	unknown
EPI_ISL_1144913, EPI_ISL_1144914, EPI_ISL_1144915, EPI_ISL_1144917, EPI_ISL_1144918, EPI_ISL_1144919, EPI_ISL_1144920, EPI_ISL_1144921, EPI_ISL_1144922	Medizinische Hochschule Hannover Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1159071, EPI_ISL_1159072, EPI_ISL_1159073, EPI_ISL_1159074, EPI_ISL_1159075, EPI_ISL_1159076, EPI_ISL_1159077, EPI_ISL_1159078, EPI_ISL_1159079, EPI_ISL_1159080, EPI_ISL_1159083, EPI_ISL_1159085, EPI_ISL_1159087, EPI_ISL_1159089, EPI_ISL_1159091, EPI_ISL_1159092, EPI_ISL_1159096, EPI_ISL_1159102			
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EPI_ISL_1159387	Adi Husada Kapasari Hospital	Institute of Tropical Disease, Universitas Airlangga	Maria I Lusida, Krisnoadi Rahardjo, Aldise M Nastri, Jezzy R Dewantari, Rima R Prasetya, Hermanto Wijaya, Gatot Soegiarto, Laksmi Wulandari, Resti Yudhawati, Soetjipto, Yasuko Mori, Kazufumi Shimizu
EPI_ISL_1159388	Paru Hospital	Institute of Tropical Disease, Universitas Airlangga	Aldise M Nastri, Jezzy R Dewantari, Rima R Prasetya, Krisnoadi Rahardjo, Dyah Retno, Gatot Soegiarto, Laksmi Wulandari, Resti Yudhawati, Soetjipto, Yasuko Mori, Maria I Lusida, Kazufumi Shimizu
EPI_ISL_1159389	Darmo Hospital	Institute of Tropical Disease, Universitas Airlangga	Jezzy R Dewantari, Rima R Prasetya, Krisnoadi Rahardjo, Aldise M Nastri, Sulung Budianto, Gatot Soegiarto, Laksmi Wulandari, Resti Yudhawati, Soetjipto, Yasuko Mori, Maria I Lusida, Kazufumi Shimizu
EPI_ISL_1160138, EPI_ISL_1160148, EPI_ISL_1160152, EPI_ISL_1160155, EPI_ISL_1160157, EPI_ISL_1160161, EPI_ISL_1160174, EPI_ISL_1160182	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_1163832, EPI_ISL_1163833, EPI_ISL_1163834, EPI_ISL_1163838, EPI_ISL_1163842, EPI_ISL_1163843, EPI_ISL_1163845	Microbiology and Virology Unit, Azienda Ospedale Padova, Padova, Italy	Department of Molecular Medicine, Computational Medicine Group, Univeresity of Padova, Padova, Italy	Elisa Franchin, Claudia Del Vecchio, Francesco Onelia, Stefano Toppo, Enrico Lavezzo, Laura Manuto, Federico Bianca , Marco Grazioli, Andrea Crisanti
EPI_ISL_1164686, EPI_ISL_1164687, EPI_ISL_1164688, EPI_ISL_1164689, EPI_ISL_1164691, EPI_ISL_1164692, EPI_ISL_1164693, EPI_ISL_1164694, EPI_ISL_1164695, EPI_ISL_1164696, EPI_ISL_1164697, EPI_ISL_1164698			
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EPI_ISL_1164931	Ohio Department of Health Laboratory	Ohio Department of Health Laboratory	Holmes, Jennifer; Eric Brandt, Keoni Omura, Glen McGillivray, Caitlin McDonnell, Jade Mowery, Stephanie Mccracken, Tyler Payne, Kirtana Ramadugu, Erica Leasure, Brent Lee, Kelsey Florek, Heather Blankenship, Allison Black, Quanta Brown, and Tammy Bannerman
EPI_ISL_1165079, EPI_ISL_1165080	Medical Ain Shams Research Institute (MASRI), Ain Shams University	Medical Ain Shams Research Institute (MASRI), Ain Shams University	Hesham Elghazaly, Sara Hassan Agwa, Hala Hafez , Fatma Ebied, Manal Hamdy Elsaid, Mohamed Elhadidi, Aya Mohamed , Shima Moustafa, Reham Kassab, Iman Foda , Samia Abdou Girgis, Hoda Ezz Elarab, Hagar Elshora, Osama Mansour.
EPI_ISL_1165442	Ohio Department of Health Laboratory	Ohio Department of Health Laboratory	Holmes, Jennifer; Eric Brandt, Keoni Omura, Glen McGillivray, Caitlin McDonnell, Jade Mowery, Stephanie Mccracken, Tyler Payne, Kirtana Ramadugu, Erica Leasure, Brent Lee, Kelsey Florek, Heather Blankenship, Allison Black, Quanta Brown, and Tammy Bannerman
EPI_ISL_1167040, EPI_ISL_1167041, EPI_ISL_1167042, EPI_ISL_1167043, EPI_ISL_1167044, EPI_ISL_1167045, EPI_ISL_1167050, EPI_ISL_1167052, EPI_ISL_1167056, EPI_ISL_1167058, EPI_ISL_1167061, EPI_ISL_1167063			
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EPI_ISL_1167709, EPI_ISL_1167710	Genetica Molecular and Subdepartamento de Virologia ISP Chile	Instituto de Salud Publica de Chile	Javier Tognarelli, Karen Orostica, Barbara Parra, Loredana Arata, Jaime Lagos, Gisselle Barra, Patricia Bustos, Rodrigo Fasce, Andres Castillo, Jorge Fernandez
EPI_ISL_1168662, EPI_ISL_1168663, EPI_ISL_1168669, EPI_ISL_1168679	Centers for Disease Control and Prevention, Dengue Branch	Centers for Disease Control and Prevention, Dengue Branch	Gilberto A. Santiago, Glenda Gonzalez, Betzabel Flores, Keyla Charriez, Gabriela Paz-Bailey, Jorge L. Munoz-Jordan
EPI_ISL_1169534, EPI_ISL_1169535, EPI_ISL_1169537	Commonwealth Healthcare Center	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1169697, EPI_ISL_1169699, EPI_ISL_1169701, EPI_ISL_1169702, EPI_ISL_1169703, EPI_ISL_1169704, EPI_ISL_1169705, EPI_ISL_1169706, EPI_ISL_1169707, EPI_ISL_1169710, EPI_ISL_1169711, EPI_ISL_1169714, EPI_ISL_1169715			
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EPI_ISL_626124, EPI_ISL_626127, EPI_ISL_626132, EPI_ISL_626133, EPI_ISL_626134, EPI_ISL_626138, EPI_ISL_626139, EPI_ISL_626146, EPI_ISL_626148, EPI_ISL_626149, EPI_ISL_626157, EPI_ISL_626164			
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EPI_ISL_651107, EPI_ISL_652401, EPI_ISL_652402, EPI_ISL_652403, EPI_ISL_652404, EPI_ISL_652405, EPI_ISL_652408, EPI_ISL_652409, EPI_ISL_652410, EPI_ISL_652411, EPI_ISL_652412			
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EPI_ISL_654799, EPI_ISL_654800, EPI_ISL_654801, EPI_ISL_654802, EPI_ISL_654803, EPI_ISL_654804, EPI_ISL_654805, EPI_ISL_654806, EPI_ISL_654808	SA Pathology	SA Pathology	Lex Leong, Julien Soubrier, Chuan Kok Lim, Song Gao, Mark Turra, Karin Kassahn, Ivan Bastian, Geoff Higgins
EPI_ISL_660070	Zurita & Zurita Laboratories	Zurita & Zurita Laboratories	Gabriela Sevillano Camilo Zurita-Salinas Karen Loaiza David Ortega-Parades Jeannete Zurita
EPI_ISL_660229, EPI_ISL_660231, EPI_ISL_660232, EPI_ISL_660256, EPI_ISL_660257	KRISP, KZN Research Innovation and Sequencing Platform	KRISP, KZN Research Innovation and Sequencing Platform	Giandhari J, Pillay S, Lessells R, Mdlalose K, York D, Khan S, Tegally H, Wilkinson E, de Oliveira T
EPI_ISL_661218, EPI_ISL_661219, EPI_ISL_661220, EPI_ISL_661222, EPI_ISL_661224, EPI_ISL_661225, EPI_ISL_661226, EPI_ISL_661228, EPI_ISL_661230, EPI_ISL_661231, EPI_ISL_661232, EPI_ISL_661233, EPI_ISL_661234, EPI_ISL_661236, EPI_ISL_661238, EPI_ISL_661239, EPI_ISL_661240, EPI_ISL_661241			
see above	Department of Clinical Microbiology	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_661258	LabPLUS	Institute of Environmental Science and Research (ESR)	Xiaoyun Ren, Matt Storey, Nikki Freed, Muhammad Faisal, Jing Wang, Hermes Perez, Anja Werno, Antje van der Linden, Arlo Upton, Chris Mansell, David Hammer, Dragana Drinkovic, Gary McAuliffe, Hana Sofia Andersson, James Ussher, Jill Sherwood, Josh Freeman, Julia Howard, Juliet Elvy, Mary DeAlmeida, Matt Blakiston, Matthew Rogers, Max Bloomfield, Michael Addidle, Michelle Balm, Sally Roberts, Sarah Jefferies, Sharmini Muttaiyah, Susan Morpeth, Susan Taylor, Timothy Blackmore, Vani Sathyendran, Veronica Playle, Virginia Hope, Erasmus Smit, Lauren Jelly, Olin Silander, Joep de Ligt
EPI_ISL_665005, EPI_ISL_665013	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun, Yasmin Chaudhry, Grant Hall, Iliana Georgana, Myra Hosmillo, Martin D. Curran, Malte Pinckert, Surendra Parmar, Ian Goodfellow
EPI_ISL_665636	University College London Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Judith Heaney, Matthew Byott, Catherine Houlihan, Dan Frampton, Stuart Kirk, Moira Spyer and Eleni Nastouli
EPI_ISL_665641	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_665840, EPI_ISL_665841, EPI_ISL_665848	University College London Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Judith Heaney, Matthew Byott, Catherine Houlihan, Dan Frampton, Stuart Kirk, Moira Spyer and Eleni Nastouli
EPI_ISL_665908, EPI_ISL_665910, EPI_ISL_665911, EPI_ISL_665914, EPI_ISL_665916, EPI_ISL_665918, EPI_ISL_665923, EPI_ISL_665924, EPI_ISL_665925, EPI_ISL_665926, EPI_ISL_665927, EPI_ISL_665932, EPI_ISL_665933, EPI_ISL_665936, EPI_ISL_665937			
see above	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Gemma Clark, Wendy Smith, Manjinder Khakh, Vicki M Fleming, Michelle M Lister, Hannah Howson-Wells, Jonathan Ball, Patrick McClure, Joseph Chappell, Theocharis Tsoleridis, Nadine Holmes, Matthew Carlisle, Christopher Moore, Fei Sang, Johnny Debebe, Victoria Wright, Matthew Loose

EPI_ISL_666046, EPI_ISL_666050, EPI_ISL_666057	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_668601, EPI_ISL_668606, EPI_ISL_668635, EPI_ISL_668636, EPI_ISL_668663, EPI_ISL_668667, EPI_ISL_668668, EPI_ISL_668669, EPI_ISL_668671, EPI_ISL_668672, EPI_ISL_668718, EPI_ISL_668719, EPI_ISL_668853, EPI_ISL_668855, EPI_ISL_668858, EPI_ISL_668859, EPI_ISL_668861, EPI_ISL_668863, EPI_ISL_668867, EPI_ISL_668868, EPI_ISL_668869, EPI_ISL_668870, EPI_ISL_668871, EPI_ISL_668872, EPI_ISL_668873, EPI_ISL_668874, EPI_ISL_668875, EPI_ISL_668877, EPI_ISL_668878, EPI_ISL_668880, EPI_ISL_668883, EPI_ISL_668884, EPI_ISL_668885, EPI_ISL_668887, EPI_ISL_668889, EPI_ISL_668893, EPI_ISL_668894, EPI_ISL_668896, EPI_ISL_668900, EPI_ISL_668903, EPI_ISL_668904, EPI_ISL_668905, EPI_ISL_668907, EPI_ISL_668908, EPI_ISL_668909, EPI_ISL_668910, EPI_ISL_668911, EPI_ISL_668912, EPI_ISL_668913, EPI_ISL_668914, EPI_ISL_668915, EPI_ISL_668918, EPI_ISL_668923, EPI_ISL_668924, EPI_ISL_668925, EPI_ISL_668927, EPI_ISL_668928, EPI_ISL_668930, EPI_ISL_668931, EPI_ISL_668932, EPI_ISL_668933, EPI_ISL_668936, EPI_ISL_668937, EPI_ISL_668940, EPI_ISL_668943, EPI_ISL_668944, EPI_ISL_668946, EPI_ISL_668947, EPI_ISL_668948, EPI_ISL_668949, EPI_ISL_668950, EPI_ISL_668951, EPI_ISL_668952, EPI_ISL_668954, EPI_ISL_668956	see above	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen Lab, Department of Chemistry and Bioscience, Aalborg University, Denmark	Danish Covid-19 Genome Consortium
EPI_ISL_671883	National Virus Reference Laboratory	National Virus Reference Laboratory	Michael Carr, Gabriel Gonzalez, Jonathan Dean, Daniel Hare, Cillian F De Gascun	
EPI_ISL_672758, EPI_ISL_672764, EPI_ISL_672782, EPI_ISL_672799, EPI_ISL_672837, EPI_ISL_672850, EPI_ISL_672853, EPI_ISL_672857, EPI_ISL_672864, EPI_ISL_672894	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team	
EPI_ISL_673288, EPI_ISL_673443	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team	
EPI_ISL_674863	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team	
EPI_ISL_676491, EPI_ISL_676502, EPI_ISL_676503, EPI_ISL_676504	Klinisk mikrobiologi	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden	
EPI_ISL_678261, EPI_ISL_678264, EPI_ISL_678265, EPI_ISL_678266, EPI_ISL_678267	Communicable Disease Laboratory, Public Health Directorate	Communicable Disease Laboratory, Public Health Directorate	Alwasti,H., Altaif,Z., AlHujairi,Z., AlAbbas,Z.	
EPI_ISL_678456, EPI_ISL_678457, EPI_ISL_678458, EPI_ISL_678459, EPI_ISL_678461, EPI_ISL_678464, EPI_ISL_678465, EPI_ISL_678466, EPI_ISL_678469, EPI_ISL_678470, EPI_ISL_678472, EPI_ISL_678473, EPI_ISL_678475, EPI_ISL_678478, EPI_ISL_678479, EPI_ISL_678480, EPI_ISL_678483, EPI_ISL_678484, EPI_ISL_678485	see above	Department of Clinical Microbiology	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_678706, EPI_ISL_678719	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team	
EPI_ISL_679161, EPI_ISL_679165, EPI_ISL_679166, EPI_ISL_679167, EPI_ISL_679168, EPI_ISL_679179, EPI_ISL_679191, EPI_ISL_679193	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun, Yasmin Chaudhry, Grant Hall, Iliana Georgana, Myra Hosmillo, Martin D. Curran, Malte Pinckert, Surendra Parmar, Ian Goodfellow	
EPI_ISL_679256, EPI_ISL_679258, EPI_ISL_679263, EPI_ISL_679278, EPI_ISL_679308, EPI_ISL_679313	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Gemma Clark, Wendy Smith, Manjinder Khakh, Vicki M Fleming, Michelle M Lister, Hannah Howson-Wells, Jonathan Ball, Patrick McClure, Joseph Chappell, Theocharis Tsoieridis, Nadine Holmes, Matthew Carlisle, Christopher Moore, Fei Sang, Johnny Debebe, Victoria Wright, Matthew Loose	
EPI_ISL_679407, EPI_ISL_679416, EPI_ISL_679417, EPI_ISL_679420, EPI_ISL_679421, EPI_ISL_679422, EPI_ISL_679423, EPI_ISL_679424, EPI_ISL_679425, EPI_ISL_679426, EPI_ISL_679432, EPI_ISL_679433, EPI_ISL_679434, EPI_ISL_679437, EPI_ISL_679438, EPI_ISL_679441, EPI_ISL_679442, EPI_ISL_679446	see above	University College London Hospital	Judith Heaney, Matthew Byott, Catherine Houlihan, Dan Frampton, Stuart Kirk, Moira Spyer and Eleni Nastouli	
EPI_ISL_679944	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Gemma Clark, Wendy Smith, Manjinder Khakh, Vicki M Fleming, Michelle M Lister, Hannah Howson-Wells, Jonathan Ball, Patrick McClure, Joseph Chappell, Theocharis Tsoieridis, Nadine Holmes, Matthew Carlisle, Christopher Moore, Fei Sang, Johnny Debebe, Victoria Wright, Matthew Loose	
EPI_ISL_679951, EPI_ISL_679954	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_680144	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_680461, EPI_ISL_680467, EPI_ISL_680486, EPI_ISL_680490, EPI_ISL_680491, EPI_ISL_680493, EPI_ISL_680541, EPI_ISL_680542, EPI_ISL_680549, EPI_ISL_680550, EPI_ISL_680552, EPI_ISL_680553, EPI_ISL_680555	see above	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian / School of Biological Sciences, University of Edinburgh / Institute of Genetics and Molecular Medicine, University of Edinburgh	COVID-19 Genomics UK (COG-UK) Consortium	McHugh M, Dewar R, Rooke S, Gallagher M, Balcaza C, O'Toole Á, Scher E, Hill V, McCrone JT, Colquhoun R, Yu X, Jackson B, Rambaut A, Williams TC, Templeton K
EPI_ISL_680610, EPI_ISL_680662, EPI_ISL_680665, EPI_ISL_680666, EPI_ISL_680670	Wales Specialist Virology Centre Sequencing lab: Pathogen Genomics Unit	COVID-19 Genomics UK (COG-UK) Consortium	Catherine Moore, Johnathan Evans, Laura Gifford, Malorie Perry, Simon Cottrell, Angela Marchbank, Alec Birchley, Alexander Adams, Amy Gaskin, Bree Gatica-Wilcox, Jason Coombes, Joel Southgate, Lauren Gilbert, Lee Graham, Nicole Pacchiarini, Sara Kumziene-Summerhayes, Sarah Taylor, Sophie Jones, Sara Rey, Matthew Bull, Joanne Watkins, Sally Corden, Tom Connor	
EPI_ISL_681325, EPI_ISL_681329, EPI_ISL_681331, EPI_ISL_681332, EPI_ISL_681333, EPI_ISL_681336, EPI_ISL_681337, EPI_ISL_681338, EPI_ISL_681341, EPI_ISL_681343, EPI_ISL_681344, EPI_ISL_681346, EPI_ISL_681350, EPI_ISL_681352, EPI_ISL_681354, EPI_ISL_681359, EPI_ISL_681363, EPI_ISL_681364, EPI_ISL_681367, EPI_ISL_681371, EPI_ISL_681373, EPI_ISL_681379, EPI_ISL_681387, EPI_ISL_681397, EPI_ISL_681401, EPI_ISL_681406, EPI_ISL_681407, EPI_ISL_681408, EPI_ISL_681409, EPI_ISL_681411, EPI_ISL_681414, EPI_ISL_681415, EPI_ISL_681417, EPI_ISL_681420, EPI_ISL_681422, EPI_ISL_681423, EPI_ISL_681426, EPI_ISL_681428, EPI_ISL_681431, EPI_ISL_681433, EPI_ISL_681437, EPI_ISL_681438, EPI_ISL_681440, EPI_ISL_681443, EPI_ISL_681444, EPI_ISL_681449, EPI_ISL_681450, EPI_ISL_681451, EPI_ISL_681452, EPI_ISL_681454, EPI_ISL_681455, EPI_ISL_681456, EPI_ISL_681467, EPI_ISL_681470, EPI_ISL_681474, EPI_ISL_681475, EPI_ISL_681476, EPI_ISL_681480, EPI_ISL_681481, EPI_ISL_681485, EPI_ISL_681489, EPI_ISL_681490, EPI_ISL_681495, EPI_ISL_681498, EPI_ISL_681504, EPI_ISL_681508, EPI_ISL_681516, EPI_ISL_681517, EPI_ISL_681518, EPI_ISL_681520, EPI_ISL_681521, EPI_ISL_681524, EPI_ISL_681525, EPI_ISL_681526, EPI_ISL_681529, EPI_ISL_681531, EPI_ISL_681532, EPI_ISL_681538, EPI_ISL_681546, EPI_ISL_681548, EPI_ISL_681549, EPI_ISL_681553, EPI_ISL_681555, EPI_ISL_681559, EPI_ISL_681560, EPI_ISL_681562, EPI_ISL_681563, EPI_ISL_681564, EPI_ISL_681565, EPI_ISL_681567, EPI_ISL_681568, EPI_ISL_681569, EPI_ISL_681572, EPI_ISL_681574, EPI_ISL_681575, EPI_ISL_681577, EPI_ISL_681580, EPI_ISL_681582, EPI_ISL_681583, EPI_ISL_681586, EPI_ISL_681589, EPI_ISL_681590, EPI_ISL_681591, EPI_ISL_681593, EPI_ISL_681594, EPI_ISL_681595, EPI_ISL_681602, EPI_ISL_681608, EPI_ISL_681609, EPI_ISL_681613, EPI_ISL_681614, EPI_ISL_681615, EPI_ISL_681619, EPI_ISL_681621, EPI_ISL_681623, EPI_ISL_681625, EPI_ISL_681627, EPI_ISL_681629, EPI_ISL_681633, EPI_ISL_681635, EPI_ISL_681636, EPI_ISL_681639, EPI_ISL_681640, EPI_ISL_681641, EPI_ISL_681642, EPI_ISL_681646, EPI_ISL_681647, EPI_ISL_681649, EPI_ISL_681650, EPI_ISL_681653, EPI_ISL_681655	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_682279, EPI_ISL_682282, EPI_ISL_682287, EPI_ISL_682288	Middlemore Hospital	Institute of Environmental Science and Research (ESR)	Xiaoyun Ren, Matt Storey, Nikki Freed, Muhammad Faisal, Jing Wang, Hermes Perez, Anja Werno, Antje van der Linden, Arlo Upton, Chris Mansell, David Hammer, Dragana Drinkovic, Gary McAuliffe, Hana Sofia Andersson, James Ussher, Jill Sherwood, Josh Freeman, Julia Howard, Juliet Elvy, Mary DeAlmeida, Matt Blakiston, Matthew Rogers, Max Bloomfield, Michael Addidle, Michelle Balm, Sally Roberts, Sarah Jefferies, Sharmini Muttaiyah, Susan Morpeth, Susan Taylor, Timothy Blackmore, Vani Sathyendran, Veronica Playle, Virginia Hope, Erasmus Smit, Lauren Jelly, Olin Silander, Joep de Ligt	
EPI_ISL_682292	LabPLUS	Institute of Environmental Science and Research (ESR)	Xiaoyun Ren, Matt Storey, Nikki Freed, Muhammad Faisal, Jing Wang, Hermes Perez, Anja Werno, Antje van der Linden, Arlo Upton, Chris Mansell, David Hammer, Dragana Drinkovic, Gary McAuliffe, Hana Sofia Andersson, James Ussher, Jill Sherwood, Josh Freeman, Julia Howard, Juliet Elvy, Mary DeAlmeida, Matt Blakiston, Matthew Rogers, Max Bloomfield, Michael Addidle, Michelle Balm, Sally Roberts, Sarah Jefferies, Sharmini Muttaiyah, Susan Morpeth, Susan Taylor, Timothy Blackmore, Vani Sathyendran, Veronica Playle, Virginia Hope, Erasmus Smit, Lauren Jelly, Olin Silander, Joep de Ligt	
EPI_ISL_682296	Canterbury Health Laboratories	Institute of Environmental Science and Research (ESR)	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	





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			Team
EPI_ISL_703705, EPI_ISL_703777, EPI_ISL_703778, EPI_ISL_703780, EPI_ISL_703783  EPI_ISL_703786	Lighthouse Lab in Alderley Park   Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
   EPI_ISL_703788	   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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
   EPI_ISL_703790	   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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_703791, EPI_ISL_703793, EPI_ISL_703795, EPI_ISL_703796, EPI_ISL_703798  EPI_ISL_703801	Lighthouse Lab in Alderley Park   Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
   EPI_ISL_703803, EPI_ISL_703804	   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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
   EPI_ISL_703808	   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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_703809, EPI_ISL_703812, EPI_ISL_703814	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_703816, EPI_ISL_703819, EPI_ISL_703820, EPI_ISL_703822, EPI_ISL_703824, EPI_ISL_703825, EPI_ISL_703830, EPI_ISL_703836, EPI_ISL_703840, EPI_ISL_703841, EPI_ISL_703843, EPI_ISL_703851, EPI_ISL_703852, EPI_ISL_703854, EPI_ISL_703861, EPI_ISL_703862, EPI_ISL_703866, EPI_ISL_703869, EPI_ISL_703878, EPI_ISL_703880, EPI_ISL_703882, EPI_ISL_703883, EPI_ISL_703887, EPI_ISL_703889, EPI_ISL_703890, EPI_ISL_703895, EPI_ISL_703900, EPI_ISL_703901, EPI_ISL_703906, EPI_ISL_703909, EPI_ISL_703910, EPI_ISL_703912, EPI_ISL_703917, EPI_ISL_703919, EPI_ISL_703925, EPI_ISL_703928, EPI_ISL_703930, EPI_ISL_703933, EPI_ISL_703934, EPI_ISL_703938, EPI_ISL_703943, EPI_ISL_703944, EPI_ISL_703951, EPI_ISL_703956, EPI_ISL_703962, EPI_ISL_703967, EPI_ISL_703972, EPI_ISL_703976, EPI_ISL_703980, EPI_ISL_703981, EPI_ISL_703983, EPI_ISL_703984, EPI_ISL_703986, EPI_ISL_703988, EPI_ISL_703989, EPI_ISL_703991, EPI_ISL_703994, EPI_ISL_703997, EPI_ISL_703999, EPI_ISL_704000, EPI_ISL_704002, EPI_ISL_704004, EPI_ISL_704005, EPI_ISL_704007, EPI_ISL_704008, EPI_ISL_704010, EPI_ISL_704013, EPI_ISL_704016, EPI_ISL_704018, EPI_ISL_704023, EPI_ISL_704024, EPI_ISL_704026, EPI_ISL_704029, EPI_ISL_704031, EPI_ISL_704034, EPI_ISL_704035, EPI_ISL_704037, EPI_ISL_704040, EPI_ISL_704042, EPI_ISL_704045, EPI_ISL_704048, EPI_ISL_704051, EPI_ISL_704053, EPI_ISL_704056, EPI_ISL_704059, EPI_ISL_704063, EPI_ISL_704064, EPI_ISL_704066, EPI_ISL_704071, EPI_ISL_704072, EPI_ISL_704077, EPI_ISL_704078, EPI_ISL_704080, EPI_ISL_704082, EPI_ISL_704083, EPI_ISL_704085, EPI_ISL_704088, EPI_ISL_704090, EPI_ISL_704091, EPI_ISL_704093, EPI_ISL_704094, EPI_ISL_704096, EPI_ISL_704099, EPI_ISL_704104, EPI_ISL_704106, EPI_ISL_704107, EPI_ISL_704109, EPI_ISL_704110, EPI_ISL_704114, EPI_ISL_704116, EPI_ISL_704121, EPI_ISL_704122, EPI_ISL_704124, EPI_ISL_704125, EPI_ISL_704130, EPI_ISL_704133, EPI_ISL_704136, EPI_ISL_704140, EPI_ISL_704143, EPI_ISL_704144, EPI_ISL_704146, EPI_ISL_704148, EPI_ISL_704152, EPI_ISL_704154, EPI_ISL_704157, EPI_ISL_704162, EPI_ISL_704164, EPI_ISL_704165, EPI_ISL_704169, EPI_ISL_704170, EPI_ISL_704172, EPI_ISL_704173, EPI_ISL_704175, EPI_ISL_704182, EPI_ISL_704183, EPI_ISL_704185, EPI_ISL_704186, EPI_ISL_704189, EPI_ISL_704192, EPI_ISL_704197, EPI_ISL_704200, EPI_ISL_704202, EPI_ISL_704204, EPI_ISL_704205, EPI_ISL_704208, EPI_ISL_704211, EPI_ISL_704213, EPI_ISL_704214, EPI_ISL_704215, EPI_ISL_704220, EPI_ISL_704221, EPI_ISL_704224, EPI_ISL_704226, EPI_ISL_704227, EPI_ISL_704229, EPI_ISL_704230, EPI_ISL_704234, EPI_ISL_704235, EPI_ISL_704237, EPI_ISL_704240, EPI_ISL_704242, EPI_ISL_704245, EPI_ISL_704246, EPI_ISL_704248, EPI_ISL_704251, EPI_ISL_704253, EPI_ISL_704254, EPI_ISL_704258, EPI_ISL_704261, EPI_ISL_704263, EPI_ISL_704264, EPI_ISL_704268, EPI_ISL_704274, EPI_ISL_704275, EPI_ISL_704278, EPI_ISL_704281, EPI_ISL_704282, EPI_ISL_704284, EPI_ISL_704287, EPI_ISL_704288, EPI_ISL_704290, EPI_ISL_704292, EPI_ISL_704293, EPI_ISL_704295, EPI_ISL_704296, EPI_ISL_704298, EPI_ISL_704300, EPI_ISL_704303, EPI_ISL_704306, EPI_ISL_704313, EPI_ISL_704314, EPI_ISL_704316, EPI_ISL_704318, EPI_ISL_704319, EPI_ISL_704323, EPI_ISL_704326, EPI_ISL_704327, EPI_ISL_704330, EPI_ISL_704332, EPI_ISL_704335, EPI_ISL_704337, EPI_ISL_704338, EPI_ISL_704342, EPI_ISL_704343, EPI_ISL_704345, EPI_ISL_704346, EPI_ISL_704348, EPI_ISL_704349, EPI_ISL_704351, EPI_ISL_704352, EPI_ISL_704357, EPI_ISL_704358, EPI_ISL_704360, EPI_ISL_704363, EPI_ISL_704368, EPI_ISL_704370, EPI_ISL_704376, EPI_ISL_704380, EPI_ISL_704381, EPI_ISL_704383, EPI_ISL_704388, EPI_ISL_704391, EPI_ISL_704394, EPI_ISL_704396, EPI_ISL_704400, EPI_ISL_704402, EPI_ISL_704404, EPI_ISL_704405, EPI_ISL_704407, EPI_ISL_704412, EPI_ISL_704415, EPI_ISL_704421, EPI_ISL_704423, EPI_ISL_70442			



EPI_ISL_704681, EPI_ISL_704683, EPI_ISL_704684, EPI_ISL_704686	Team		
EPI_ISL_704688, EPI_ISL_704691, EPI_ISL_704693, EPI_ISL_704696, EPI_ISL_704697, EPI_ISL_704699, EPI_ISL_704702, EPI_ISL_704705, EPI_ISL_704707, EPI_ISL_704708, EPI_ISL_704713			
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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_704714	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_704715, EPI_ISL_704724, EPI_ISL_704726, EPI_ISL_704727, EPI_ISL_704730, EPI_ISL_704732, EPI_ISL_704735, EPI_ISL_704738, EPI_ISL_704740, EPI_ISL_704743, EPI_ISL_704745, EPI_ISL_704753, EPI_ISL_704763, EPI_ISL_704766, EPI_ISL_704767, EPI_ISL_704769, EPI_ISL_704771, EPI_ISL_704773, EPI_ISL_704774, EPI_ISL_704776, EPI_ISL_704779, EPI_ISL_704781, EPI_ISL_704782, EPI_ISL_704784, EPI_ISL_704785, EPI_ISL_704790, EPI_ISL_704792, EPI_ISL_704795, EPI_ISL_704796, EPI_ISL_704801, EPI_ISL_704803, EPI_ISL_704806, EPI_ISL_704808, EPI_ISL_704811, EPI_ISL_704813, EPI_ISL_704814, EPI_ISL_704816, EPI_ISL_704818, EPI_ISL_704819, EPI_ISL_704821, EPI_ISL_704822, EPI_ISL_704824, EPI_ISL_704827, EPI_ISL_704830, EPI_ISL_704832, EPI_ISL_704833			
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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_704834	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun, Yasmin Chaudhry, Grant Hall, Iliana Georgana, Myra Hosmillo, Martin D. Curran, Malte Pinckert, Surendra Parmar, Ian Goodfellow
EPI_ISL_704835, EPI_ISL_704840, EPI_ISL_704841, EPI_ISL_704843, EPI_ISL_704844, EPI_ISL_704849	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_704850	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_704851, EPI_ISL_704856, EPI_ISL_704857, EPI_ISL_704859, EPI_ISL_704860, EPI_ISL_704862, EPI_ISL_704865, EPI_ISL_704867, EPI_ISL_704876, EPI_ISL_704880, EPI_ISL_704881, EPI_ISL_704884, EPI_ISL_704886, EPI_ISL_704888, EPI_ISL_704889, EPI_ISL_704893, EPI_ISL_704894, EPI_ISL_704898, EPI_ISL_704899, EPI_ISL_704902, EPI_ISL_704904			
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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_704905	Liverpool Clinical Laboratories	COVID-19 Genomics UK (COG-UK) Consortium	Sam Haldenby, Anita Lucaci, Steve Paterson, Julian Hiscox, Alistair Darby, M Almsaud, A Alrezaihi, Muhannad Alruwaili, Stuart D Armstrong, Jones Benjamin, Eleanor G Bentley, Anu Chawla, Jordan J Clark, Angela Cowell, Richard Eccles, Isabel Garcia-Dorival, Matthew Gemmell, Alessandro Gerada, PKF Gilmore, Richard Gregory, Ximeng Han, Catherine Hartley, Margaret Hughes, Miren Iturriza-Gomara, James Johnson, L Luu, Jenifer Manson, Charlotte Nelson, Elaine O'Toole, Cassie Olateju, Rebekah Penrice-Randal, Lucille Rainbow, N.P Randle, Trevor Ian Robinson, Parul Sharma, Ghada T Shawli, James P Stewart, Neil Swainston, Ecaterina Vamos, Joanne Watts, Mark Whitehead
EPI_ISL_704906, EPI_ISL_704907, EPI_ISL_704912, EPI_ISL_704913	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_704914	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_704919, EPI_ISL_704920, EPI_ISL_704922, EPI_ISL_704924, EPI_ISL_704925, EPI_ISL_704927, EPI_ISL_704932, EPI_ISL_704933, EPI_ISL_704936, EPI_ISL_704940, EPI_ISL_704941, EPI_ISL_704943, EPI_ISL_704949, EPI_ISL_704953, EPI_ISL_704956, EPI_ISL_704958, EPI_ISL_704959, EPI_ISL_704961, EPI_ISL_704962, EPI_ISL_704964, EPI_ISL_704967, EPI_ISL_704969, EPI_ISL_704971, EPI_ISL_704975, EPI_ISL_704979, EPI_ISL_704980, EPI_ISL_704985, EPI_ISL_704987, EPI_ISL_704988, EPI_ISL_704990, EPI_ISL_704992, EPI_ISL_704993, EPI_ISL_704995, EPI_ISL_704996, EPI_ISL_704998, EPI_ISL_705000, EPI_ISL_705003, EPI_ISL_705006, EPI_ISL_705009, EPI_ISL_705011, EPI_ISL_705012, EPI_ISL_705016, EPI_ISL_705017, EPI_ISL_705019, EPI_ISL_705020, EPI_ISL_705022, EPI_ISL_705025, EPI_ISL_705027, EPI_ISL_705028, EPI_ISL_705029, EPI_ISL_705031, EPI_ISL_705033, EPI_ISL_705036, EPI_ISL_705037, EPI_ISL_705039, EPI_ISL_705041, EPI_ISL_705042, EPI_ISL_705044, EPI_ISL_705045, EPI_ISL_705047, EPI_ISL_705049, EPI_ISL_705050, EPI_ISL_705052, EPI_ISL_705053, EPI_ISL_705055, EPI_ISL_705057, EPI_ISL_705058, EPI_ISL_705060, EPI_ISL_705063, EPI_ISL_705065, EPI_ISL_705066, EPI_ISL_705068, EPI_ISL_705069, EPI_ISL_705071, EPI_ISL_705073, EPI_ISL_705076, EPI_ISL_705079, EPI_ISL_705080, EPI_ISL_705082, EPI_ISL_705085, EPI_ISL_705087, EPI_ISL_705090, EPI_ISL_705092, EPI_ISL_705093, EPI_ISL_705095, EPI_ISL_705097, EPI_ISL_705100, EPI_ISL_705103, EPI_ISL_705107, EPI_ISL_705109, EPI_ISL_705111, EPI_ISL_705112, EPI_ISL_705114, EPI_ISL_705117, EPI_ISL_705122, EPI_ISL_705123, EPI_ISL_705127, EPI_ISL_705128, EPI_ISL_705130, EPI_ISL_705135, EPI_ISL_705136, EPI_ISL_705138, EPI_ISL_705139, EPI_ISL_705141, EPI_ISL_705142, EPI_ISL_705146, EPI_ISL_705147, EPI_ISL_705151, EPI_ISL_705152, EPI_ISL_705157, EPI_ISL_705159, EPI_ISL_705162, EPI_ISL_705164, EPI_ISL_705165, EPI_ISL_705167, EPI_ISL_705173, EPI_ISL_705175, EPI_ISL_705177, EPI_ISL_705178, EPI_ISL_705181, EPI_ISL_705185, EPI_ISL_705186, EPI_ISL_705188			
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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_705191, EPI_ISL_705192, EPI_ISL_705200	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_705472	University College London Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Judith Heaney, Matthew Byott, Catherine Houlihan, Dan Frampton, Stuart Kirk, Moira Spyer and Eleni Nastouli
EPI_ISL_705486	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_705536, EPI_ISL_705551, EPI_ISL_705555, EPI_ISL_705557, EPI_ISL_705562	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun, Yasmin Chaudhry, Grant Hall, Iliana Georgana, Myra Hosmillo, Martin D. Curran, Malte Pinckert, Surendra Parmar, Ian Goodfellow
EPI_ISL_705645, EPI_ISL_705652, EPI_ISL_705658, EPI_ISL_705659, EPI_ISL_705663, EPI_ISL_705664, EPI_ISL_705674, EPI_ISL_705684, EPI_ISL_705699, EPI_ISL_705701, EPI_ISL_705702, EPI_ISL_705706, EPI_ISL_705707, EPI_ISL_705708, EPI_ISL_705712, EPI_ISL_705726, EPI_ISL_705730			
see above	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_705735, EPI_ISL_705736, EPI_ISL_705739, EPI_ISL_705740, EPI_ISL_705743, EPI_ISL_705744, EPI_ISL_705745, EPI_ISL_705746, EPI_ISL_705748, EPI_ISL_705749, EPI_ISL_705775, EPI_ISL_705777, EPI_ISL_705780, EPI_ISL_705781, EPI_ISL_705782, EPI_ISL_705784			
see above	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian / School of Biological Sciences, University of Edinburgh / Institute of Genetics and Molecular Medicine, University of Edinburgh	COVID-19 Genomics UK (COG-UK) Consortium	McHugh M, Dewar R, Rooke S, Gallagher M, Balcaza C, O'Toole Á, Scher E, Hill V, McCrone JT, Colquhoun R, Yu X, Jackson B, Rambaut A, Williams TC, Templeton K
EPI_ISL_705929, EPI_ISL_705931	Liverpool Clinical Laboratories	COVID-19 Genomics UK (COG-UK) Consortium	Sam Haldenby, Anita Lucaci, Steve Paterson, Julian Hiscox, Alistair Darby, M Almsaud, A Alrezaihi, Muhannad Alruwaili, Stuart D Armstrong, Jones Benjamin, Eleanor G Bentley, Anu Chawla, Jordan J Clark, Angela Cowell, Richard Eccles, Isabel Garcia-Dorival, Matthew Gemmell, Alessandro Gerada, PKF Gilmore, Richard Gregory, Ximeng Han, Catherine Hartley, Margaret Hughes, Miren Iturriza-Gomara, James Johnson, L Luu, Jenifer Manson, Charlotte Nelson, Elaine O'Toole, Cassie Olateju, Rebekah Penrice-Randal, Lucille Rainbow, N.P Randle, Trevor Ian Robinson, Parul Sharma, Ghada T Shawli, James P Stewart, Neil Swainston, Ecaterina Vamos, Joanne Watts, Mark Whitehead
EPI_ISL_705942, EPI_ISL_705943, EPI_ISL_705944, EPI_ISL_705946, EPI_ISL_705947, EPI_ISL_705948, EPI_ISL_705949, EPI_ISL_705950, EPI_ISL_705952, EPI_ISL_705953, EPI_ISL_705954, EPI_ISL_705955			
see above	University College London Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Judith Heaney, Matthew Byott, Catherine Houlihan, Dan Frampton, Stuart Kirk, Moira Spyer and Eleni Nastouli
EPI_ISL_706284, EPI_ISL_706312, EPI_ISL_706320, EPI_ISL_706321, EPI_ISL_706328, EPI_ISL_706331, EPI_ISL_706334, EPI_ISL_706335, EPI_ISL_706337, EPI_ISL_706338, EPI_ISL_706341, EPI_ISL_706343, EPI_ISL_706344, EPI_ISL_706347, EPI_ISL_706349, EPI_ISL_706350			

see above	Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust	COVID-19 Genomics UK (COG-UK) Consortium	Darren L Smith,Andrew Nelson,Matthew Bashton,Greg R Young,Joshua Loh,John Allan,Mohammad A Tariq,Giles S Holt,Gary Black,Wen C Yew,Lynn Dover,Paul Baker,Steve Liggett,Sarah Essex,Jane Greenaway,Debra Padgett,Olive Graham,Garren Scott,Edward Barton,Emma Swindells,Brendan Payne,Jennifer Collins, Yusri Taha,Gary Eltringham
EPI_ISL_706364, EPI_ISL_706367	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_706428	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Gemma Clark, Wendy Smith, Manjinder Khakh, Vicki M Fleming, Michelle M Lister, Hannah Howson-Wells, Jonathan Ball, Patrick McClure, Joseph Chappell, Theocharis Tsoleiridis, Nadine Holmes, Matthew Carlisle, Christopher Moore, Fei Sang, Johnny Debebe, Victoria Wright, Matthew Loose
EPI_ISL_706582, EPI_ISL_706583, EPI_ISL_706596, EPI_ISL_706602, EPI_ISL_706622, EPI_ISL_706633, EPI_ISL_706639, EPI_ISL_706641, EPI_ISL_706644, EPI_ISL_706646, EPI_ISL_706776, EPI_ISL_706786, EPI_ISL_706789, EPI_ISL_706807, EPI_ISL_706809, EPI_ISL_706813, EPI_ISL_706816, EPI_ISL_706818, EPI_ISL_706822, EPI_ISL_706827, EPI_ISL_706833, EPI_ISL_706834, EPI_ISL_706837, EPI_ISL_706848, EPI_ISL_706851, EPI_ISL_706861, EPI_ISL_706862			
see above	Wales Specialist Virology Centre Sequencing lab: Pathogen Genomics Unit	COVID-19 Genomics UK (COG-UK) Consortium	Catherine Moore, Johnathan Evans, Laura Gifford, Malorie Perry, Simon Cottrell, Angela Marchbank, Alec Birchley, Alexander Adams, Amy Gaskin, Bree Gatica-Wilcox, Jason Coombes, Joel Southgate, Lauren Gilbert, Lee Graham, Nicole Pacchiarini, Sara Kumziene-Summerhayes, Sarah Taylor, Sophie Jones, Sara Rey, Matthew Bull, Joanne Watkins, Sally Corden, Tom Connor
EPI_ISL_706988, EPI_ISL_706999, EPI_ISL_707006	Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield	COVID-19 Genomics UK (COG-UK) Consortium	Thushan de Silva, Matthew Parker, Nikki Smith, Adri Agyal, Rebecca Brown, Luke Green, Rachel Tucker, Paul Parsons, Danielle Groves, Katie Johnson, Laura Carrilero, Alex Keeley, Dave Partridge, Matthew Wyles, Benjamin Lindsey, Mehmet Yavuz, Mohammad Raza, Cariad Evans
EPI_ISL_707697, EPI_ISL_707698, EPI_ISL_707699, EPI_ISL_707700	1-Laboratory of Microbiology, National Reference Lab, Charles Nicolle Hospital; 2-University of Tunis ElManar, Faculty of Medicine of Tunis, LR99ES09, Tunis, Tunisia	1-Clinical and Experimental Pharmacology Lab, LR16SP02, National Center of Pharmacovigilance, University of Tunis El Manar, Tunis, Tunisia. 2-Neurodegenerative diseases and psychiatric troubles, LR18SP03, Razi Hospital, University of Tunis El Manar, Tunis, Tunisia. 3- Ministry of Health, National Observatory of New and Emerging Diseases, 1006, Tunis, Tunisia	Ilhem Boutiba-Ben Boubaker, Sameh Trabelsi, Nissaf Ben Alaya, Maher Kharrat, Alia Ben Kahla, Jalila Ben Khellil, Salma Abid, Sana Ferjani, Mouna Ben Sassi, Mouna Safer, Zaineab Hamzaoui, Habiba Ben Romdhane, Souissi Amira, Rouaa Ben Othman, Hanen El Jebari, Asma Ferjani, Gaies Emna, Riadh Daghfous, Riadh Gouider.
EPI_ISL_708136, EPI_ISL_708137, EPI_ISL_708138, EPI_ISL_708139	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, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_708169, EPI_ISL_708170	Norwegian Institute of Public Health, Department of Virology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_708172, EPI_ISL_708173, EPI_ISL_708174, EPI_ISL_708175	Oslo University Hospital, Department of Medical Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_708181	Norwegian Institute of Public Health, Department of Virology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_708214	Michigan Department of Health and Human Services, Bureau of Laboratories	Michigan Department of Health and Human Services, Bureau of Laboratories	Blankenship HM, Riner D, Soehnlén MK
EPI_ISL_708458, EPI_ISL_708459	Department of Clinical Microbiology	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Justine Defêche, Gilles Darcis, Michel Moutschen, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_708485, EPI_ISL_708486, EPI_ISL_708487, EPI_ISL_708488, EPI_ISL_708489, EPI_ISL_708491, EPI_ISL_708492, EPI_ISL_708493, EPI_ISL_708494, EPI_ISL_708495	Minnesota Department of Health, Public Health Laboratory	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_708530	Secretaria Municipal de Saude de Fernandópolis	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Carlos Henrique Camargo, Karoline Rodrigues Campos, Fernanda Modesto Tolentino Binhardi, Maricelia Navarro Pinheiro Flores, Marcia Maria Costa Nunes Soares, Janaina Other Martins Montanha
EPI_ISL_708844, EPI_ISL_708848, EPI_ISL_708849, EPI_ISL_708856, EPI_ISL_708857, EPI_ISL_708858, EPI_ISL_708862, EPI_ISL_708869, EPI_ISL_708871, EPI_ISL_708879, EPI_ISL_708889, EPI_ISL_708896, EPI_ISL_708897, EPI_ISL_708898, EPI_ISL_708900, EPI_ISL_708908, EPI_ISL_708913, EPI_ISL_708916, EPI_ISL_708920, EPI_ISL_708963, EPI_ISL_708969, EPI_ISL_708975, EPI_ISL_708979, EPI_ISL_708983, EPI_ISL_708984, EPI_ISL_708986			
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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_709048	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_709569, EPI_ISL_709571, EPI_ISL_709572, EPI_ISL_709573, EPI_ISL_709574, EPI_ISL_709575, EPI_ISL_709576, EPI_ISL_709577, EPI_ISL_709578, EPI_ISL_709579, EPI_ISL_709582, EPI_ISL_709583, EPI_ISL_709584, EPI_ISL_709585, EPI_ISL_709586, EPI_ISL_709588, EPI_ISL_709589, EPI_ISL_709590, EPI_ISL_709591, EPI_ISL_709592, EPI_ISL_709594, EPI_ISL_709596, EPI_ISL_709597, EPI_ISL_709598, EPI_ISL_709600, EPI_ISL_709602, EPI_ISL_709603, EPI_ISL_709605, EPI_ISL_709607, EPI_ISL_709608, EPI_ISL_709609, EPI_ISL_709610, EPI_ISL_709613, EPI_ISL_709614, EPI_ISL_709615, EPI_ISL_709617, EPI_ISL_709618, EPI_ISL_709619, EPI_ISL_709620, EPI_ISL_709621, EPI_ISL_709626, EPI_ISL_709629, EPI_ISL_709632, EPI_ISL_709633, EPI_ISL_709637, EPI_ISL_709640, EPI_ISL_709643, EPI_ISL_709644, EPI_ISL_709645, EPI_ISL_709646, EPI_ISL_709647, EPI_ISL_709649, EPI_ISL_709650, EPI_ISL_709653, EPI_ISL_709654, EPI_ISL_709655, EPI_ISL_709657, EPI_ISL_709658, EPI_ISL_709659, EPI_ISL_709660, EPI_ISL_709661, EPI_ISL_709662, EPI_ISL_709663, EPI_ISL_709664, EPI_ISL_709665, EPI_ISL_709666, EPI_ISL_709667, EPI_ISL_709671, EPI_ISL_709673, EPI_ISL_709674, EPI_ISL_709675, EPI_ISL_709676, EPI_ISL_709678, EPI_ISL_709679, EPI_ISL_709680, EPI_ISL_709681, EPI_ISL_709683, EPI_ISL_709684, EPI_ISL_709686, EPI_ISL_709688, EPI_ISL_709689, EPI_ISL_709690, EPI_ISL_709691, EPI_ISL_709693, EPI_ISL_709694, EPI_ISL_709696, EPI_ISL_709697, EPI_ISL_709698, EPI_ISL_709700, EPI_ISL_709702, EPI_ISL_709703, EPI_ISL_709705, EPI_ISL_709709, EPI_ISL_709711, EPI_ISL_709713, EPI_ISL_709714, EPI_ISL_709716, EPI_ISL_709717, EPI_ISL_709719, EPI_ISL_709720, EPI_ISL_709721, EPI_ISL_709723, EPI_ISL_709724, EPI_ISL_709728, EPI_ISL_709730, EPI_ISL_709731, EPI_ISL_709733, EPI_ISL_709734, EPI_ISL_709738, EPI_ISL_709739, EPI_ISL_709742, EPI_ISL_709743, EPI_ISL_709744, EPI_ISL_709747, EPI_ISL_709748, EPI_ISL_709749, EPI_ISL_709750, EPI_ISL_709751, EPI_ISL_709753, EPI_ISL_709754, EPI_ISL_709756, EPI_ISL_709757, EPI_ISL_709758, EPI_ISL_709759, EPI_ISL_709762, EPI_ISL_709763, EPI_ISL_709764, EPI_ISL_709769, EPI_ISL_709770, EPI_ISL_709771, EPI_ISL_709774, EPI_ISL_709775, EPI_ISL_709777, EPI_ISL_709779, EPI_ISL_709780, EPI_ISL_709781, EPI_ISL_709782, EPI_ISL_709783, EPI_ISL_709784, EPI_ISL_709785, EPI_ISL_709786, EPI_ISL_709787, EPI_ISL_709788, EPI_ISL_709790, EPI_ISL_709791, EPI_ISL_709792, EPI_ISL_709793, EPI_ISL_709794, EPI_ISL_709795, EPI_ISL_709796			
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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_709800	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_709802	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_709805	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_709806	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_709807, EPI_ISL_709808	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, Sonia Goncalves, 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]

EPI_ISL_710576	VC Sorgenfriintagningen	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_710577, EPI_ISL_710578	Vardcentralen Brinken	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_710581, EPI_ISL_710582, EPI_ISL_710583	The Public Health Agency of Sweden	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_710585, EPI_ISL_710586	Orsa VC	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_710588	Omtanken Grimmered	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_710589, EPI_ISL_710590	Narhalsan Fjällbacka VC	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_710604	Klinisk mikrobiologi	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_710607	Halsomedicinskt Center	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_710612	Capio Bro VC	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_710699, EPI_ISL_710700, EPI_ISL_710701, EPI_ISL_710702, EPI_ISL_710703, EPI_ISL_710706, EPI_ISL_710707, EPI_ISL_710709, EPI_ISL_710711, EPI_ISL_710715, EPI_ISL_710716, EPI_ISL_710717, EPI_ISL_710718, EPI_ISL_710719, EPI_ISL_710720, EPI_ISL_710721, EPI_ISL_710722, EPI_ISL_710723, EPI_ISL_710724, EPI_ISL_710726, EPI_ISL_710728, EPI_ISL_710729, EPI_ISL_710732, EPI_ISL_710733, EPI_ISL_710735, EPI_ISL_710736, EPI_ISL_710737, EPI_ISL_710739, EPI_ISL_710741, EPI_ISL_710742, EPI_ISL_710744, EPI_ISL_710745			
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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_710748	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_710749, EPI_ISL_710750, EPI_ISL_710751	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_710753, EPI_ISL_710754, EPI_ISL_710755, EPI_ISL_710758, EPI_ISL_710759, EPI_ISL_710760, EPI_ISL_710761, EPI_ISL_710762, EPI_ISL_710763, EPI_ISL_710764, EPI_ISL_710765, EPI_ISL_710766, EPI_ISL_710768, EPI_ISL_710771, EPI_ISL_710772, EPI_ISL_710774, EPI_ISL_710775, EPI_ISL_710776, EPI_ISL_710777, EPI_ISL_710779, EPI_ISL_710780, EPI_ISL_710781, EPI_ISL_710783, EPI_ISL_710786, EPI_ISL_710787, EPI_ISL_710789, EPI_ISL_710790, EPI_ISL_710793, EPI_ISL_710794, EPI_ISL_710795, EPI_ISL_710797, EPI_ISL_710799, EPI_ISL_710801, EPI_ISL_710802, EPI_ISL_710803, EPI_ISL_710804, EPI_ISL_710805, EPI_ISL_710807, EPI_ISL_710808, EPI_ISL_710809, EPI_ISL_710810, EPI_ISL_710811, EPI_ISL_710812, EPI_ISL_710813, EPI_ISL_710814, EPI_ISL_710815, EPI_ISL_710817, EPI_ISL_710818, EPI_ISL_710819, EPI_ISL_710820			
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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_710823, EPI_ISL_710825, EPI_ISL_710828, EPI_ISL_710829	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_711229, EPI_ISL_711230, EPI_ISL_711231, EPI_ISL_711232, EPI_ISL_711233, EPI_ISL_711234, EPI_ISL_711235, EPI_ISL_711236, EPI_ISL_711237, EPI_ISL_711238, EPI_ISL_711239, EPI_ISL_711240, EPI_ISL_711241, EPI_ISL_711242, EPI_ISL_711243, EPI_ISL_711244, EPI_ISL_711245, EPI_ISL_711246, EPI_ISL_711247, EPI_ISL_711248, EPI_ISL_711249, EPI_ISL_711250, EPI_ISL_711251, EPI_ISL_711252, EPI_ISL_711253, EPI_ISL_711254, EPI_ISL_711255, EPI_ISL_711256, EPI_ISL_711257, EPI_ISL_711258, EPI_ISL_711259, EPI_ISL_711260, EPI_ISL_711261, EPI_ISL_711262, EPI_ISL_711263, EPI_ISL_711264, EPI_ISL_711265, EPI_ISL_711266, EPI_ISL_711268, EPI_ISL_711269, EPI_ISL_711270, EPI_ISL_711271, EPI_ISL_711272, EPI_ISL_711286, EPI_ISL_711287, EPI_ISL_711288, EPI_ISL_711289, EPI_ISL_711290, EPI_ISL_711291, EPI_ISL_711292, EPI_ISL_711293, EPI_ISL_711295, EPI_ISL_711297, EPI_ISL_711298, EPI_ISL_711301, EPI_ISL_711302, EPI_ISL_711304, EPI_ISL_711305, EPI_ISL_711306, EPI_ISL_711307, EPI_ISL_711308, EPI_ISL_711309, EPI_ISL_711310, EPI_ISL_711311, EPI_ISL_711312, EPI_ISL_711313, EPI_ISL_711314, EPI_ISL_711315, EPI_ISL_711316, EPI_ISL_711317, EPI_ISL_711319, EPI_ISL_711321, EPI_ISL_711322, EPI_ISL_711323, EPI_ISL_711324, EPI_ISL_711325, EPI_ISL_711326, EPI_ISL_711327, EPI_ISL_711328, EPI_ISL_711329, EPI_ISL_711330, EPI_ISL_711331, EPI_ISL_711332, EPI_ISL_711333, EPI_ISL_711334, EPI_ISL_711335, EPI_ISL_711336, EPI_ISL_711337, EPI_ISL_711339, EPI_ISL_711341, EPI_ISL_711342, EPI_ISL_711343, EPI_ISL_711344, EPI_ISL_711345, EPI_ISL_711346, EPI_ISL_711347, EPI_ISL_711348, EPI_ISL_711349, EPI_ISL_711350, EPI_ISL_711351, EPI_ISL_711352, EPI_ISL_711353, EPI_ISL_711354, EPI_ISL_711355, EPI_ISL_711356, EPI_ISL_711357, EPI_ISL_711358, EPI_ISL_711359, EPI_ISL_711360, EPI_ISL_711361, EPI_ISL_711362, EPI_ISL_711363, EPI_ISL_711365, EPI_ISL_711366, EPI_ISL_711367, EPI_ISL_711368, EPI_ISL_711369, EPI_ISL_711370, EPI_ISL_711372, EPI_ISL_711373, EPI_ISL_711374, EPI_ISL_711375, EPI_ISL_711376, EPI_ISL_711377, EPI_ISL_711378, EPI_ISL_711379, EPI_ISL_711380, EPI_ISL_711381, EPI_ISL_711382, EPI_ISL_711383, EPI_ISL_711388, EPI_ISL_711389, EPI_ISL_711390, EPI_ISL_711391, EPI_ISL_711394, EPI_ISL_711445, EPI_ISL_711446, EPI_ISL_711448, EPI_ISL_711449, EPI_ISL_711450, EPI_ISL_711451, EPI_ISL_711452, EPI_ISL_711453, EPI_ISL_711454, EPI_ISL			

[illegible]

see above	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen Lab, Department of Chemistry and Bioscience, Aalborg University, Denmark	Danish Covid-19 Genome Consortium
EPI_ISL_717620, EPI_ISL_717621	Lab voor klinische biologie	Onderzoeksgroep Virologie	Nick Vereecke, Laurens Lambrechts, Marthe Pauwels, Bruno Verhasselt, Linos Vandekerckhove, Hans Nauwynck, Sebastiaan Theuns
EPI_ISL_717734, EPI_ISL_717741, EPI_ISL_717752	Kingston Health Sciences Centre and Queen's University	Ontario Institute for Cancer Research	Prameet M. Sheth, Calvin Sjaarda, Robert Colautti, Katya Douchant, Ilina Lungu, Bernard Lam, Paul Krzyzanowski, Michael Laszloffy, Lawrence E. Heister, Richard de Borja, Jared T. Simpson
EPI_ISL_718009, EPI_ISL_718011, EPI_ISL_718012, EPI_ISL_718015	Lab voor klinische biologie	Onderzoeksgroep Virologie	Laurens Lambrechts, Nick Vereecke, Marthe Pauwels, Bruno Verhasselt, Linos Vandekerckhove, Hans Nauwynck, Sebastiaan Theuns
EPI_ISL_718016, EPI_ISL_718017, EPI_ISL_718018, EPI_ISL_718020, EPI_ISL_718021	Lab voor klinische biologie	Onderzoeksgroep Virologie	Nick Vereecke, Laurens Lambrechts, Marthe Pauwels, Bruno Verhasselt, Linos Vandekerckhove, Hans Nauwynck, Sebastiaan Theuns
EPI_ISL_718023	Lab voor klinische biologie	Onderzoeksgroep Virologie	Laurens Lambrechts, Nick Vereecke, Marthe Pauwels, Bruno Verhasselt, Linos Vandekerckhove, Hans Nauwynck, Sebastiaan Theuns
EPI_ISL_718025	Lab voor klinische biologie	Onderzoeksgroep Virologie	Nick Vereecke, Laurens Lambrechts, Marthe Pauwels, Bruno Verhasselt, Linos Vandekerckhove, Hans Nauwynck, Sebastiaan Theuns
EPI_ISL_718172, EPI_ISL_718200, EPI_ISL_718202	Ministry of Health Hospitals	Institute of Health and Community Medicine	David Perera, Ooi Mong How, Chua Hook Hin, Tonnii Sia Loong Loong, Wong Jyn Shan, Wong King Aik, Chan Chia Jui
EPI_ISL_719605, EPI_ISL_719606, EPI_ISL_719608, EPI_ISL_719609, EPI_ISL_719611, EPI_ISL_719612, EPI_ISL_719613, EPI_ISL_719619, EPI_ISL_719621, EPI_ISL_719622, EPI_ISL_719623, EPI_ISL_719625, EPI_ISL_719629, EPI_ISL_719631, EPI_ISL_719635, EPI_ISL_719636, EPI_ISL_719640, EPI_ISL_719641, EPI_ISL_719643, EPI_ISL_719644, EPI_ISL_719646, EPI_ISL_719648, EPI_ISL_719651, EPI_ISL_719652, EPI_ISL_719655, EPI_ISL_719656, EPI_ISL_719657, EPI_ISL_719663, EPI_ISL_719664, EPI_ISL_719668, EPI_ISL_719670, EPI_ISL_719671, EPI_ISL_719673, EPI_ISL_719680, EPI_ISL_719681, EPI_ISL_719683, EPI_ISL_719685, EPI_ISL_719686, EPI_ISL_719688, EPI_ISL_719691, EPI_ISL_719692, EPI_ISL_719693, EPI_ISL_719694, EPI_ISL_719698, EPI_ISL_719700, EPI_ISL_719701, EPI_ISL_719712, EPI_ISL_719713, EPI_ISL_719716, EPI_ISL_719717, EPI_ISL_719720, EPI_ISL_719723, EPI_ISL_719724, EPI_ISL_719725, EPI_ISL_719728, EPI_ISL_719729, EPI_ISL_719731, EPI_ISL_719733, EPI_ISL_719735, EPI_ISL_719736, EPI_ISL_719738, EPI_ISL_719739, EPI_ISL_719740, EPI_ISL_719742, EPI_ISL_719744, EPI_ISL_719748, EPI_ISL_719749, EPI_ISL_719750, EPI_ISL_719755, EPI_ISL_719758, EPI_ISL_719760, EPI_ISL_719761, EPI_ISL_719764, EPI_ISL_719766, EPI_ISL_719768, EPI_ISL_719770, EPI_ISL_719771, EPI_ISL_719772, EPI_ISL_719773, EPI_ISL_719774, EPI_ISL_719775, EPI_ISL_719780, EPI_ISL_719786, EPI_ISL_719787, EPI_ISL_719788, EPI_ISL_719789, EPI_ISL_719790, EPI_ISL_719791, EPI_ISL_719792, EPI_ISL_719793, EPI_ISL_719796, EPI_ISL_719798, EPI_ISL_719800, EPI_ISL_719802, EPI_ISL_719803, EPI_ISL_719804, EPI_ISL_719805, EPI_ISL_719807, EPI_ISL_719809, EPI_ISL_719810, EPI_ISL_719811, EPI_ISL_719812, EPI_ISL_719815, EPI_ISL_719817, EPI_ISL_719819, EPI_ISL_719821, EPI_ISL_719823, EPI_ISL_719829, EPI_ISL_719834, EPI_ISL_719839, EPI_ISL_719841, EPI_ISL_719846, EPI_ISL_719848, EPI_ISL_719856, EPI_ISL_719857, EPI_ISL_719861, EPI_ISL_719862, EPI_ISL_719864, EPI_ISL_719865, EPI_ISL_719866, EPI_ISL_719867, EPI_ISL_719868, EPI_ISL_719871, EPI_ISL_719872, EPI_ISL_719873, EPI_ISL_719875, EPI_ISL_719876, EPI_ISL_719877, EPI_ISL_719880, EPI_ISL_719883, EPI_ISL_719884, EPI_ISL_719885, EPI_ISL_719889, EPI_ISL_719891, EPI_ISL_719892, EPI_ISL_719898, EPI_ISL_719900, EPI_ISL_719901, EPI_ISL_719902, EPI_ISL_719907, EPI_ISL_719908, EPI_ISL_719909, EPI_ISL_719910, EPI_ISL_719911, EPI_ISL_719912, EPI_ISL_719916, EPI_ISL_719918, EPI_ISL_719921, EPI_ISL_719922, EPI_ISL_719923, EPI_ISL_719925, EPI_ISL_719929, EPI_ISL_719930, EPI_ISL_719938, EPI_ISL_719940, EPI_ISL_719944, EPI_ISL_719951, EPI_ISL_719953, EPI_ISL_719958, EPI_ISL_719959, EPI_ISL_719961, EPI_ISL_719965, EPI_ISL_719972, EPI_ISL_719974, EPI_ISL_719978, EPI_ISL_719980, EPI_ISL_719983, EPI_ISL_719984, EPI_ISL_719985, EPI_ISL_719986			
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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_719992, EPI_ISL_719994, EPI_ISL_719995, EPI_ISL_719996, EPI_ISL_719998, EPI_ISL_720002, EPI_ISL_720004, EPI_ISL_720006, EPI_ISL_720008, EPI_ISL_720009, EPI_ISL_720010, EPI_ISL_720013, EPI_ISL_720017, EPI_ISL_720019, EPI_ISL_720020, EPI_ISL_720021, EPI_ISL_720024, EPI_ISL_720026, EPI_ISL_720030, EPI_ISL_720033, EPI_ISL_720036, EPI_ISL_720039, EPI_ISL_720042, EPI_ISL_720043, EPI_ISL_720044, EPI_ISL_720045, EPI_ISL_720046, EPI_ISL_720047, EPI_ISL_720048, EPI_ISL_720049, EPI_ISL_720050, EPI_ISL_720051, EPI_ISL_720052, EPI_ISL_720053, EPI_ISL_720054, EPI_ISL_720055, EPI_ISL_720056, EPI_ISL_720057, EPI_ISL_720058, EPI_ISL_720059, EPI_ISL_720060, EPI_ISL_720061, EPI_ISL_720062, EPI_ISL_720063, EPI_ISL_720064, EPI_ISL_720065, EPI_ISL_720066, EPI_ISL_720067, EPI_ISL_720068, EPI_ISL_720069, EPI_ISL_720070, EPI_ISL_720071, EPI_ISL_720072, EPI_ISL_720073, EPI_ISL_720074, EPI_ISL_720075, EPI_ISL_720076, EPI_ISL_720077, EPI_ISL_720078, EPI_ISL_720079, EPI_ISL_720080, EPI_ISL_720081, EPI_ISL_720082, EPI_ISL_720083, EPI_ISL_720084, EPI_ISL_720085, EPI_ISL_720086, EPI_ISL_720087, EPI_ISL_720088, EPI_ISL_720089, EPI_ISL_720090, EPI_ISL_720091, EPI_ISL_720092, EPI_ISL_720093, EPI_ISL_720094, EPI_ISL_720095, EPI_ISL_720096, EPI_ISL_720097, EPI_ISL_720098, EPI_ISL_720099, EPI_ISL_720100, EPI_ISL_720101, EPI_ISL_720102, EPI_ISL_720103, EPI_ISL_720104, EPI_ISL_720105, EPI_ISL_720106, EPI_ISL_720107, EPI_ISL_7201			

EPI_ISL_721526, EPI_ISL_721529, EPI_ISL_721531, EPI_ISL_721532	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_721533	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_721694, EPI_ISL_721771, EPI_ISL_721794, EPI_ISL_721839, EPI_ISL_721869, EPI_ISL_721878, EPI_ISL_721891, EPI_ISL_721910, EPI_ISL_721943, EPI_ISL_721953	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Christian Beisel
EPI_ISL_722201	Vitalis Mostar	Alea Genetic Center	Salihendic L., Pecar D., Konjodzic R.
EPI_ISL_722209	Dom Zdravlja Sarajevo	Alea Genetic Center	Salihendic L., Pecar D., Konjodzic R.
EPI_ISL_722419, EPI_ISL_722648, EPI_ISL_722649, EPI_ISL_722650, EPI_ISL_722651, EPI_ISL_722652, EPI_ISL_722653, EPI_ISL_722654, EPI_ISL_722655, EPI_ISL_722656, EPI_ISL_722665, EPI_ISL_722666, EPI_ISL_722667, EPI_ISL_722669, EPI_ISL_722670, EPI_ISL_722671, EPI_ISL_722672, EPI_ISL_722673, EPI_ISL_722674, EPI_ISL_722675, EPI_ISL_722676, EPI_ISL_722677, EPI_ISL_722678, EPI_ISL_722682, EPI_ISL_722683, EPI_ISL_722684, EPI_ISL_722685, EPI_ISL_722686, EPI_ISL_722688, EPI_ISL_722689, EPI_ISL_722690, EPI_ISL_722692, EPI_ISL_722693, EPI_ISL_722695, EPI_ISL_722696, EPI_ISL_722697, EPI_ISL_722711, EPI_ISL_722712	Erasmus Medical Center	Bas Oude Munnink, Reina Sikkema, David Nieuwenhuijse, Irina Chestakova, Anne van der Linden, Marjan Boter, Emmanuelle Munger, Corine GeurtsvanKessel, Annemiek van der Eijk, Richard Molenkamp, Marion Koopmans, on behalf of the Dutch national COVID-19 response team.	
see above	Dutch COVID-19 response team	Erasmus Medical Center	Parisi A., Bianco A., Capozzi L., Del Sambro L., Manzulli V, Rondinone V., Pace L., Cipolletta D., Galante D.
EPI_ISL_722910	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	
EPI_ISL_722936, EPI_ISL_722938, EPI_ISL_722939, EPI_ISL_722940, EPI_ISL_722942, EPI_ISL_722943, EPI_ISL_722946, EPI_ISL_722949, EPI_ISL_722950, EPI_ISL_722952, EPI_ISL_722954, EPI_ISL_722955, EPI_ISL_722956	Department of Clinical Microbiology	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_723123, EPI_ISL_723124, EPI_ISL_723125, EPI_ISL_723126, EPI_ISL_723128, EPI_ISL_723130, EPI_ISL_723132, EPI_ISL_723133, EPI_ISL_723134, EPI_ISL_723135, EPI_ISL_723136	Minnesota Department of Health, Public Health Laboratory	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
see above	Minnesota Department of Health, Public Health Laboratory	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_723147, EPI_ISL_723148, EPI_ISL_723149, EPI_ISL_723150, EPI_ISL_723151, EPI_ISL_723153	Vault Health	Minnesota Department of Health, Public Health Laboratory	
EPI_ISL_723155, EPI_ISL_723156, EPI_ISL_723157, EPI_ISL_723160, EPI_ISL_723169, EPI_ISL_723179, EPI_ISL_723202, EPI_ISL_723203, EPI_ISL_723204, EPI_ISL_723205, EPI_ISL_723206, EPI_ISL_723207, EPI_ISL_723208, EPI_ISL_723209, EPI_ISL_723210, EPI_ISL_723211, EPI_ISL_723213, EPI_ISL_723214, EPI_ISL_723215, EPI_ISL_723216, EPI_ISL_723217, EPI_ISL_723218, EPI_ISL_723220, EPI_ISL_723221, EPI_ISL_723222, EPI_ISL_723225, EPI_ISL_723226, EPI_ISL_723227, EPI_ISL_723229, EPI_ISL_723230, EPI_ISL_723231, EPI_ISL_723242, EPI_ISL_723243, EPI_ISL_723244, EPI_ISL_723245, EPI_ISL_723246, EPI_ISL_723247, EPI_ISL_723248, EPI_ISL_723249, EPI_ISL_723250, EPI_ISL_723251, EPI_ISL_723263, EPI_ISL_723264, EPI_ISL_723265, EPI_ISL_723266, EPI_ISL_723267, EPI_ISL_723268, EPI_ISL_723269, EPI_ISL_723270, EPI_ISL_723272, EPI_ISL_723273, EPI_ISL_723274, EPI_ISL_723288, EPI_ISL_723289, EPI_ISL_723290, EPI_ISL_723291, EPI_ISL_723292, EPI_ISL_723293, EPI_ISL_723294, EPI_ISL_723295, EPI_ISL_723296, EPI_ISL_723297, EPI_ISL_723306, EPI_ISL_723307, EPI_ISL_723308, EPI_ISL_723309, EPI_ISL_723310, EPI_ISL_723311, EPI_ISL_723312, EPI_ISL_723313, EPI_ISL_723314, EPI_ISL_723315, EPI_ISL_723316, EPI_ISL_723317, EPI_ISL_723318, EPI_ISL_723319, EPI_ISL_723320, EPI_ISL_723321, EPI_ISL_723322, EPI_ISL_723323, EPI_ISL_723324, EPI_ISL_723325, EPI_ISL_723327, EPI_ISL_723328, EPI_ISL_723329, EPI_ISL_723330, EPI_ISL_723331, EPI_ISL_723332, EPI_ISL_723333, EPI_ISL_723334, EPI_ISL_723335, EPI_ISL_723336, EPI_ISL_723337, EPI_ISL_723338, EPI_ISL_723339, EPI_ISL_723341, EPI_ISL_723342, EPI_ISL_723343, EPI_ISL_723344, EPI_ISL_723345, EPI_ISL_723346, EPI_ISL_723347, EPI_ISL_723348, EPI_ISL_723349, EPI_ISL_723350, EPI_ISL_723351, EPI_ISL_723352, EPI_ISL_723353, EPI_ISL_723354, EPI_ISL_723355, EPI_ISL_723356, EPI_ISL_723357, EPI_ISL_723358, EPI_ISL_723359, EPI_ISL_723360, EPI_ISL_723361, EPI_ISL_723362, EPI_ISL_723363, EPI_ISL_723364, EPI_ISL_723365, EPI_ISL_723366, EPI_ISL_723367, EPI_ISL_723368, EPI_ISL_723369, EPI_ISL_723370, EPI_ISL_723371, EPI_ISL_723372, EPI_ISL_723373, EPI_ISL_723374, EPI_ISL_723375, EPI_ISL_723376, EPI_ISL_723377, EPI_ISL_723378, EPI_ISL_723379, EPI_ISL_723380, EPI_ISL_723381, EPI_ISL_723382, EPI_ISL_723383, EPI_ISL_723384, EPI_ISL_723385, EPI_ISL_723386, EPI_ISL_723387, EPI_ISL_723388, EPI_ISL_723389, EPI_ISL_723390, EPI_ISL_723391, EPI_ISL_723392, EPI_ISL_723393, EPI_ISL_723394, EPI_ISL_723395, EPI_ISL_723396, EPI_ISL_723397, EPI_ISL_723398, EPI_ISL_723399, EPI_ISL_723400, EPI_ISL_723401, EPI_ISL_723402, EPI_ISL_723403, EPI_ISL_723404, EPI_ISL_723405, EPI_ISL_723406, EPI_ISL_723407, EPI_ISL_723408, EPI_ISL_723409, EPI_ISL_723410, EPI_ISL_723411, EPI_ISL_723412, EPI_ISL_723413, EPI_ISL_723414, EPI_ISL_723415, EPI_ISL_723416, EPI_ISL_723417, EPI_ISL_723418, EPI_ISL_723419, EPI_ISL_723420, EPI_ISL_723421, EPI_ISL_723422, EPI_ISL_723423, EPI_ISL_723424, EPI_ISL_723428, EPI_ISL_723429, EPI_ISL_723430, EPI_ISL_723431, EPI_ISL_723432, EPI_ISL_723433, EPI_ISL_723434, EPI_ISL_723435, EPI_ISL_723436, EPI_ISL_723440, EPI_ISL_723441, EPI_ISL_723442, EPI_ISL_723443, EPI_ISL_723444, EPI_ISL_723445, EPI_ISL_723447, EPI_ISL_723449, EPI_ISL_723450, EPI_ISL_723451, EPI_ISL_723459, EPI_ISL_723466	National Institute for Public Health and the Environment (RIVM)	Adam Meijer, Harry Vennema, 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	
see above	Dutch COVID-19 response team	National Institute for Public Health and the Environment (RIVM)	Adam Meijer, Harry Vennema, 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_723473, EPI_ISL_723477, EPI_ISL_723479, EPI_ISL_723482, EPI_ISL_723483, EPI_ISL_723486, EPI_ISL_723489, EPI_ISL_723490	Virginia DCLS	Virginia DCLS	Virginia DCLS
EPI_ISL_723864, EPI_ISL_723876, EPI_ISL_723885, EPI_ISL_723886, EPI_ISL_723895	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun, Yasmin Chaudhry, Grant Hall, Iliana Georgana, Myra Hosmillo, Martin D. Curran, Malte Pinckert, Surendra Parmar, Ian Goodfellow
EPI_ISL_724063, EPI_ISL_724065, EPI_ISL_724071, EPI_ISL_724087, EPI_ISL_724093, EPI_ISL_724096, EPI_ISL_724104, EPI_ISL_724107, EPI_ISL_724109, EPI_ISL_724110, EPI_ISL_724111, EPI_ISL_724112, EPI_ISL_724115, EPI_ISL_724120, EPI_ISL_724123	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,Garen Scott,Edward Barton,Emma Swindells,Brendan Payne,Jennifer Collins,Yusri Taha,Gary Eltringham
EPI_ISL_724223, EPI_ISL_724224, EPI_ISL_724226	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian / School of Biological Sciences, University of Edinburgh / Institute of Genetics and Molecular Medicine, University of Edinburgh	COVID-19 Genomics UK (COG-UK) Consortium	McHugh M, Dewar R, Rooke S, Gallagher M, Balcaza C, O'Toole Á, Scher E, Hill V, McCrone JT, Colquhoun R, Yu X, Jackson B, Rambaut A, Williams TC, Templeton K
EPI_ISL_724436, EPI_ISL_724442, EPI_ISL_724448, EPI_ISL_724458, EPI_ISL_724464, EPI_ISL_724468, EPI_ISL_724487, EPI_ISL_724499, EPI_ISL_724501, EPI_ISL_724503, EPI_ISL_724517, EPI_ISL_724522	Liverpool Clinical Laboratories	COVID-19 Genomics UK (COG-UK) Consortium	Sam Haldenby, Anita Lucaci, Steve Paterson, Julian Hiscox, Alistair Darby, M Almsaud, A Alrezaihi, Muhannad Alruwaili, Stuart D Armstrong, Jones Benjamin, Eleanor G Bentley, Anu Chawla, Jordan J Clark, Angela Cowell, Richard Eccles, Isabel Garcia-Dorival, Matthew Gemmell, Alessandro Gerada, PKF Gilmore, Richard Gregory, Ximeng Han, Catherine Hartley, Margaret Hughes, Miren Iturriza-Gomara, James Johnson, L Luu, Jenifer Manson, Charlotte Nelson, Elaine O'Toole, Cassie Olateju, Rebekah Penrice-Randal, Lucille Rainbow, N.P Randle, Trevor Ian Robinson, Parul Sharma, Ghada T Shawli, James P Stewart, Neil Swainston, Ecaterina Vamos, Joanne Watts, Mark Whitehead
EPI_ISL_724857, EPI_ISL_724859, EPI_ISL_724874, EPI_ISL_724878, EPI_ISL_724880, EPI_ISL_724882, EPI_ISL_724883, EPI_ISL_724888, EPI_ISL_724889, EPI_ISL_724891, EPI_ISL_724924, EPI_ISL_724936, EPI_ISL_724938, EPI_ISL_724941, EPI_ISL_724942, EPI_ISL_724954, EPI_ISL_724959, EPI_ISL_725008, EPI_ISL_725016	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,Garen Scott,Edward Barton,Emma Swindells,Brendan Payne,Jennifer Collins,Yusri Taha,Gary Eltringham
EPI_ISL_725184, EPI_ISL_725226, EPI_ISL_725248, EPI_ISL_725260	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_725534	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Gemma Clark, Wendy Smith, Manjinder Khakh, Vicki M Fleming, Michelle M Lister, Hannah Howson-Wells, Jonathan Ball, Patrick McClure, Joseph Chappell, Theocharis Tsoleridis, Nadine Holmes, Matthew Carlisle, Christopher Moore, Fei Sang, Johnny Debebe, Victoria Wright, Matthew Loose
EPI_ISL_725556, EPI_ISL_725558, EPI_ISL_725573, EPI_ISL_725581,	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

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All Submitters of data may be contacted directly via [www.gisaid.org](http://www.gisaid.org)

Authors are sorted alphabetically.

Accession ID	Originating Laboratory	Submitting Laboratory	Authors
EPI_ISL_726619, EPI_ISL_726620, EPI_ISL_726622, EPI_ISL_726623, EPI_ISL_726624, EPI_ISL_726626, EPI_ISL_726627, EPI_ISL_726628, EPI_ISL_726631, EPI_ISL_726635, EPI_ISL_726640, EPI_ISL_726644, EPI_ISL_726672, EPI_ISL_726684, EPI_ISL_726688, EPI_ISL_726697, EPI_ISL_726706, EPI_ISL_726708, EPI_ISL_726714, EPI_ISL_726715, EPI_ISL_726718, EPI_ISL_726721, EPI_ISL_726724, EPI_ISL_726728, EPI_ISL_726729, EPI_ISL_726735, EPI_ISL_726736, EPI_ISL_726737, EPI_ISL_726740, EPI_ISL_726748, EPI_ISL_726749, EPI_ISL_726751, EPI_ISL_726753, EPI_ISL_726754, EPI_ISL_726755, EPI_ISL_726760, EPI_ISL_726761, EPI_ISL_726768, EPI_ISL_726771, EPI_ISL_726772, EPI_ISL_726780, EPI_ISL_726782, EPI_ISL_726787, EPI_ISL_726788, EPI_ISL_726789, EPI_ISL_726792, EPI_ISL_726794, EPI_ISL_726796, EPI_ISL_726801, EPI_ISL_726802, EPI_ISL_726806, EPI_ISL_726808, EPI_ISL_726815, EPI_ISL_726817, EPI_ISL_726819, EPI_ISL_726820, EPI_ISL_726823, EPI_ISL_726824, EPI_ISL_726828, EPI_ISL_726830, EPI_ISL_726831, EPI_ISL_726833, EPI_ISL_726842, EPI_ISL_726845, EPI_ISL_726848, EPI_ISL_726870, EPI_ISL_726883, EPI_ISL_726891, EPI_ISL_726908, EPI_ISL_726954, EPI_ISL_726964, EPI_ISL_726967, EPI_ISL_726970, EPI_ISL_726974, EPI_ISL_726975, EPI_ISL_726977, EPI_ISL_726979, EPI_ISL_726980, EPI_ISL_726983, EPI_ISL_726985, EPI_ISL_726989, EPI_ISL_726990, EPI_ISL_726991, EPI_ISL_726992, EPI_ISL_726993, EPI_ISL_726995, EPI_ISL_726996, EPI_ISL_726997, EPI_ISL_727001, EPI_ISL_727004, EPI_ISL_727005, EPI_ISL_727006, EPI_ISL_727008, EPI_ISL_727009, EPI_ISL_727011, EPI_ISL_727015, EPI_ISL_727016, EPI_ISL_727017, EPI_ISL_727019, EPI_ISL_727020, EPI_ISL_727021, EPI_ISL_727023, EPI_ISL_727025, EPI_ISL_727027, EPI_ISL_727030, EPI_ISL_727218, EPI_ISL_727226, EPI_ISL_727416, EPI_ISL_727417, EPI_ISL_727442, EPI_ISL_727445, EPI_ISL_727446, EPI_ISL_727448, EPI_ISL_727449, EPI_ISL_727461, EPI_ISL_727466, EPI_ISL_727474, EPI_ISL_727477, EPI_ISL_727480, EPI_ISL_727483, EPI_ISL_727486, EPI_ISL_727495, EPI_ISL_727496, EPI_ISL_727499			
see above	Wales Specialist Virology Centre Sequencing lab: Pathogen Genomics Unit	COVID-19 Genomics UK (COG-UK) Consortium	Catherine Moore, Johnathan Evans, Laura Gifford, Malorie Perry, Simon Cottrell, Angela Marchbank, Alec Birchley, Alexander Adams, Amy Gaskin, Bree Gatca-Wilcox, Jason Coombes, Joel Southgate, Lauren Gilbert, Lee Graham, Nicole Pacchiarini, Sara Kumziene-Summerhayes, Sarah Taylor, Sophie Jones, Sara Rey, Matthew Bull, Joanne Watkins, Sally Corden, Tom Connor
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see above	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_728249, EPI_ISL_728250, EPI_ISL_728251, EPI_ISL_728252	Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia	Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia	Supphaj J, Kamel K, Mohd-Zawawi Z, Thayan R
EPI_ISL_728300	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_728311, EPI_ISL_728315, EPI_ISL_728317, EPI_ISL_728319, EPI_ISL_728320	CNR Virus des Infections Respiratoires - France SUD	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Claudia Gonzalez, Gwendolynne Burfin, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_728564, EPI_ISL_728638, EPI_ISL_728639, EPI_ISL_728640, EPI_ISL_728641, EPI_ISL_728643, EPI_ISL_728674, EPI_ISL_728675, EPI_ISL_728676, EPI_ISL_728677, EPI_ISL_728678, EPI_ISL_728679, EPI_ISL_728680, EPI_ISL_728681, EPI_ISL_728684, EPI_ISL_728685, EPI_ISL_728687, EPI_ISL_728688, EPI_ISL_728696, EPI_ISL_728708, EPI_ISL_728709, EPI_ISL_728710, EPI_ISL_728711, EPI_ISL_728712, EPI_ISL_728713, EPI_ISL_728714, EPI_ISL_728715, EPI_ISL_728716, EPI_ISL_728717, EPI_ISL_728718, EPI_ISL_728719, EPI_ISL_728720, EPI_ISL_728723, EPI_ISL_728724, EPI_ISL_728727, EPI_ISL_728733, EPI_ISL_728735, EPI_ISL_728736, EPI_ISL_728737, EPI_ISL_728748, EPI_ISL_728749, EPI_ISL_728750, EPI_ISL_728751, EPI_ISL_728752, EPI_ISL_728753, EPI_ISL_728754, EPI_ISL_728755, EPI_ISL_728757, EPI_ISL_728758, EPI_ISL_728759, EPI_ISL_728760, EPI_ISL_728761, EPI_ISL_728762			
see above	Dutch COVID-19 response team	National Institute for Public Health and the Environment (RIVM)	Adam Meijer, Harry Vennema, 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_729265, EPI_ISL_729266, EPI_ISL_729271, EPI_ISL_729273, EPI_ISL_729274, EPI_ISL_729277, EPI_ISL_729278, EPI_ISL_729280, EPI_ISL_729284, EPI_ISL_729285, EPI_ISL_729290, EPI_ISL_729291, EPI_ISL_729292, EPI_ISL_729293, EPI_ISL_729294, EPI_ISL_729295, EPI_ISL_729296, EPI_ISL_729297, EPI_ISL_729298, EPI_ISL_729300, EPI_ISL_729301, EPI_ISL_729302, EPI_ISL_729304, EPI_ISL_729305, EPI_ISL_729306, EPI_ISL_729308, EPI_ISL_729310, EPI_ISL_729311, EPI_ISL_729312, EPI_ISL_729313, EPI_ISL_729315, EPI_ISL_729316, EPI_ISL_729317, EPI_ISL_729319, EPI_ISL_729321, EPI_ISL_729322, EPI_ISL_729323, EPI_ISL_729324, EPI_ISL_729325, EPI_ISL_729326, EPI_ISL_729327, EPI_ISL_729329, EPI_ISL_729331, EPI_ISL_729332, EPI_ISL_729333, EPI_ISL_729334			
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EPI_ISL_729420, EPI_ISL_729443, EPI_ISL_729445, EPI_ISL_729446, EPI_ISL_729447, EPI_ISL_729448, EPI_ISL_729452, EPI_ISL_729459, EPI_ISL_729645, EPI_ISL_729646, EPI_ISL_729648, EPI_ISL_729649, EPI_ISL_729650, EPI_ISL_729651, EPI_ISL_729652, EPI_ISL_729671, EPI_ISL_729672, EPI_ISL_729674, EPI_ISL_729675, EPI_ISL_729676, EPI_ISL_729677, EPI_ISL_729678, EPI_ISL_729679, EPI_ISL_729680, EPI_ISL_729681, EPI_ISL_729682, EPI_ISL_729684, EPI_ISL_729685, EPI_ISL_729687, EPI_ISL_729689, EPI_ISL_729690, EPI_ISL_729691, EPI_ISL_729692, EPI_ISL_729693, EPI_ISL_729694, EPI_ISL_729695, EPI_ISL_729696, EPI_ISL_729704, EPI_ISL_729715, EPI_ISL_729720, EPI_ISL_729722, EPI_ISL_729723, EPI_ISL_729728, EPI_ISL_729729, EPI_ISL_729730, EPI_ISL_729732, EPI_ISL_729733, EPI_ISL_729734			
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EPI_ISL_730322	San Diego County Public Health Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Tracy Basler, Jovan Shephard, Brett Austin
EPI_ISL_731251, EPI_ISL_731253, EPI_ISL_731892	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_731894	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_731920	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_731925, EPI_ISL_731927, EPI_ISL_731928, EPI_ISL_731929, EPI_ISL_731930	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_731951, EPI_ISL_731998, EPI_ISL_731999, EPI_ISL_732008, EPI_ISL_732009, EPI_ISL_732010, EPI_ISL_732011, EPI_ISL_732111, EPI_ISL_732112, EPI_ISL_732113	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_732188, EPI_ISL_732189, EPI_ISL_732190, EPI_ISL_732191, EPI_ISL_732192, EPI_ISL_732193, EPI_ISL_732194, EPI_ISL_732195, EPI_ISL_732219, EPI_ISL_732220, EPI_ISL_732232, EPI_ISL_732233, EPI_ISL_732234, EPI_ISL_732235, EPI_ISL_732236, EPI_ISL_732237, EPI_ISL_732238, EPI_ISL_732239, EPI_ISL_732240, EPI_ISL_732241, EPI_ISL_732242, EPI_ISL_732243, EPI_ISL_732244, EPI_ISL_732245			
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_732472, EPI_ISL_732493, EPI_ISL_732497, EPI_ISL_732498, EPI_ISL_732499, EPI_ISL_732500, EPI_ISL_732503, EPI_ISL_732505, EPI_ISL_732506, EPI_ISL_732508, EPI_ISL_732509, EPI_ISL_732512, EPI_ISL_732513, EPI_ISL_732514, EPI_ISL_732515, EPI_ISL_732522			
see above	National Virus Reference Laboratory	National Virus Reference Laboratory	Michael Carr, Gabriel Gonzalez, Jonathan Dean, Daniel Hare, Cillian F De Gascun
EPI_ISL_732654	Klinisk mikrobiologi	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_732655	Narhalsan Fjällbacka VC	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_732686, EPI_ISL_732687, EPI_ISL_732688, EPI_ISL_732689, EPI_ISL_732690, EPI_ISL_732691,	CNR Virus des Infections Respiratoires - France SUD	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Claudia Gonzalez, Gwendolynne Burfin, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset

EPI_ISL_732692			
EPI_ISL_732949, EPI_ISL_732951, EPI_ISL_732952, EPI_ISL_732954, EPI_ISL_732955, EPI_ISL_732956, EPI_ISL_732957, EPI_ISL_732958, EPI_ISL_732959	Department of Tropical Parasitology	Laboratory of Recombinant Vaccines	Lukasz Rabalski, Maciej Kosinski, Teemu Smura, Kirsi Aaltonen, Ravi Kant, Tarja Sironen, Boguslaw Szewczyk, Maciej Grzybek
EPI_ISL_732975, EPI_ISL_732980, EPI_ISL_732982, EPI_ISL_732987, EPI_ISL_732988, EPI_ISL_732986	WHO National Influenza Centre Russian Federation	WHO National Influenza Centre Russian Federation	Andrey Komissarov, Artem Fadeev, Anna Ivanova, Kseniya Komissarova, Dmitry Bazhenov, Daria Danilenko, Ksenia Safina, Elena Nabieva, Georgii Bazykin, Dmitry Lioznov
EPI_ISL_733493	Omsk Research Institute of Natural Focal Infections	WHO National Influenza Centre Russian Federation	Andrey Komissarov, Artem Fadeev, Anna Ivanova, Kseniya Komissarova, Dmitry Bazhenov, Daria Danilenko, Ekaterina Gradoboeva, Elena Poleshchuk, Aleksei Vasilenko, Valery Yakimenko, Ksenia Safina, Elena Nabieva, Georgii Bazykin, Dmitry Lioznov
EPI_ISL_734170, EPI_ISL_734172, EPI_ISL_734174, EPI_ISL_734180, EPI_ISL_734181, EPI_ISL_734187, EPI_ISL_734189, EPI_ISL_734191, EPI_ISL_734192, EPI_ISL_734193, EPI_ISL_734195, EPI_ISL_734196, EPI_ISL_734198, EPI_ISL_734200, EPI_ISL_734225	see above	Virginia Division of Consolidated Laboratory Services (DCLS)	Virginia DCLS
EPI_ISL_734481	Masonic Medical Research Institute	Wadsworth Center, New York State Department of Health	Kirsten St. George, Nathan Tucker, Ryan D. Pfeiffer, Daryl M. Lamson, Alexis Russel, Jonathan Plitnick, Navjot Singh, John Kelly, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_735221, EPI_ISL_735222, EPI_ISL_735224, EPI_ISL_735225, EPI_ISL_735226, EPI_ISL_735227, EPI_ISL_735228, EPI_ISL_735229, EPI_ISL_735230, EPI_ISL_735231, EPI_ISL_735232, EPI_ISL_735233, EPI_ISL_735234, EPI_ISL_735235, EPI_ISL_735236, EPI_ISL_735237, EPI_ISL_735238	see above	UZ Leuven, National Reference Laboratory for Coronaviruses, Laboratory Medicine, Leuven, Belgium	KU Leuven, Rega Institute, Clinical and Epidemiological Virology
EPI_ISL_735490	Rangamati General Hospital RT-PCR lab,	Central Biological Research Laboratory and Department of Biochemistry and Molecular Biology	Robiul Hasan Bhuiyan, Md. Imranul Hoq, Md. Khondakar Raziur Rahman, Imam Hossen, Sajib Rudra, Md. Arif Hossain, Shanta Paul, Md. Omer Faruq, H. M. Abdullah Al Masud, Mohammad Omar Faruque
EPI_ISL_735493	Cox's Bazar Medicila College	Central Biological Research Laboratory and Department of Biochemistry and Molecular Biology Central Biological Research Laboratory and Department of Biochemistry and Molecular Biology	Robiul Hasan Bhuiyan, Md. Imranul Hoq, Md. Khondakar Raziur Rahman, Imam Hossen, Sajib Rudra, Md. Arif Hossain, Shanta Paul, Md. Omer Faruq, H. M. Abdullah Al Masud, Mohammad Omar Faruque
EPI_ISL_735494	Cox's Bazar Medical College	Central Biological Research Laboratory and Department of Biochemistry and Molecular Biology	Md. Imranul Hoq, Robiul Hasan Bhuiyan, Md. Khondakar Raziur Rahman, Imam Hossen, Sajib Rudra, Md. Arif Hossain, Shanta Paul, Md. Omer Faruq, Mohammad Omar Faruque, H. M. Abdullah Al Masud
EPI_ISL_735496	Chattogram Veterinary and Animal Sciences University	Central Biological Research Laboratory and Department of Biochemistry and Molecular Biology	Md. Imranul Hoq, Robiul Hasan Bhuiyan, Md. Khondakar Raziur Rahman, Imam Hossen, Sajib Rudra, Md. Arif Hossain, Shanta Paul, Md. Omer Faruq, Mohammad Omar Faruque, H. M. Abdullah Al Masud
EPI_ISL_735497	Chattogram Veterinary and Animal Sciences University	Central Biological Research Laboratory and Department of Biochemistry and Molecular Biology	Mohammad Omar Faruque, H. M. Abdullah Al Masud, Imam Hossen, Md. Khondakar Raziur Rahman, Sajib Rudra, Md. Arif Hossain, Shanta Paul, Md. Omer Faruq, Robiul Hasan Bhuiyan, Md. Imranul Hoq
EPI_ISL_736926, EPI_ISL_736994	NHLS-IALCH	KRISP, KZN Research Innovation and Sequencing Platform	Giandhari J, Pillay S, Lessells R, ChimukangaraB, Mdalose K, York D, Khan S, Tegally H, Wilkinson E, de Oliveira T
EPI_ISL_737182	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_737236	Los Angeles County PHL	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_737853	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Catharine Aquino, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Andreia Cabral de Gouvea, Maria Domenica Moccia, Simon Gräter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patrignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_738064, EPI_ISL_738065	Department of Laboratory Medicine, National Taiwan University Hospital	Microbial Genomics Core Lab, National Taiwan University Centers of Genomic and Precision Medicine	Shiou-Hwei Yeh, You-Yu Lin, Ya-Yun Lai, Chiao-Ling Li, Shan-Chwen Chang, Pei-Jer Chen, Sui-Yuan Chang
EPI_ISL_738326, EPI_ISL_738327, EPI_ISL_738328, EPI_ISL_738329, EPI_ISL_738330, EPI_ISL_738331, EPI_ISL_738332, EPI_ISL_738333, EPI_ISL_738335, EPI_ISL_738336, EPI_ISL_738337, EPI_ISL_738338, EPI_ISL_738339, EPI_ISL_738340, EPI_ISL_738341, EPI_ISL_738342, EPI_ISL_738343, EPI_ISL_738344, EPI_ISL_738345, EPI_ISL_738346, EPI_ISL_738347, EPI_ISL_738348, EPI_ISL_738349	see above	Landstuhl Regional Medical Center	United States Air Force School of Aerospace Medicine
EPI_ISL_738714, EPI_ISL_738723	Renegade	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_738729, EPI_ISL_738755, EPI_ISL_738761	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_738770	Renegade	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_738771, EPI_ISL_738805	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_738811, EPI_ISL_738818, EPI_ISL_738823, EPI_ISL_738840	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_738842	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_738860	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_738864	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_738877	Renegade	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_738893, EPI_ISL_738899	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_738903	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_738905, EPI_ISL_738908, EPI_ISL_738928	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_738941, EPI_ISL_738955	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_738968	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_738984	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_738991	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_738994, EPI_ISL_739008	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_739014	Renegade	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_739034	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_739053	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_739063	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium

EPI_ISL_739066	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_739069, EPI_ISL_739071	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_739076	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_739094, EPI_ISL_739097	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_739123	Humboldt County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_739125	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_739146, EPI_ISL_739153	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_739154, EPI_ISL_739191	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_739204	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_739211, EPI_ISL_739222, EPI_ISL_739230, EPI_ISL_739238	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_739252, EPI_ISL_739253	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_739266	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_739269	Humboldt County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_739276	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_739277	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_739289	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_739313	Humboldt County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_739316	Renegade	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_739320, EPI_ISL_739327	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_739379	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_739380, EPI_ISL_739381	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_739403	Humboldt County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_739410	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_739416	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_739441	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_739457	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_739466	Renegade	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_739476	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_739478	Renegade	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_739482	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_739487, EPI_ISL_739491	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_739513, EPI_ISL_739524	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_739543	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_739547, EPI_ISL_739559	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_739562	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_739564	Renegade	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_739568, EPI_ISL_739570, EPI_ISL_739573, EPI_ISL_739577	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_739579	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_739582	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_739584, EPI_ISL_739596	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_739607	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_739612	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_739625, EPI_ISL_739627, EPI_ISL_739636	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_739650	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_739655	Renegade	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_739660, EPI_ISL_739661	Al-Quds Nutrition and Health Research Institute, Al-Quds University	Al-Quds Nutrition and Health Research Institute, Al-Quds University	Nasereddin,A., Ereqat,S., Al-Jawabreh,A., Rishmawi,C.
EPI_ISL_739694, EPI_ISL_739697, EPI_ISL_739706, EPI_ISL_739707, EPI_ISL_739708, EPI_ISL_739710, EPI_ISL_739719, EPI_ISL_739721, EPI_ISL_739723, EPI_ISL_739730, EPI_ISL_739740, EPI_ISL_739741, EPI_ISL_739742, EPI_ISL_739752, EPI_ISL_739759, EPI_ISL_739763, EPI_ISL_739764, EPI_ISL_739771, EPI_ISL_739772, EPI_ISL_739775, EPI_ISL_739776, EPI_ISL_739779, EPI_ISL_739793, EPI_ISL_739797, EPI_ISL_739801, EPI_ISL_739805, EPI_ISL_739811, EPI_ISL_739821, EPI_ISL_739823, EPI_ISL_739842, EPI_ISL_739846, EPI_ISL_739847, EPI_ISL_739849, EPI_ISL_739857, EPI_ISL_739858, EPI_ISL_739865, EPI_ISL_739872, EPI_ISL_739876, EPI_ISL_739879, EPI_ISL_739885, EPI_ISL_739887, EPI_ISL_739888, EPI_ISL_739890, EPI_ISL_739893, EPI_ISL_739899, EPI_ISL_739901, EPI_ISL_739907, EPI_ISL_739921, EPI_ISL_739928, EPI_ISL_739932, EPI_ISL_739935, EPI_ISL_739938, EPI_ISL_739942, EPI_ISL_739950, EPI_ISL_739960, EPI_ISL_739966, EPI_ISL_739972, EPI_ISL_739979, EPI_ISL_739984, EPI_ISL_739986, EPI_ISL_739989, EPI_ISL_739991, EPI_ISL_740011, EPI_ISL_740012, EPI_ISL_740029, EPI_ISL_740035, EPI_ISL_740059, EPI_ISL_740065, EPI_ISL_740075, EPI_ISL_740083, EPI_ISL_740088, EPI_ISL_740089, EPI_ISL_740094, EPI_ISL_740102, EPI_ISL_740112, EPI_ISL_740119, EPI_ISL_740128, EPI_ISL_740140, EPI_ISL_740143, EPI_ISL_740148, EPI_ISL_740151, EPI_ISL_740152, EPI_ISL_740158, EPI_ISL_740163, EPI_ISL_740164, EPI_ISL_740167, EPI_ISL_740174, EPI_ISL_740177, EPI_ISL_740211, EPI_ISL_740212, EPI_ISL_740213, EPI_ISL_740216, EPI_ISL_740223, EPI_ISL_740228, EPI_ISL_740235, EPI_ISL_740236, EPI_ISL_740241, EPI_ISL_740253, EPI_ISL_740255, EPI_ISL_740257, EPI_ISL_740284, EPI_ISL_740285, EPI_ISL_740297, EPI_ISL_740299, EPI_ISL_740301, EPI_ISL_740303, EPI_ISL_740309, EPI_ISL_740311, EPI_ISL_740312, EPI_ISL_740315, EPI_ISL_740325, EPI_ISL_740335, EPI_ISL_740339, EPI_ISL_740341, EPI_ISL_740350, EPI_ISL_740351, EPI_ISL_740363, EPI_ISL_740367, EPI_ISL_740371, EPI_ISL_740374, EPI_ISL_740376, EPI_ISL_740378, EPI_ISL_740379, EPI_ISL_740380, EPI_ISL_740385, EPI_ISL_740389, EPI_ISL_740392, EPI_ISL_740393, EPI_ISL_740395, EPI_ISL_740400, EPI_ISL_740411, EPI_ISL_740413, EPI_ISL_740416, EPI_ISL_740420, EPI_ISL_740422, EPI_ISL_740426, EPI_ISL_740428, EPI_ISL_740437, EPI_ISL_740446, EPI_ISL_740452, EPI_ISL_740454, EPI_ISL_740458, EPI_ISL_740459, EPI_ISL_740463, EPI_ISL_740472, EPI_ISL_740476, EPI_ISL_740483, EPI_ISL_740484, EPI_ISL_740494, EPI_ISL_740505, EPI_ISL_740517, EPI_ISL_740523, EPI_ISL_740524, EPI_ISL_740529, EPI_ISL_740541			
see above	Laboratoire national de santé, Microbiology, Virology	Laboratoire national de santé, Microbiology, Microbial Genomics Platform	Anke Wienecke-Baldacchino, Catherine Ragimbeau,Jessica Tapp, Fatu Djabi, Lise Pignon, Raoul Salmon, Tamir Abdelrahman
EPI_ISL_740547	Department of Laboratory Medicine, National Taiwan University Hospital	Microbial Genomics Core Lab, National Taiwan University Centers of Genomic and Precision Medicine	Shiou-Hwei Yeh, You-Yu Lin, Ya-Yun Lai, Chiao-Ling Li, Shan-Chwen Chang, Pei-Jer Chen, Sui-Yuan Chang



EPI_ISL_747711, EPI_ISL_747712, EPI_ISL_747713, EPI_ISL_747714, EPI_ISL_747716, EPI_ISL_747717, EPI_ISL_747718, EPI_ISL_747719, EPI_ISL_747720, EPI_ISL_748021, EPI_ISL_748022, EPI_ISL_748023, EPI_ISL_748025, EPI_ISL_748026, EPI_ISL_748027, EPI_ISL_748028, EPI_ISL_748030, EPI_ISL_748031, EPI_ISL_748032, EPI_ISL_748034, EPI_ISL_748035, EPI_ISL_748036, EPI_ISL_748037, EPI_ISL_748038, EPI_ISL_748039, EPI_ISL_748040, EPI_ISL_748041, EPI_ISL_748042, EPI_ISL_748043, EPI_ISL_748044, EPI_ISL_748045, EPI_ISL_748046, EPI_ISL_748047, EPI_ISL_748048, EPI_ISL_748049, EPI_ISL_748050, EPI_ISL_748051, EPI_ISL_748052, EPI_ISL_748054, EPI_ISL_748055, EPI_ISL_748056, EPI_ISL_748057, EPI_ISL_748058, EPI_ISL_748059, EPI_ISL_748060, EPI_ISL_748061, EPI_ISL_748062, EPI_ISL_748063, EPI_ISL_748064, EPI_ISL_748065, EPI_ISL_748066, EPI_ISL_748068, EPI_ISL_748070, EPI_ISL_748071, EPI_ISL_748072, EPI_ISL_748073, EPI_ISL_748074, EPI_ISL_748075, EPI_ISL_748076, EPI_ISL_748077, EPI_ISL_748078, EPI_ISL_748079, EPI_ISL_748080, EPI_ISL_748081, EPI_ISL_748082, EPI_ISL_748083, EPI_ISL_748084, EPI_ISL_748085, EPI_ISL_748086, EPI_ISL_748087, EPI_ISL_748088, EPI_ISL_748089, EPI_ISL_748090, EPI_ISL_748092, EPI_ISL_748094, EPI_ISL_748095, EPI_ISL_748096, EPI_ISL_748097, EPI_ISL_748099, EPI_ISL_748100, EPI_ISL_748101, EPI_ISL_748102, EPI_ISL_748103, EPI_ISL_748104, EPI_ISL_748105, EPI_ISL_748107, EPI_ISL_748108, EPI_ISL_748109, EPI_ISL_748110, EPI_ISL_748112, EPI_ISL_748113, EPI_ISL_748114, EPI_ISL_748115, EPI_ISL_748116, EPI_ISL_748117			
see above	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen Lab, Department of Chemistry and Bioscience, Aalborg University, Denmark	Danish Covid-19 Genome Consortium
EPI_ISL_751454, EPI_ISL_751455, EPI_ISL_751456, EPI_ISL_751457, EPI_ISL_751458, EPI_ISL_751460, EPI_ISL_751463, EPI_ISL_751464, EPI_ISL_751465, EPI_ISL_751472, EPI_ISL_751473, EPI_ISL_751474, EPI_ISL_751475, EPI_ISL_751476			
see above	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_751558	NH Dept. of Health and Human Services Public Health Labs	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751565	IA State Hygienic Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751576	MN PHL Division, Minnesota Department of Health	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751577	MD DOH Laboratories Administration	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751578	HI Dept. of Health, State Laboratories Division	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751581	NYSDOH Wadsworth Center, Virology Lab	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751585	NE Public Health Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751598	AK State Public Health Lab, State Health Department	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751602	DE Public Health Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751606, EPI_ISL_751607	MD DOH Laboratories Administration	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751613	OH Department of Health Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751614, EPI_ISL_751618	ID Bureau of Laboratories	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751638	NE Public Health Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751641	MN PHL Division, Minnesota Department of Health	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751649, EPI_ISL_751650	CT-Dr. Katherine A. Kelley State Public Health Lab	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751656	MO State Public Health Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751659	NJ Public Health and Environmental Laboratories	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751661	MS Public Health Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751666	IA State Hygienic Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751683	MS Public Health Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751689	OR State PHL-Virology/Immunology Section	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751694	AK State Public Health Lab, State Health Department	Genomics and Discovery, Respiratory Viruses Branch,	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang,

		Division of Viral Diseases, Centers for Disease Control and Prevention	Justin Lee, Suxiang Tong
EPI_ISL_751715	MO State Public Health Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751716	MN PHL Division, Minnesota Department of Health	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751729	CT-Dr. Katherine A. Kelley State Public Health Lab	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751733	MN PHL Division, Minnesota Department of Health	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751734	NE Public Health Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751739	MN PHL Division, Minnesota Department of Health	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751741	OH Department of Health Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751742	IA State Hygienic Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751748	ID Bureau of Laboratories	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751752	LA Office of Public Health Laboratories	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751758, EPI_ISL_751767	HI Dept. of Health, State Laboratories Division	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751779	IA State Hygienic Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751784	VA-Division of Consolidated Laboratory Services	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751787	TX DSHS, Lab Services Section MC 1947	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751793	AK State Public Health Lab, State Health Department	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_752531, EPI_ISL_752532, EPI_ISL_752533, EPI_ISL_752535, EPI_ISL_752538, EPI_ISL_752539, EPI_ISL_752540, EPI_ISL_752541, EPI_ISL_752542, EPI_ISL_752546, EPI_ISL_752547, EPI_ISL_752548, EPI_ISL_752549, EPI_ISL_752550, EPI_ISL_752551, EPI_ISL_752553, EPI_ISL_752554, EPI_ISL_752555			
see above	National Virus Reference Laboratory	National Virus Reference Laboratory	Michael Carr, Gabriel Gonzalez, Jonathan Dean, Daniel Hare, Cillian F De Gascun
EPI_ISL_752605	Faculty of Medicine, Al-Quds University	Faculty of Medicine, Al-Quds University	Ereqat,S., Nasereddin,A. and Al-Jawabreh,A.
EPI_ISL_753114, EPI_ISL_753116, EPI_ISL_753117, EPI_ISL_753118, EPI_ISL_753119, EPI_ISL_753120, EPI_ISL_753129, EPI_ISL_753130, EPI_ISL_753131, EPI_ISL_753132, EPI_ISL_753133, EPI_ISL_753134, EPI_ISL_753135, EPI_ISL_753136, EPI_ISL_753137, EPI_ISL_753138, EPI_ISL_753139, EPI_ISL_753140, EPI_ISL_753141, EPI_ISL_753142, EPI_ISL_753143, EPI_ISL_753144, EPI_ISL_753145, EPI_ISL_753146, EPI_ISL_753154, EPI_ISL_753156, EPI_ISL_753157, EPI_ISL_753158, EPI_ISL_753160, EPI_ISL_753161, EPI_ISL_753163, EPI_ISL_753164, EPI_ISL_753165, EPI_ISL_753166, EPI_ISL_753167, EPI_ISL_753170, EPI_ISL_753171, EPI_ISL_753173, EPI_ISL_753174, EPI_ISL_753176, EPI_ISL_753177, EPI_ISL_753198, EPI_ISL_753200, EPI_ISL_753222			
see above	State Laboratories Division, Hawaii State Department of Health	State Laboratories Division, Hawaii State Department of Health	Pamela O'Brien, Sabrina Diemert, Drew Kuwazaki, Razvan Sultana, Edward Desmond
EPI_ISL_753494, EPI_ISL_753526, EPI_ISL_753541, EPI_ISL_753542, EPI_ISL_753543, EPI_ISL_753544, EPI_ISL_753545, EPI_ISL_753546, EPI_ISL_753547, EPI_ISL_753548, EPI_ISL_753549, EPI_ISL_753550, EPI_ISL_753551, EPI_ISL_753552, EPI_ISL_753553, EPI_ISL_753554, EPI_ISL_753555, EPI_ISL_753556, EPI_ISL_753557, EPI_ISL_753558, EPI_ISL_753564, EPI_ISL_753627, EPI_ISL_753634, EPI_ISL_753643, EPI_ISL_753644, EPI_ISL_753645, EPI_ISL_753646, EPI_ISL_753647, EPI_ISL_753648, EPI_ISL_753649, EPI_ISL_753650, EPI_ISL_753651, EPI_ISL_753652			
see above	Clinical virology Laboratory, Children's Hospital Los Angeles	Center for Personalized Medicine, Children's Hospital Los Angeles	Gai et al
EPI_ISL_753827, EPI_ISL_753830, EPI_ISL_753831, EPI_ISL_753833	Charité Universitätsmedizin Berlin, Institut für Virologie/Labor Berlin	Charité Universitätsmedizin Berlin, Institut für Virologie Berlin	Victor M Corman, Jörn Beheim-Schwarzbach, Barbara Mühlemann, Julia Schneider, Talitha Veith, Terry Jones, Christian Drosten
EPI_ISL_754141, EPI_ISL_754143, EPI_ISL_754144, EPI_ISL_754145, EPI_ISL_754152, EPI_ISL_754153, EPI_ISL_754154, EPI_ISL_754155, EPI_ISL_754156, EPI_ISL_754157, EPI_ISL_754161, EPI_ISL_754162			
see above	Laboratoire de Microbiologie	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 Enout, Maud Vanpeene, Sylvie van der Werf, Marie-Sarah Fangous
EPI_ISL_754173	Specialized Lab for COVID-19 Detection, Department of Genetic Engineering and Biotechnology	Specialized Lab for COVID-19 Detection, Department of Genetic Engineering and Biotechnology	Md. Nazmul Hasan, Shamsul H. Prodhan, Hammadul Hoque , Nurnabi Azad Jewel, Mumtahn Ahammed, Mahedi Hasan Ridoy, Avishek Sarkar
EPI_ISL_754176	Specialized Lab for COVID-19 Detection, Department of Genetic Engineering and Biotechnology	Specialized Lab for COVID-19 Detection, Department of Genetic Engineering and Biotechnology	Shamsul H. Prodhan, Hammadul Hoque, Nurnabi Azad Jewel, Md. Nazmul Hasan, Md. Mainul Hossain Bakul, Md. Rabiul Awal
EPI_ISL_754177	Specialized Lab for COVID-19 Detection, Department of Genetic Engineering and Biotechnology	Specialized Lab for COVID-19 Detection, Department of Genetic Engineering and Biotechnology	Nurnabi Azad Jewel, Md. Nazmul Hasan, Shamsul H. Prodhan, Hammadul Hoque, Asim Debnath, Sudipto Sakib Duranto
EPI_ISL_754257, EPI_ISL_754287, EPI_ISL_754294, EPI_ISL_754296, EPI_ISL_754297, EPI_ISL_754333,	Respiratory Virus Unit, National Infection Service, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team

EPI_ISL_754334, EPI_ISL_754336, EPI_ISL_754354			
EPI_ISL_754402, EPI_ISL_754417, EPI_ISL_754421, EPI_ISL_754477, EPI_ISL_754482, EPI_ISL_754483, EPI_ISL_754488, EPI_ISL_754490, EPI_ISL_754491, EPI_ISL_754493, EPI_ISL_754496, EPI_ISL_754497, EPI_ISL_754499, EPI_ISL_754501, EPI_ISL_754503, EPI_ISL_754506, EPI_ISL_754580, EPI_ISL_754582, EPI_ISL_754583, EPI_ISL_754585, EPI_ISL_754588, EPI_ISL_754589, EPI_ISL_754592, EPI_ISL_754594, EPI_ISL_754595, EPI_ISL_754596, EPI_ISL_754598, EPI_ISL_754605, EPI_ISL_754606, EPI_ISL_754608, EPI_ISL_754610, EPI_ISL_754611, EPI_ISL_754614, EPI_ISL_754618			
see above	Wadsworth Center, New York State Department.of Health	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, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_755111	California Department of Public Health	California Department of Public Health	CDPH IDLB COVIDNet
EPI_ISL_755216, EPI_ISL_755217, EPI_ISL_755220, EPI_ISL_755224	UCSD EXCITE lab	Andersen lab at Scripps Research	SEARCH Alliance San Diego
EPI_ISL_755270, EPI_ISL_755271, EPI_ISL_755274, EPI_ISL_755275, EPI_ISL_755278, EPI_ISL_755290, EPI_ISL_755295	San Diego County Public Health Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Tracy Basler, Jovan Shephard, Brett Austin
EPI_ISL_755434, EPI_ISL_755436, EPI_ISL_755437, EPI_ISL_755439, EPI_ISL_755440, EPI_ISL_755444, EPI_ISL_755446, EPI_ISL_755448, EPI_ISL_755449, EPI_ISL_755450, EPI_ISL_755451, EPI_ISL_755452, EPI_ISL_755457, EPI_ISL_755458, EPI_ISL_755462, EPI_ISL_755463, EPI_ISL_755465, EPI_ISL_755467, EPI_ISL_755469, EPI_ISL_755470, EPI_ISL_755471, EPI_ISL_755473, EPI_ISL_755474, EPI_ISL_755476, EPI_ISL_755477, EPI_ISL_755478, EPI_ISL_755479, EPI_ISL_755480, EPI_ISL_755481, EPI_ISL_755483, EPI_ISL_755484, EPI_ISL_755485, EPI_ISL_755486, EPI_ISL_755488			
see above	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_755656, EPI_ISL_755658, EPI_ISL_755661, EPI_ISL_755662, EPI_ISL_755663, EPI_ISL_755664, EPI_ISL_755665, EPI_ISL_755666, EPI_ISL_755667, EPI_ISL_755671, EPI_ISL_755675, EPI_ISL_755678, EPI_ISL_755679, EPI_ISL_755683, EPI_ISL_755684, EPI_ISL_755687, EPI_ISL_755688, EPI_ISL_755689, EPI_ISL_755690, EPI_ISL_755691, EPI_ISL_755693, EPI_ISL_755694, EPI_ISL_755695, EPI_ISL_755699, EPI_ISL_755703, EPI_ISL_755706, EPI_ISL_755707, EPI_ISL_755709, EPI_ISL_755711			
see above	Toronto Invasive Bacterial Diseases Network	McMaster University	Allison McGeer, Patryk Aftanas, Hooman Derakhshani, Angel Li, Kuganya Nirmalarajah, Emily Panousis, Ahmed Draia, Jalees Nasir, Michael Surette, Samira Mubareka, Andrew G. McArthur
EPI_ISL_755714, EPI_ISL_755716, EPI_ISL_755717, EPI_ISL_755718, EPI_ISL_755719, EPI_ISL_755720, EPI_ISL_755721, EPI_ISL_755723, EPI_ISL_755724, EPI_ISL_755726, EPI_ISL_755728, EPI_ISL_755733, EPI_ISL_755735			
see above	Toronto Invasive Bacterial Diseases Network	McMaster University	David Richardson, Allison McGeer, Patryk Aftanas, Hooman Derakhshani, Angel Li, Kuganya Nirmalarajah, Emily Panousis, Ahmed Draia, Jalees Nasir, Michael Surette, Samira Mubareka, Andrew G. McArthur
EPI_ISL_755802, EPI_ISL_755805, EPI_ISL_755806, EPI_ISL_755807	Toronto Invasive Bacterial Diseases Network	McMaster University	Allison McGeer, Patryk Aftanas, Hooman Derakhshani, Angel Li, Kuganya Nirmalarajah, Emily Panousis, Ahmed Draia, Jalees Nasir, Michael Surette, Samira Mubareka, Andrew G. McArthur
EPI_ISL_757187, EPI_ISL_757188, EPI_ISL_757190, EPI_ISL_757192, EPI_ISL_757193, EPI_ISL_757196, EPI_ISL_757200, EPI_ISL_757201, EPI_ISL_757202, EPI_ISL_757204, EPI_ISL_757207, EPI_ISL_757208, EPI_ISL_757211, EPI_ISL_757212, EPI_ISL_757213, EPI_ISL_757214, EPI_ISL_757217, EPI_ISL_757218, EPI_ISL_757219, EPI_ISL_757220, EPI_ISL_757223, EPI_ISL_757224, EPI_ISL_757273, EPI_ISL_757274, EPI_ISL_757275, EPI_ISL_757276, EPI_ISL_757278, EPI_ISL_757279, EPI_ISL_757280, EPI_ISL_757281, EPI_ISL_757283, EPI_ISL_757284			
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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_757296, EPI_ISL_757297, EPI_ISL_757298, EPI_ISL_757299, EPI_ISL_757300, EPI_ISL_757301, EPI_ISL_757302, EPI_ISL_757303, EPI_ISL_757305, EPI_ISL_757306, EPI_ISL_757307, EPI_ISL_757308, EPI_ISL_757309, EPI_ISL_757310, EPI_ISL_757311, EPI_ISL_757312, EPI_ISL_757313, EPI_ISL_757314, EPI_ISL_757315, EPI_ISL_757317, EPI_ISL_757318, EPI_ISL_757319, EPI_ISL_757320, EPI_ISL_757321, EPI_ISL_757322, EPI_ISL_757324, EPI_ISL_757325, EPI_ISL_757326, EPI_ISL_757327, EPI_ISL_757328, EPI_ISL_757329, EPI_ISL_757330, EPI_ISL_757331, EPI_ISL_757332, EPI_ISL_757333, EPI_ISL_757334, EPI_ISL_757335, EPI_ISL_757336, EPI_ISL_757337, EPI_ISL_757338, EPI_ISL_757339, EPI_ISL_757340, EPI_ISL_757341			
see above	Department of Virology and Immunology, University of Helsinki and Helsinki University Hospital, Huslab Finland	Department of Virology, Faculty of Medicine, University of Helsinki, Helsinki, Finland	Teemu Smura, Ravi Kant, Phuoc Truong, Hussein Alburkat, Hannimari Kallio-Kokko, Jenni Virtanen, Maija Suvanto, Sari Hannula, Harri Kangas, Pekka Ellonen, Olli Vapalahti
EPI_ISL_757699	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen Lab, Department of Chemistry and Bioscience, Aalborg University, Denmark	Danish Covid-19 Genome Consortium
EPI_ISL_760230, EPI_ISL_760232, EPI_ISL_760233, EPI_ISL_760234, EPI_ISL_760235, EPI_ISL_760236, EPI_ISL_760237, EPI_ISL_760238, EPI_ISL_760239, EPI_ISL_760240, EPI_ISL_760241, EPI_ISL_760242, EPI_ISL_760243, EPI_ISL_760244, EPI_ISL_760245			
see above	Division of Emerging Infectious Diseases, Bureau of Infectious Diseases Diagnosis Control, Korea Disease Control and Prevention Agency	Division of Emerging Infectious Diseases, Bureau of Infectious Diseases Diagnosis Control, Korea Disease Control and Prevention Agency	Ae Kyung Park, Il-Hwan Kim, Heui Man Kim, Jeong-Min Kim, Namjoo Lee, Chaeyoung Lee, Sang Hee Woo, Eun-Jin Kim
EPI_ISL_760490	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_763099, EPI_ISL_763100, EPI_ISL_763101, EPI_ISL_763102, EPI_ISL_763103, EPI_ISL_763111, EPI_ISL_763112, EPI_ISL_763113, EPI_ISL_763114, EPI_ISL_763115, EPI_ISL_763116, EPI_ISL_763118, EPI_ISL_763119, EPI_ISL_763120, EPI_ISL_763121, EPI_ISL_763124, EPI_ISL_763125, EPI_ISL_763163, EPI_ISL_763165, EPI_ISL_763166, EPI_ISL_763167, EPI_ISL_763168, EPI_ISL_763169, EPI_ISL_763170, EPI_ISL_763171, EPI_ISL_763172, EPI_ISL_763235, EPI_ISL_763236, EPI_ISL_763237, EPI_ISL_763275, EPI_ISL_763276, EPI_ISL_763277, EPI_ISL_763305, EPI_ISL_763313			
see above	Dutch COVID-19 response team	Erasmus Medical Center	Bas Oude Munnink, Reina Sikkema, David Nieuwenhuijse, Irina Chestakova, Anne van der Linden, Marjan Boter, Emmanuelle Munger, Corine GeurtsvanKessel, Anнемiek van der Eijk, Richard Molenkamp, Marion Koopmans, on behalf of the Dutch national COVID-19 response team.
EPI_ISL_763342	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton
EPI_ISL_763873, EPI_ISL_764307, EPI_ISL_764309, EPI_ISL_764313, EPI_ISL_764325, EPI_ISL_764326, EPI_ISL_764327	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun, Yasmin Chaudhry, Grant Hall, Iliana Georgana, Myra Hosmillo, Martin D. Curran, Malte Pinckert, Surendra Parmar, Ian Goodfellow
EPI_ISL_764360	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian / School of Biological Sciences, University of Edinburgh / Institute of Genetics and Molecular Medicine, University of Edinburgh	COVID-19 Genomics UK (COG-UK) Consortium	McHugh M, Dewar R, Rooke S, Gallagher M, Balcaza C, O'Toole Á, Scher E, Hill V, McCrone JT, Colquhoun R, Yu X, Jackson B, Rambaut A, Williams TC, Templeton K
EPI_ISL_765217	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_765748, EPI_ISL_765749, EPI_ISL_765780, EPI_ISL_765844, EPI_ISL_765845, EPI_ISL_765846, EPI_ISL_765847, EPI_ISL_765848, EPI_ISL_765849, EPI_ISL_765852, EPI_ISL_765853, EPI_ISL_765854, EPI_ISL_765855, EPI_ISL_765856, EPI_ISL_765857, EPI_ISL_765860, EPI_ISL_765861, EPI_ISL_765864, EPI_ISL_765867, EPI_ISL_765868, EPI_ISL_765871, EPI_ISL_765872, EPI_ISL_765873, EPI_ISL_765874, EPI_ISL_765878, EPI_ISL_765879, EPI_ISL_765880, EPI_ISL_765881, EPI_ISL_765882, EPI_ISL_765886			
see above	Massachusetts General Hospital	Infectious Disease Program, Broad Institute of Harvard and MIT	Lemieux,J.E., Siddie,K.J., Shaw,B., Adams,G., Pierce,V., Turbett,S., Anahtar,M., Branda,J., Slater,D., Harris,J., Lin,A.E., Gladden-Young,A., Lagerborg,K., Rudy,M., DeRuff,K., Carter,A., Normandin,E., Bauer,M., Reilly,S., Tomkins-Tinch,C., Loreth,C., Chaluvasi,S., Neumann,A., Cusick,C., Chapman,S.B., Gnirke,A., Flowers,K., Cerrato,F., Birren,B.W., Gallagher,G., Smole,S., Park,D.J., MacInnis,B.L., Ryan,E., LaRocque,R., Rosenberg,E. and Sabeti,P.C.
EPI_ISL_766277	Respiratory Virus Unit, National Infection Service, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team
EPI_ISL_766571, EPI_ISL_766572, EPI_ISL_766573	ULSS 7 Pedemontana - Distretto 1	Istituto Zooprofilattico Sperimentale delle Venezie	Adelaide Milani, Alessia Schivo, Annalisa Salviato, Erika Giorgia Quaranta, Ambra Pastori, Bianca Zecchin, Alice Fusaro, Isabella Monne, Calogero Terregino, Antonia Ricci
EPI_ISL_766614	unknown	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_766617, EPI_ISL_766618, EPI_ISL_766620, EPI_ISL_766621	Klinisk mikrobiologi	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden

EPI_ISL_766642, EPI_ISL_766643	Vardcentralen Brinken	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden	
EPI_ISL_766645	Barnakuten	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden	
EPI_ISL_766879, EPI_ISL_766880, EPI_ISL_766881	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Bailey Bowcutt, and Wanda Manley	
EPI_ISL_766999, EPI_ISL_767003, EPI_ISL_767006	Delaware Public Health Laboratory	Delaware Public Health Laboratory	Gregory Hovan	
EPI_ISL_767239	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team	
EPI_ISL_767319, EPI_ISL_767320, EPI_ISL_767322, EPI_ISL_767323, EPI_ISL_767324, EPI_ISL_767327, EPI_ISL_767328, EPI_ISL_767329, EPI_ISL_767330, EPI_ISL_767333	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team	
EPI_ISL_768325, EPI_ISL_768326, EPI_ISL_768327, EPI_ISL_768328, EPI_ISL_768329, EPI_ISL_768330, EPI_ISL_768331, EPI_ISL_768332, EPI_ISL_768333, EPI_ISL_768334, EPI_ISL_768335, EPI_ISL_768336, EPI_ISL_768337, EPI_ISL_768338, EPI_ISL_768339, EPI_ISL_768340, EPI_ISL_768341, EPI_ISL_768342, EPI_ISL_768343, EPI_ISL_768344, EPI_ISL_768345, EPI_ISL_768346, EPI_ISL_768347, EPI_ISL_768348, EPI_ISL_768349, EPI_ISL_768350, EPI_ISL_768351, EPI_ISL_768352, EPI_ISL_768353, EPI_ISL_768354, EPI_ISL_768355, EPI_ISL_768356, EPI_ISL_768357, EPI_ISL_768358, EPI_ISL_768359, EPI_ISL_768360	see above	LSUHS Emerging Viral Threat Laboratory	Microbial Genome Sequencing Center	Jeremy P. Kamil, Jennifer L. Carroll, Camille F. Abshire, Maarten Van Diest, Andrew D. Yurochko, Martin J. Sapp, Rona S. Scott, Christopher G. Kevil, Daniel J. Snyder, Vaughn S. Cooper, John A. Vanchiere
EPI_ISL_768522	Synphaet Hospital	National Institute of Health, Department of Medical Sciences, Ministry of Public Health, Thailand	Pilailuk Okada; Siripaporn Phuygun; Sittiporn Parmnen; Ratana Tacharoenmuang; Pakorn Piromtong; Natchaya Khidsang; Thanutsapa Thanadachakul; Warawan Wongboot; sirikanda wimol; Sunthareeya Waicharoen;	
EPI_ISL_768611	Regional medical sciences center 6 Chonburi	National Institute of Health, Department of Medical Sciences, Ministry of Public Health, Thailand	Pilailuk Okada; Siripaporn Phuygun; Sittiporn Parmnen; Ratana Tacharoenmuang; Pakorn Piromtong; Natchaya Khidsang; Thanutsapa Thanadachakul; Warawan Wongboot; sirikanda wimol; Sunthareeya Waicharoen;	
EPI_ISL_769988	Area De Salud San Francisco-San Antonio (Coopesana)	Incienza, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godínez, Melany Calderón & Mariel López	
EPI_ISL_769999	Area De Salud Paraiso-Cervantes	Incienza, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godínez, Melany Calderón & Mariel López	
EPI_ISL_770005	Area De Salud Moravia	Incienza, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godínez, Melany Calderón & Mariel López	
EPI_ISL_770023	Area De Salud San Francisco-San Antonio (Coopesana)	Incienza, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godínez, Melany Calderón & Mariel López	
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EPI_ISL_770551, EPI_ISL_770553, EPI_ISL_770555, EPI_ISL_770557, EPI_ISL_770558, EPI_ISL_770559, EPI_ISL_770560, EPI_ISL_770561, EPI_ISL_770562, EPI_ISL_770563, EPI_ISL_770565, EPI_ISL_770567, EPI_ISL_770568, EPI_ISL_770569, EPI_ISL_770570, EPI_ISL_770575, EPI_ISL_770576, EPI_ISL_770578, EPI_ISL_770579, EPI_ISL_770580, EPI_ISL_770581, EPI_ISL_770585, EPI_ISL_770586, EPI_ISL_770587, EPI_ISL_770591, EPI_ISL_770592, EPI_ISL_770595, EPI_ISL_770596, EPI_ISL_770597, EPI_ISL_770598, EPI_ISL_770599, EPI_ISL_770601, EPI_ISL_770602, EPI_ISL_770603, EPI_ISL_770604, EPI_ISL_770605, EPI_ISL_770606, EPI_ISL_770607, EPI_ISL_770608, EPI_ISL_770609, EPI_ISL_770610, EPI_ISL_770611, EPI_ISL_770612, EPI_ISL_770614, EPI_ISL_770616, EPI_ISL_770618, EPI_ISL_770621, EPI_ISL_770622, EPI_ISL_770623, EPI_ISL_770624, EPI_ISL_770625, EPI_ISL_770627, EPI_ISL_770630	see above	Laboratório de Microbiologia Molecular - Universidade FEEVALE	Bioinformatics Laboratory / LNCC	Felipe Benites, Fernando Rosado Spilki, Alana Witt Hansen, Juliane Deise Fleck, Juliana Schons, Meriane Demoliner, Ana Karolina Eisen Antunes, Fagner Henrique Heldt, Larissa Mallmann, Bruna Hermann, Ana Luiza Ziulkoski, Vctoria Goes, Karoline Schallenberg, Matheus Nunes Weber, Paula Rodrigues de Almeida, Alessandra Pavan Lamarca da Silva, Ronaldo da Silva F Jr , Luiz G P de Almeida, Alexandra L Gerber , Ana Paula de C Guimarães,Ana Tereza R de Vasconcelos
EPI_ISL_770674	WHO National Influenza Centre Russian Federation	WHO National Influenza Centre Russian Federation	Andrey Komissarov, Artem Fadeev, Anna Ivanova, Kseniya Komissarova, Dmitry Bazhenov, Daria Danilenko, Ksenia Safina, Elena Nabieva, Georgii Bazykin, Dmitry Lioznov	
EPI_ISL_770717, EPI_ISL_770718	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, Ashley-Jane Duplessis, Patrick Finzer, Katrin Hoffmann, Torsten Houwaart, Lisanna Hülse, Malte Kohns Vasconcelos, Marek Korencak, Nadine Lübke, Jessica Nicolai, Klaus Pfeffer, Daniel Strelow, Jörg Timm, Andreas Walker, Tobias Wienemann, Rainer Zöfel	
EPI_ISL_770780, EPI_ISL_770781, EPI_ISL_770782	Minnesota Department of Health, Public Health Laboratory	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang	
EPI_ISL_770809, EPI_ISL_770812	Essentia Health-St. Mary's Medical Center	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang	
EPI_ISL_770814	Vault Health	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang	
EPI_ISL_770890, EPI_ISL_770891, EPI_ISL_770893, EPI_ISL_770896, EPI_ISL_770908, EPI_ISL_770910, EPI_ISL_770911, EPI_ISL_770912, EPI_ISL_770913, EPI_ISL_770914, EPI_ISL_770915, EPI_ISL_770916, EPI_ISL_770918, EPI_ISL_770919, EPI_ISL_770920, EPI_ISL_770921, EPI_ISL_770922, EPI_ISL_770923, EPI_ISL_770924, EPI_ISL_770925, EPI_ISL_770926, EPI_ISL_770927, EPI_ISL_770928, EPI_ISL_770929, EPI_ISL_770930, EPI_ISL_770931, EPI_ISL_770938, EPI_ISL_770939, EPI_ISL_770940, EPI_ISL_770942, EPI_ISL_770950, EPI_ISL_770956, EPI_ISL_770957, EPI_ISL_770958, EPI_ISL_770959, EPI_ISL_770960, EPI_ISL_770961, EPI_ISL_770964, EPI_ISL_770965, EPI_ISL_770966, EPI_ISL_770967, EPI_ISL_770968, EPI_ISL_770969, EPI_ISL_770970, EPI_ISL_770973	see above	Laboratoire national de santé, Microbiology, Virology	Laboratoire national de santé, Microbiology, Microbial Genomics Platform	Anke Wienecke-Baldacchino, Catherine Ragimbeau,Jessica Tapp, Fatu Djabi, Lise Pignon, Raoul Salmon, Tamir Abdelrahman
EPI_ISL_771189, EPI_ISL_771191, EPI_ISL_771222, EPI_ISL_771223, EPI_ISL_771247, EPI_ISL_771248, EPI_ISL_771249, EPI_ISL_771250, EPI_ISL_771253, EPI_ISL_771254, EPI_ISL_771255, EPI_ISL_771256, EPI_ISL_771257, EPI_ISL_771258, EPI_ISL_771260, EPI_ISL_771261, EPI_ISL_771262, EPI_ISL_771263, EPI_ISL_771265, EPI_ISL_771266, EPI_ISL_771267, EPI_ISL_771268, EPI_ISL_771269, EPI_ISL_771271, EPI_ISL_771272, EPI_ISL_771273, EPI_ISL_771274, EPI_ISL_771275, EPI_ISL_771276, EPI_ISL_771277, EPI_ISL_771278, EPI_ISL_771279, EPI_ISL_771280, EPI_ISL_771281, EPI_ISL_771282, EPI_ISL_771284, EPI_ISL_771285, EPI_ISL_771287, EPI_ISL_771289, EPI_ISL_771290, EPI_ISL_771291, EPI_ISL_771292, EPI_ISL_771294, EPI_ISL_771295, EPI_ISL_771296, EPI_ISL_771297, EPI_ISL_771298, EPI_ISL_771302, EPI_ISL_771303, EPI_ISL_771304, EPI_ISL_771305, EPI_ISL_771306, EPI_ISL_771308, EPI_ISL_771309, EPI_ISL_771310, EPI_ISL_771311, EPI_ISL_771312, EPI_ISL_771313, EPI_ISL_771315, EPI_ISL_771316, EPI_ISL_771318, EPI_ISL_771319, EPI_ISL_771320, EPI_ISL_771321, EPI_ISL_771322, EPI_ISL_771325, EPI_ISL_771328, EPI_ISL_771329, EPI_ISL_771334, EPI_ISL_771336, EPI_ISL_771339, EPI_ISL_771340, EPI_ISL_771341, EPI_ISL_771343, EPI_ISL_771344, EPI_ISL_771350, EPI_ISL_771351, EPI_ISL_771352, EPI_ISL_771354, EPI_ISL_771357, EPI_ISL_771360	see above	Colorado Department of Public Health and Environment	Colorado Department of Puplic Health and Environment	Laura Bankers, Molly C. Hetherington-Rauth, Diana Ir, Shannon Ely, Shannon R. Matzinger, Sarah Elizabeth Totten, Emily A. Travanty
EPI_ISL_775276	Haukeland University Hospital, Dept. of Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes	
EPI_ISL_775284	Oslo University Hospital, Department of Medical Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes	
EPI_ISL_775285	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, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes	
EPI_ISL_775286, EPI_ISL_775287, EPI_ISL_775288, EPI_ISL_775289, EPI_ISL_775290	Nordland Hospital - Bodo, Laboratory Department, Molecular Biology Unit	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes	
EPI_ISL_775294	Furst Medical Laboratory	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes	
EPI_ISL_775297	Nordland Hospital - Bodo, Laboratory Department, Molecular Biology Unit	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes	







EPI_ISL_802567	Essentia Health-St. Mary's Medical Center	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_802856, EPI_ISL_802857, EPI_ISL_802858	Vilnius University Hospital Santaros Klinikos, Vilnius University	Institute of Biotechnology, Life Sciences Center, Vilnius University	Emilija Vasilunaite, Milda Norkiene, Albertas Timinskas, Alma Gedvilaite, Aurelija Zvirbliene, Daniel Naumovas, Laimonas Griskevicius
EPI_ISL_803100	Respiratory Viruses Branch, Centers for Disease Control and Prevention	Respiratory Viruses Branch, Centers for Disease Control and Prevention	Queen,K., Li,Y., Tao,Y., Uehara,A., Montmayeur,A., Paden,C.R., Cook,P.W., Marine,R., Sheth,M., Wang,H., Lee,J., Tong,S.
EPI_ISL_804226	Respiratory Virus Unit, National Infection Service, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team
EPI_ISL_804582	MEPHI, Aix Marseille University	MEPHI, Aix Marseille University	Anthony LEVASSEUR
EPI_ISL_804791, EPI_ISL_804795, EPI_ISL_804799	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_804855	DC Public Health Lab/ Dept. of Forensic Sciences	DC Public Health Lab/ Dept. of Forensic Sciences	Scott Nguyen, Elizabeth Zelaya, Connie Maza, Monica Mann, Brittany Hamilton, David Payne, Jocelyn Hauser
EPI_ISL_807100, EPI_ISL_807121	Washington State Department of Health	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, 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_812152, EPI_ISL_812153, EPI_ISL_812154, EPI_ISL_812155	GA Department of Public Health Laboratory	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Yan Li, Ying Tao, Anna Montmayeur, Jing Zhang, Brian Lynch, Krista Queen, Anna Uehara, Rachel Marine, Peter Cook, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_812204, EPI_ISL_812205, EPI_ISL_812206, EPI_ISL_812210, EPI_ISL_812211, EPI_ISL_812212, EPI_ISL_812213, EPI_ISL_812214, EPI_ISL_812215, EPI_ISL_812217, EPI_ISL_812218, EPI_ISL_812221, EPI_ISL_812222, EPI_ISL_812223, EPI_ISL_812224, EPI_ISL_812225, EPI_ISL_812228, EPI_ISL_812229, EPI_ISL_812230, EPI_ISL_812231	GA Department of Public Health Laboratory	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Yan Li, Ying Tao, Anna Montmayeur, Jing Zhang, Brian Lynch, Krista Queen, Anna Uehara, Rachel Marine, Peter Cook, Clinton R. Paden, Haibin Wang, Suxiang Tong
see above	TN Division of Laboratory Services	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Yan Li, Ying Tao, Anna Montmayeur, Jing Zhang, Brian Lynch, Krista Queen, Anna Uehara, Rachel Marine, Peter Cook, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_813045, EPI_ISL_813047, EPI_ISL_813050, EPI_ISL_813051, EPI_ISL_813053, EPI_ISL_813054, EPI_ISL_813055, EPI_ISL_813059	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_814571, EPI_ISL_814665, EPI_ISL_814680	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian / School of Biological Sciences, University of Edinburgh / Institute of Genetics and Molecular Medicine, University of Edinburgh	COVID-19 Genomics UK (COG-UK) Consortium	McHugh M, Dewar R, Rooke S, Gallagher M, Balcaza C, O'Toole Á, Scher E, Hill V, McCrone JT, Colquhoun R, Yu X, Jackson B, Rambaut A, Williams TC, Templeton K
EPI_ISL_814771, EPI_ISL_814781, EPI_ISL_814783, EPI_ISL_814794, EPI_ISL_814797	Wales Specialist Virology Centre Sequencing lab: Pathogen Genomics Unit	COVID-19 Genomics UK (COG-UK) Consortium	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 Kucziene-Summerhayes, Sarah Taylor, Sophie Jones, Sara Rey, Matthew Bull, Joanne Watkins, Sally Corden, Tom Connor
EPI_ISL_815525, EPI_ISL_815558, EPI_ISL_815597, EPI_ISL_815598, EPI_ISL_815599, EPI_ISL_815600, EPI_ISL_815654, EPI_ISL_816068, EPI_ISL_816069, EPI_ISL_816070, EPI_ISL_816071, EPI_ISL_816072, EPI_ISL_816073, EPI_ISL_816074, EPI_ISL_816075, EPI_ISL_816076, EPI_ISL_816077, EPI_ISL_816078, EPI_ISL_816079, EPI_ISL_816080, EPI_ISL_816081, EPI_ISL_816082, EPI_ISL_816084, EPI_ISL_816085, EPI_ISL_816086, EPI_ISL_816087, EPI_ISL_816089, EPI_ISL_816090, EPI_ISL_816091, EPI_ISL_816092, EPI_ISL_816093, EPI_ISL_816094, EPI_ISL_816095, EPI_ISL_816096, EPI_ISL_816097, EPI_ISL_816098, EPI_ISL_816100, EPI_ISL_816101, EPI_ISL_816102, EPI_ISL_816103, EPI_ISL_816104, EPI_ISL_816106, EPI_ISL_816107, EPI_ISL_816108, EPI_ISL_816109, EPI_ISL_816110	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen Lab, Department of Chemistry and Bioscience, Aalborg University, Denmark	Danish Covid-19 Genome Consortium
EPI_ISL_819479, EPI_ISL_819493, EPI_ISL_819503, EPI_ISL_819504, EPI_ISL_819521, EPI_ISL_819522	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_823971	OCME Office Of Chief Medical Examiner	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_824000, EPI_ISL_824001, EPI_ISL_824008, EPI_ISL_824012, EPI_ISL_824017, EPI_ISL_824050, EPI_ISL_824126, EPI_ISL_824127, EPI_ISL_824131	Dutch COVID-19 response team	National Institute for Public Health and the Environment (RIVM)	Adam Meijer, Harry Vennema, 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_824393, EPI_ISL_824395	California Department of Public Health	California Department of Public Health	CDPH IDLB COVIDNet
EPI_ISL_824518	New Mexico Department of Health Scientific Laboratory	New Mexico Department of Health Scientific Laboratory	Ellie Johnson, Anastacia Griego-Fisher, D'eldra Malone
EPI_ISL_824659, EPI_ISL_824670, EPI_ISL_824682, EPI_ISL_824694, EPI_ISL_824705, EPI_ISL_824706, EPI_ISL_824717, EPI_ISL_824718, EPI_ISL_824729, EPI_ISL_824740, EPI_ISL_824741	Cedars-Sinai Medical Center, Department of Pathology & Laboratory Medicine, Molecular Pathology Laboratory	Cedars-Sinai Medical Center, Molecular Pathology Laboratory of Department of Pathology & Laboratory Medicine and Genomic Core	Wenjuan Zhang, Brian Davis, Stephanie Chen, Jorge Mario Sincuir Martinez, Jasmine T Plummer, Eric Vail
EPI_ISL_825042	B.J. Medical College and Civil hospital, Ahmedabad	Gujarat Biotechnology Research Centre	Apurvashin Puvar, Ramesh Pandit, Janvi Raval, Zarna Patel, Nitin Savaliya, Dinesh Kumar, Zuber Saiyed, Labdhi Pandya, Afzal Ansari, Nikha Trivedi, Pranay Shah, Kamlesh J Upadhyay, Sanjay Kapadia, Dipa Kinariwala, Chaitanya Joshi, Madhvi Joshi
EPI_ISL_825327, EPI_ISL_825335, EPI_ISL_825358, EPI_ISL_825360, EPI_ISL_825361, EPI_ISL_825362, EPI_ISL_825363, EPI_ISL_825364, EPI_ISL_825365, EPI_ISL_825366, EPI_ISL_825384	Hospital Universitari Vall d'Hebron - Vall d'Hebron Institut de Rercerca	Hospital Universitari Vall d'Hebron	Cristina Andrés, Maria Piñana, Josep F Abril, Damir Garcia-Cehic, Ariadna Rando, Juliàna Esperalba, Maria Gema Codina, Carla Castillo, Maria Carmen Martín, Tomás Pumarola, Josep Quer, Andrés Antón
EPI_ISL_825604	Respiratory Virus Unit, National Infection Service, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team
EPI_ISL_826673, EPI_ISL_826723, EPI_ISL_826879, EPI_ISL_826914, EPI_ISL_826932, EPI_ISL_826995, EPI_ISL_826998, EPI_ISL_827068, EPI_ISL_827152, EPI_ISL_827267	deCODE genetics	deCODE genetics	Daniel F Gudbjartsson; Agnar Helgason; Hakon Jonsson; Olafur T Magnusson; Pall Melsted; Gudmundur L Norddahl; Jona Saemundsdottir; Asgeir Sigurdsson; Patrick Sulem; Arna B Agustsdottir; Hannes Eggertsson; Berglind Eiríksdóttir; Run Fridriksdóttir; Elisabet E Gardarsdóttir; Gudmundur Georgsson; Olafía S Gretarsdóttir; Kjartan R Gudmundsson; Thora R Gunnarsdóttir; Arnaldur Gylfason; Hilma Holm; Brynjar O Jensson; Aslaug Jonasdóttir; Kamilla S Josefsdóttir; Thordur Kristjánsson; Droplaug N Magnúsdóttir; Solvi Rognvaldsson; Louise le Roux; Gudrun Sigmundsdóttir; Gardar Sveinbjörnsson; Kristin E Sveinsdóttir; Maney Sveinsdóttir; Emil A Thorarensen; Bjarni Thorbjörnsson; Gisli Masson; Ingileif Jonsdóttir; Alma Moller; Thorolfur Gudnason; Karl G Kristinnson; Unnur Thorsteinsdóttir; Kari Stefansson
EPI_ISL_827395	The National University Hospital of Iceland	deCODE genetics	Daniel F Gudbjartsson; Agnar Helgason; Hakon Jonsson; Olafur T Magnusson; Pall Melsted; Gudmundur L Norddahl; Jona Saemundsdottir; Asgeir Sigurdsson; Patrick Sulem; Arna B Agustsdottir; Hannes Eggertsson; Berglind Eiríksdóttir; Run Fridriksdóttir; Elisabet E Gardarsdóttir; Gudmundur Georgsson; Olafía S Gretarsdóttir; Kjartan R Gudmundsson; Thora R Gunnarsdóttir; Arnaldur Gylfason; Hilma Holm; Brynjar O Jensson; Aslaug Jonasdóttir; Kamilla S Josefsdóttir; Thordur Kristjánsson; Droplaug N Magnúsdóttir; Solvi Rognvaldsson; Louise le Roux; Gudrun Sigmundsdóttir; Gardar Sveinbjörnsson; Kristin E Sveinsdóttir; Maney Sveinsdóttir; Emil A Thorarensen; Bjarni Thorbjörnsson; Gisli Masson; Ingileif Jonsdóttir; Alma Moller; Thorolfur Gudnason; Karl G Kristinnson; Unnur Thorsteinsdóttir; Kari Stefansson
EPI_ISL_827399, EPI_ISL_827400, EPI_ISL_827402, EPI_ISL_827442, EPI_ISL_827458, EPI_ISL_827826, EPI_ISL_827830, EPI_ISL_827861, EPI_ISL_827894, EPI_ISL_827906, EPI_ISL_827965, EPI_ISL_828026, EPI_ISL_828090, EPI_ISL_828093, EPI_ISL_828097, EPI_ISL_828110, EPI_ISL_828139, EPI_ISL_828148, EPI_ISL_828151, EPI_ISL_828152, EPI_ISL_828173			

see above	deCODE genetics	deCODE genetics	Daniel F Gudbjartsson; Agnar Helgason; Hakon Jonsson; Olafur T Magnusson; Pall Melsted; Gudmundur L Norddahl; Jona Saemundsdottir; Asgeir Sigurdsson; Patrick Sulem; Arna B Agustsdottir; Hannes Eggertsson; Berglind Eiriksdothir; Run Fridriksdottir; Elisabet E Gardarsdottir; Gudmundur Georgsson; Olafia S Gretarsdottir; Kjartan R Gudmundsson; Thora R Gunnarsdottir; Arnaldur Gylfason; Hilma Holm; Brynjar O Jenson; Aslaug Jonasdottir; Kamilla S Josefsdottir; Thordur Kristjansson; Droplaug N Magnusdottir; Solvi Rognvaldsson; Louise le Roux; Gudrun Sigmundsdottir; Gardar Sveinbjornsson; Kristin E Sveinsdottir; Maney Sveinsdottir; Emil A Thorarensen; Bjarni Thorbjornsson; Gisli Masson; Ingileif Jonsdottir; Alma Moller; Thorolfur Gudnason; Karl G Kristinsson; Unnur Thorsteinsdottir; Kari Stefansson
EPI_ISL_828175	The National University Hospital of Iceland	deCODE genetics	Daniel F Gudbjartsson; Agnar Helgason; Hakon Jonsson; Olafur T Magnusson; Pall Melsted; Gudmundur L Norddahl; Jona Saemundsdottir; Asgeir Sigurdsson; Patrick Sulem; Arna B Agustsdottir; Hannes Eggertsson; Berglind Eiriksdothir; Run Fridriksdottir; Elisabet E Gardarsdottir; Gudmundur Georgsson; Olafia S Gretarsdottir; Kjartan R Gudmundsson; Thora R Gunnarsdottir; Arnaldur Gylfason; Hilma Holm; Brynjar O Jenson; Aslaug Jonasdottir; Kamilla S Josefsdottir; Thordur Kristjansson; Droplaug N Magnusdottir; Solvi Rognvaldsson; Louise le Roux; Gudrun Sigmundsdottir; Gardar Sveinbjornsson; Kristin E Sveinsdottir; Maney Sveinsdottir; Emil A Thorarensen; Bjarni Thorbjornsson; Gisli Masson; Ingileif Jonsdottir; Alma Moller; Thorolfur Gudnason; Karl G Kristinsson; Unnur Thorsteinsdottir; Kari Stefansson
EPI_ISL_828179, EPI_ISL_828208, EPI_ISL_828233, EPI_ISL_828249, EPI_ISL_828409, EPI_ISL_828520, EPI_ISL_828920, EPI_ISL_828947, EPI_ISL_828964, EPI_ISL_829052, EPI_ISL_829137, EPI_ISL_829145, EPI_ISL_829150, EPI_ISL_829151, EPI_ISL_829176, EPI_ISL_829177, EPI_ISL_829182, EPI_ISL_829185, EPI_ISL_829198, EPI_ISL_829211, EPI_ISL_829343, EPI_ISL_829344, EPI_ISL_829345, EPI_ISL_829346, EPI_ISL_829347, EPI_ISL_829368, EPI_ISL_829380, EPI_ISL_829390, EPI_ISL_829437, EPI_ISL_829587, EPI_ISL_829588, EPI_ISL_829589, EPI_ISL_829591, EPI_ISL_829684, EPI_ISL_829728, EPI_ISL_829729, EPI_ISL_829730, EPI_ISL_829731, EPI_ISL_829852, EPI_ISL_829853, EPI_ISL_829854			
see above	deCODE genetics	deCODE genetics	Daniel F Gudbjartsson; Agnar Helgason; Hakon Jonsson; Olafur T Magnusson; Pall Melsted; Gudmundur L Norddahl; Jona Saemundsdottir; Asgeir Sigurdsson; Patrick Sulem; Arna B Agustsdottir; Hannes Eggertsson; Berglind Eiriksdothir; Run Fridriksdottir; Elisabet E Gardarsdottir; Gudmundur Georgsson; Olafia S Gretarsdottir; Kjartan R Gudmundsson; Thora R Gunnarsdottir; Arnaldur Gylfason; Hilma Holm; Brynjar O Jenson; Aslaug Jonasdottir; Kamilla S Josefsdottir; Thordur Kristjansson; Droplaug N Magnusdottir; Solvi Rognvaldsson; Louise le Roux; Gudrun Sigmundsdottir; Gardar Sveinbjornsson; Kristin E Sveinsdottir; Maney Sveinsdottir; Emil A Thorarensen; Bjarni Thorbjornsson; Gisli Masson; Ingileif Jonsdottir; Alma Moller; Thorolfur Gudnason; Karl G Kristinsson; Unnur Thorsteinsdottir; Kari Stefansson
EPI_ISL_829860	The National University Hospital of Iceland	deCODE genetics	Daniel F Gudbjartsson; Agnar Helgason; Hakon Jonsson; Olafur T Magnusson; Pall Melsted; Gudmundur L Norddahl; Jona Saemundsdottir; Asgeir Sigurdsson; Patrick Sulem; Arna B Agustsdottir; Hannes Eggertsson; Berglind Eiriksdothir; Run Fridriksdottir; Elisabet E Gardarsdottir; Gudmundur Georgsson; Olafia S Gretarsdottir; Kjartan R Gudmundsson; Thora R Gunnarsdottir; Arnaldur Gylfason; Hilma Holm; Brynjar O Jenson; Aslaug Jonasdottir; Kamilla S Josefsdottir; Thordur Kristjansson; Droplaug N Magnusdottir; Solvi Rognvaldsson; Louise le Roux; Gudrun Sigmundsdottir; Gardar Sveinbjornsson; Kristin E Sveinsdottir; Maney Sveinsdottir; Emil A Thorarensen; Bjarni Thorbjornsson; Gisli Masson; Ingileif Jonsdottir; Alma Moller; Thorolfur Gudnason; Karl G Kristinsson; Unnur Thorsteinsdottir; Kari Stefansson
EPI_ISL_829905, EPI_ISL_829906, EPI_ISL_829908, EPI_ISL_829976, EPI_ISL_829980, EPI_ISL_829983	deCODE genetics	deCODE genetics	Daniel F Gudbjartsson; Agnar Helgason; Hakon Jonsson; Olafur T Magnusson; Pall Melsted; Gudmundur L Norddahl; Jona Saemundsdottir; Asgeir Sigurdsson; Patrick Sulem; Arna B Agustsdottir; Hannes Eggertsson; Berglind Eiriksdothir; Run Fridriksdottir; Elisabet E Gardarsdottir; Gudmundur Georgsson; Olafia S Gretarsdottir; Kjartan R Gudmundsson; Thora R Gunnarsdottir; Arnaldur Gylfason; Hilma Holm; Brynjar O Jenson; Aslaug Jonasdottir; Kamilla S Josefsdottir; Thordur Kristjansson; Droplaug N Magnusdottir; Solvi Rognvaldsson; Louise le Roux; Gudrun Sigmundsdottir; Gardar Sveinbjornsson; Kristin E Sveinsdottir; Maney Sveinsdottir; Emil A Thorarensen; Bjarni Thorbjornsson; Gisli Masson; Ingileif Jonsdottir; Alma Moller; Thorolfur Gudnason; Karl G Kristinsson; Unnur Thorsteinsdottir; Kari Stefansson
EPI_ISL_830102, EPI_ISL_830103	The National University Hospital of Iceland	deCODE genetics	Daniel F Gudbjartsson; Agnar Helgason; Hakon Jonsson; Olafur T Magnusson; Pall Melsted; Gudmundur L Norddahl; Jona Saemundsdottir; Asgeir Sigurdsson; Patrick Sulem; Arna B Agustsdottir; Hannes Eggertsson; Berglind Eiriksdothir; Run Fridriksdottir; Elisabet E Gardarsdottir; Gudmundur Georgsson; Olafia S Gretarsdottir; Kjartan R Gudmundsson; Thora R Gunnarsdottir; Arnaldur Gylfason; Hilma Holm; Brynjar O Jenson; Aslaug Jonasdottir; Kamilla S Josefsdottir; Thordur Kristjansson; Droplaug N Magnusdottir; Solvi Rognvaldsson; Louise le Roux; Gudrun Sigmundsdottir; Gardar Sveinbjornsson; Kristin E Sveinsdottir; Maney Sveinsdottir; Emil A Thorarensen; Bjarni Thorbjornsson; Gisli Masson; Ingileif Jonsdottir; Alma Moller; Thorolfur Gudnason; Karl G Kristinsson; Unnur Thorsteinsdottir; Kari Stefansson
EPI_ISL_830157, EPI_ISL_830160, EPI_ISL_830174, EPI_ISL_830175, EPI_ISL_830197	deCODE genetics	deCODE genetics	Daniel F Gudbjartsson; Agnar Helgason; Hakon Jonsson; Olafur T Magnusson; Pall Melsted; Gudmundur L Norddahl; Jona Saemundsdottir; Asgeir Sigurdsson; Patrick Sulem; Arna B Agustsdottir; Hannes Eggertsson; Berglind Eiriksdothir; Run Fridriksdottir; Elisabet E Gardarsdottir; Gudmundur Georgsson; Olafia S Gretarsdottir; Kjartan R Gudmundsson; Thora R Gunnarsdottir; Arnaldur Gylfason; Hilma Holm; Brynjar O Jenson; Aslaug Jonasdottir; Kamilla S Josefsdottir; Thordur Kristjansson; Droplaug N Magnusdottir; Solvi Rognvaldsson; Louise le Roux; Gudrun Sigmundsdottir; Gardar Sveinbjornsson; Kristin E Sveinsdottir; Maney Sveinsdottir; Emil A Thorarensen; Bjarni Thorbjornsson; Gisli Masson; Ingileif Jonsdottir; Alma Moller; Thorolfur Gudnason; Karl G Kristinsson; Unnur Thorsteinsdottir; Kari Stefansson
EPI_ISL_830235, EPI_ISL_830237	The National University Hospital of Iceland	deCODE genetics	Daniel F Gudbjartsson; Agnar Helgason; Hakon Jonsson; Olafur T Magnusson; Pall Melsted; Gudmundur L Norddahl; Jona Saemundsdottir; Asgeir Sigurdsson; Patrick Sulem; Arna B Agustsdottir; Hannes Eggertsson; Berglind Eiriksdothir; Run Fridriksdottir; Elisabet E Gardarsdottir; Gudmundur Georgsson; Olafia S Gretarsdottir; Kjartan R Gudmundsson; Thora R Gunnarsdottir; Arnaldur Gylfason; Hilma Holm; Brynjar O Jenson; Aslaug Jonasdottir; Kamilla S Josefsdottir; Thordur Kristjansson; Droplaug N Magnusdottir; Solvi Rognvaldsson; Louise le Roux; Gudrun Sigmundsdottir; Gardar Sveinbjornsson; Kristin E Sveinsdottir; Maney Sveinsdottir; Emil A Thorarensen; Bjarni Thorbjornsson; Gisli Masson; Ingileif Jonsdottir; Alma Moller; Thorolfur Gudnason; Karl G Kristinsson; Unnur Thorsteinsdottir; Kari Stefansson
EPI_ISL_831032, EPI_ISL_831202, EPI_ISL_831203, EPI_ISL_831204, EPI_ISL_831205, EPI_ISL_831206, EPI_ISL_831207, EPI_ISL_831208, EPI_ISL_831209, EPI_ISL_831210, EPI_ISL_831211, EPI_ISL_831212, EPI_ISL_831245, EPI_ISL_831246			
see above	Hospital Universitario La Paz (Madrid)	SeqCOVID-SPAIN consortium/IBV(CSIC)	María Rodríguez-Tejedor, Elias Dahdouh, Fernando Lázaro-Perona, Jesús Mingorance and SeqCOVID-SPAIN consortium
EPI_ISL_831753, EPI_ISL_831756, EPI_ISL_831803, EPI_ISL_831804, EPI_ISL_831807, EPI_ISL_831808, EPI_ISL_831809, EPI_ISL_831810, EPI_ISL_831811, EPI_ISL_831823, EPI_ISL_831824, EPI_ISL_831825, EPI_ISL_831826, EPI_ISL_831827, EPI_ISL_831828, EPI_ISL_831829, EPI_ISL_831830, EPI_ISL_831831, EPI_ISL_831832, EPI_ISL_831833, EPI_ISL_831834, EPI_ISL_831835, EPI_ISL_831843, EPI_ISL_831856, EPI_ISL_831858			
see above	United States Air Force School of Aerospace Medicine	United States Air Force School of Aerospace Medicine	Anthony Fries, Jennifer Meyer, William Gruner, Amanda Javorina, Sarah Purves, Clarise Starr, Elizabeth Macias
EPI_ISL_832038	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Bailey Bowcutt, and Wanda Manley
EPI_ISL_832146, EPI_ISL_832147, EPI_ISL_832148, EPI_ISL_832149, EPI_ISL_832150, EPI_ISL_832151, EPI_ISL_832152, EPI_ISL_832153, EPI_ISL_832154, EPI_ISL_832155, EPI_ISL_832156, EPI_ISL_832157, EPI_ISL_832158, EPI_ISL_832159			
see above	Hospital	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, Léa Pilorge
EPI_ISL_833162	Lab LOC - Itapeperica da Serra	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_833163	Instituto Adolfo Lutz - Regional de Marília	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_833458, EPI_ISL_833463, EPI_ISL_833471, EPI_ISL_833475, EPI_ISL_833476, EPI_ISL_833479	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_838055, EPI_ISL_838058, EPI_ISL_838059	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_838282	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian / School of Biological Sciences, University of Edinburgh / Institute of Genetics and Molecular Medicine, University of Edinburgh	COVID-19 Genomics UK (COG-UK) Consortium	McHugh M, Dewar R, Rooke S, Gallagher M, Balcaza C, O'Toole Á, Scher E, Hill V, McCrone JT, Colquhoun R, Yu X, Jackson B, Rambaut A, Williams TC, Templeton K
EPI_ISL_840192, EPI_ISL_840193, EPI_ISL_840195, EPI_ISL_840198, EPI_ISL_840199, EPI_ISL_840204, EPI_ISL_840205, EPI_ISL_840210, EPI_ISL_840214, EPI_ISL_840215, EPI_ISL_840216			
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EPI_ISL_842931, EPI_ISL_842935, EPI_ISL_842941, EPI_ISL_842949, EPI_ISL_842953, EPI_ISL_842966, EPI_ISL_842968, EPI_ISL_842970, EPI_ISL_842975, EPI_ISL_842981, EPI_ISL_842992, EPI_ISL_842993, EPI_ISL_843005, EPI_ISL_843015, EPI_ISL_843017, EPI_ISL_843027, EPI_ISL_843041, EPI_ISL_843043	see above	Barts Health NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_844252, EPI_ISL_844267, EPI_ISL_844288, EPI_ISL_844289, EPI_ISL_844290, EPI_ISL_844291, EPI_ISL_844292, EPI_ISL_844293, EPI_ISL_844294, EPI_ISL_844462, EPI_ISL_844463, EPI_ISL_844464, EPI_ISL_844465, EPI_ISL_844466, EPI_ISL_844467, EPI_ISL_844468, EPI_ISL_844469, EPI_ISL_844470, EPI_ISL_844471, EPI_ISL_844472, EPI_ISL_844473, EPI_ISL_844474, EPI_ISL_844475, EPI_ISL_844476, EPI_ISL_844477, EPI_ISL_844479, EPI_ISL_844480, EPI_ISL_844481, EPI_ISL_844482, EPI_ISL_844483, EPI_ISL_844484, EPI_ISL_844485, EPI_ISL_844486, EPI_ISL_844489, EPI_ISL_844490, EPI_ISL_844491, EPI_ISL_844492, EPI_ISL_844494, EPI_ISL_844495, EPI_ISL_844496, EPI_ISL_844497, EPI_ISL_844498, EPI_ISL_844502, EPI_ISL_844503, EPI_ISL_844504, EPI_ISL_844505, EPI_ISL_844506, EPI_ISL_844507, EPI_ISL_844508, EPI_ISL_844509, EPI_ISL_844511, EPI_ISL_844512, EPI_ISL_844513, EPI_ISL_844514, EPI_ISL_844515, EPI_ISL_844516, EPI_ISL_844517, EPI_ISL_844518, EPI_ISL_844519, EPI_ISL_844520, EPI_ISL_844521, EPI_ISL_844522, EPI_ISL_844524, EPI_ISL_844525, EPI_ISL_844526, EPI_ISL_844527, EPI_ISL_844529, EPI_ISL_844530, EPI_ISL_844531, EPI_ISL_844532, EPI_ISL_844533, EPI_ISL_844534, EPI_ISL_844535, EPI_ISL_844536, EPI_ISL_844537, EPI_ISL_844538, EPI_ISL_844539, EPI_ISL_844540	see above	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen Lab, Department of Chemistry and Bioscience, Aalborg University, Denmark
EPI_ISL_846771	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Danish Covid-19 Genome Consortium
EPI_ISL_847803, EPI_ISL_847808, EPI_ISL_847809, EPI_ISL_847810, EPI_ISL_847815	California Department of Public Health	Chiu Laboratory, University of California, San Francisco	Charles Chiu, Xiangding (Wayne) Deng, Candace Wang, Brian Bushnell, Scot Federman, Jill Hacker, Debra Wadford
EPI_ISL_848439, EPI_ISL_848527, EPI_ISL_848528, EPI_ISL_848529, EPI_ISL_848530, EPI_ISL_848531, EPI_ISL_848532	Illinois Department of Public Health	Gagnon Lab, Southern Illinois University	Keith Gagnon
EPI_ISL_848715, EPI_ISL_848716, EPI_ISL_848727, EPI_ISL_848755, EPI_ISL_848757, EPI_ISL_848772, EPI_ISL_848773, EPI_ISL_848774, EPI_ISL_848782, EPI_ISL_848805, EPI_ISL_848807, EPI_ISL_848809	see above	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton
EPI_ISL_849558	Washington State Department of Health	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, 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_850041, EPI_ISL_850047, EPI_ISL_850068, EPI_ISL_850088, EPI_ISL_850098, EPI_ISL_850100, EPI_ISL_850102, EPI_ISL_850110, EPI_ISL_850114, EPI_ISL_850127, EPI_ISL_850130, EPI_ISL_850176	see above	Renegade	CZB Cliahub Consortium
EPI_ISL_852633, EPI_ISL_852634, EPI_ISL_852635, EPI_ISL_852636, EPI_ISL_852637, EPI_ISL_852638, EPI_ISL_852639, EPI_ISL_852640, EPI_ISL_852641, EPI_ISL_852642, EPI_ISL_852643, EPI_ISL_852644, EPI_ISL_852645, EPI_ISL_852646, EPI_ISL_852647, EPI_ISL_852648, EPI_ISL_852649	see above	Institute of Virology, Medical Center, University of Freiburg, Freiburg, Germany	Jonas Fuchs, Lisa Kern, Sandra Reuter, Hajo Grundmann, Marcus Panning
EPI_ISL_852845, EPI_ISL_852846, EPI_ISL_852847, EPI_ISL_852848, EPI_ISL_852850, EPI_ISL_852856, EPI_ISL_852864, EPI_ISL_852865	Toronto Invasive Bacterial Diseases Network	Ontario Institute for Cancer Research	Allison McGeer, Patryk Aftanas, Angel Li, Kuganya Nirmalarajah, Samira Mubareka, Ilincia Lungu, Lubaina Kothari, Bernard Lam, Paul Krzyzanowski, Michael Laszloffy, Lawrence E. Heisler, Richard de Borja, Jared T. Simpson
EPI_ISL_857496, EPI_ISL_857497, EPI_ISL_857498, EPI_ISL_857499, EPI_ISL_857501, EPI_ISL_857502, EPI_ISL_857503, EPI_ISL_857513	Swiss National Reference Centre for Influenza	Swiss National Reference Centre for Influenza	Ana Rita Goncalves, Samuel Cordey, Laurent Kaiser, Lorenzo Cerutti, Henri Pegeot, Melyssa Elies, Keith Harshman, Ioannis Xenarios, Emmanouil Dermitzakis
EPI_ISL_857520, EPI_ISL_857521, EPI_ISL_857522, EPI_ISL_857523, EPI_ISL_857524, EPI_ISL_857525, EPI_ISL_857526, EPI_ISL_857527, EPI_ISL_857540	Swiss National Reference Centre for Influenza	Swiss National Reference Centre for Influenza	Tim Roloff, Ana Rita Gonçalves, Madlen Stange, Helena MB Seth-Smith, Alfredo Mari, Karoline Leuzinger, Julia Bielicki, Manuel Battegay, Hans Hirsch, Laurent Kaiser, Adrian Egli
EPI_ISL_859554, EPI_ISL_859556, EPI_ISL_859557, EPI_ISL_859558, EPI_ISL_859559, EPI_ISL_859560	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_859846, EPI_ISL_859847, EPI_ISL_859848, EPI_ISL_859849, EPI_ISL_859850, EPI_ISL_859851, EPI_ISL_859853, EPI_ISL_859854, EPI_ISL_859855, EPI_ISL_859856, EPI_ISL_859857, EPI_ISL_859858, EPI_ISL_859859, EPI_ISL_859860, EPI_ISL_859861, EPI_ISL_859862, EPI_ISL_859864, EPI_ISL_859866, EPI_ISL_859867, EPI_ISL_859868, EPI_ISL_859869, EPI_ISL_859870, EPI_ISL_859871, EPI_ISL_859872, EPI_ISL_859873, EPI_ISL_859874, EPI_ISL_859875, EPI_ISL_859876, EPI_ISL_859877, EPI_ISL_859879, EPI_ISL_859880, EPI_ISL_859881, EPI_ISL_859882, EPI_ISL_859883, EPI_ISL_859884, EPI_ISL_859885, EPI_ISL_859886, EPI_ISL_859887, EPI_ISL_859895, EPI_ISL_859896, EPI_ISL_859897, EPI_ISL_859898, EPI_ISL_859899, EPI_ISL_859900, EPI_ISL_859901, EPI_ISL_859902, EPI_ISL_859903, EPI_ISL_859904, EPI_ISL_859905, EPI_ISL_859907, EPI_ISL_859908, EPI_ISL_859909, EPI_ISL_859910, EPI_ISL_859911, EPI_ISL_859912, EPI_ISL_859913, EPI_ISL_859916, EPI_ISL_859917, EPI_ISL_859918, EPI_ISL_859919, EPI_ISL_859920, EPI_ISL_859921, EPI_ISL_859922, EPI_ISL_859923, EPI_ISL_859924, EPI_ISL_859925, EPI_ISL_859926, EPI_ISL_859927, EPI_ISL_859928, EPI_ISL_859929, EPI_ISL_859930, EPI_ISL_859931, EPI_ISL_859932, EPI_ISL_859933, EPI_ISL_859934, EPI_ISL_859935	see above	BTC, Khalifa University	Al Safar et al
EPI_ISL_860123, EPI_ISL_860134, EPI_ISL_860152, EPI_ISL_860153, EPI_ISL_860154, EPI_ISL_860156, EPI_ISL_860161, EPI_ISL_860162, EPI_ISL_860163, EPI_ISL_860164, EPI_ISL_860165, EPI_ISL_860166, EPI_ISL_860167, EPI_ISL_860169, EPI_ISL_860171, EPI_ISL_860173	see above	Keio University School of Medicine	Kenjiro Kosaki, Yuka Iwasaki, Hirotugu Ishizu, Haruhiko Siomi, Kodai Abe
EPI_ISL_860804	WHO/Minsk	Charité Universitätsmedizin Berlin, Institut für Virologie	Victor M Corman, Barbara Mühlemann, Jörn Beheim-Schwarzbach, Talitha Veith, Julia Tesch, Tobias Bleicker, Julia Schneider, Shmialiova Natallia, Sivets Natallia, Terry Jones, Christian Drosten
EPI_ISL_861881, EPI_ISL_861882, EPI_ISL_861883, EPI_ISL_861886, EPI_ISL_861887, EPI_ISL_861888, EPI_ISL_861894, EPI_ISL_861903, EPI_ISL_861904, EPI_ISL_861908, EPI_ISL_861909	see above	LATE - Laboratório de Técnicas Especiais - Hospital Israelita Albert Einstein	Deyvid Amgarten, Fernanda de Mello Malta, Raquel Riyuzo, Ana Paula Moreira Salles, Pedro Henrique Sebe Rodrigues, João Renato Rebelo Pinho
EPI_ISL_862076	National Influenza Center, Virology Department	National Influenza Center	NZ Shafiei Jandaghi, V Salimi, A Nejati, K Sadeghi, J Yavarian, N Ghavvami, F Ajaminejad and T Mokhtari Azad
EPI_ISL_862080	National Influenza Center, Virology Department	National Influenza Center	J Yavarian, NZ Shafiei Jandaghi, V Salimi, A Nejati, K Sadeghi, F Ajaminejad, N Ghavvami and T Mokhtari Azad
EPI_ISL_862081	National Influenza Center, Virology Department	National Influenza Center	NZ Shafiei Jandaghi, V Salimi, A Nejati, K Sadeghi, J Yavarian, F Ajaminejad, N Ghavvami and T Mokhtari Azad
EPI_ISL_866822	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 Eiumogo, 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_868766, EPI_ISL_868781, EPI_ISL_868882, EPI_ISL_868883, EPI_ISL_868885, EPI_ISL_868886, EPI_ISL_868894, EPI_ISL_868895, EPI_ISL_868897, EPI_ISL_868984, EPI_ISL_868986, EPI_ISL_868987, EPI_ISL_868988, EPI_ISL_868999, EPI_ISL_869003, EPI_ISL_869005, EPI_ISL_869006, EPI_ISL_869013	see above	Bioinformatics and Biostatistics Lab, Advanced Sequencing Facility	Aengus Stewart, Jerome Nicod, Chelsea Sawyer, Laura Cubitt, Harshil Patel, Margaret Crawford
EPI_ISL_869263	Krasnoyarsk Regional Clinical Hospital	WHO National Influenza Centre Russian Federation	Andrey Komissarov, Artem Fadeev, Anna Ivanova, Kseniya Komissarova, Dmitry Bazhenov, Mikhail Bakaev, Daria Danilenko, Ksenia Safina, Elena Nabieva, Georgii Bazykin, Dmitry Lioznov



EPI_ISL_889443, EPI_ISL_889542, EPI_ISL_890175, EPI_ISL_890176	Ohio Department of Health Laboratory	Ohio Department of Health Laboratory	Holmes, Jennifer; Eric Brandt, Keoni Omura, Glen McGillivray, Caitlin McDonnell, Jade Mowery, Stephanie Mccracken, Tyler Payne, Kirtana Ramadugu, Erica Leasure, Brent Lee, Kelsey Florek, Heather Blankenship, Quanta Brown, and Tammy Bannerman
EPI_ISL_890301	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_891221, EPI_ISL_891228	University of Medicine and Pharmacy of Craiova	"Stefan cel Mare" University Metagenomics Lab	Lobiuc Andrei, Gheorghita Roxana
EPI_ISL_891229	Suceava County Emergency Hospital	"Stefan cel Mare" University Metagenomics Lab	Lobiuc Andrei, Gheorghita Roxana
EPI_ISL_896107	Viollier AG	University Hospital Basel, Clinical Bacteriology	Tim Roloff, Madlen Stange, Helena MB Seth-Smith, Alfredo Mari, Karoline Leuzinger, Julia Bielicki, Christiane Beckmann, Manuel Battegay, Hans Hirsch, Adrian Egli
EPI_ISL_896186, EPI_ISL_896206	MEPHI, Aix Marseille University	MEPHI, Aix Marseille University	Anthony LEVASSEUR
EPI_ISL_899515	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, Tobias Schär, 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_902768, EPI_ISL_902769, EPI_ISL_902770, EPI_ISL_902771, EPI_ISL_902772, EPI_ISL_902773, EPI_ISL_902774, EPI_ISL_902775, EPI_ISL_902776, EPI_ISL_902777, EPI_ISL_902778, EPI_ISL_902779, EPI_ISL_902780, EPI_ISL_902781, EPI_ISL_902782, EPI_ISL_902783, EPI_ISL_902784, EPI_ISL_902785, EPI_ISL_902786, EPI_ISL_902787, EPI_ISL_902788, EPI_ISL_902789, EPI_ISL_902790, EPI_ISL_902791, EPI_ISL_902792, EPI_ISL_902793, EPI_ISL_902794, EPI_ISL_902795, EPI_ISL_902796, EPI_ISL_902797, EPI_ISL_902798, EPI_ISL_902799, EPI_ISL_902800, EPI_ISL_902801, EPI_ISL_902802, EPI_ISL_902803, EPI_ISL_902804, EPI_ISL_902805, EPI_ISL_902806, EPI_ISL_902807, EPI_ISL_902808, EPI_ISL_902809, EPI_ISL_902810, EPI_ISL_902811, EPI_ISL_902812, EPI_ISL_902813, EPI_ISL_902814, EPI_ISL_902815, EPI_ISL_902816, EPI_ISL_902817, EPI_ISL_902818, EPI_ISL_902819, EPI_ISL_902820, EPI_ISL_902821, EPI_ISL_902822, EPI_ISL_902823, EPI_ISL_902824, EPI_ISL_902825, EPI_ISL_902826, EPI_ISL_902827, EPI_ISL_902828, EPI_ISL_902829, EPI_ISL_902830, EPI_ISL_902831, EPI_ISL_902832, EPI_ISL_902833, EPI_ISL_902835, EPI_ISL_902836, EPI_ISL_902837, EPI_ISL_902838, EPI_ISL_902839, EPI_ISL_902840, EPI_ISL_902841, EPI_ISL_902842, EPI_ISL_902843, EPI_ISL_902844, EPI_ISL_902845, EPI_ISL_902846, EPI_ISL_902847, EPI_ISL_902848, EPI_ISL_902849, EPI_ISL_902850, EPI_ISL_902851, EPI_ISL_902852, EPI_ISL_902853, EPI_ISL_902854, EPI_ISL_902855	Department of Virology and Immunology, University of Helsinki and Helsinki University Hospital, Huslab Finland	Teemu Smura, Ravi Kant, Phuoc Truong, Hussein Alburkat, Hannimari Kallio-Kokko, Jenni Virtanen, Maija Suvanto, Essi Korhonen, Sari Hannula, Harri Kangas, Hanna Liimatainen, Satu Kurkela, Hanna Jarva, Maija Lappalainen, Pekka Elonen, Olli Vapalahti	
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EPI_ISL_902934, EPI_ISL_902949	Maryland Public Health Laboratory	Maryland Public Health Laboratory	
EPI_ISL_903003	Seattle Flu Study	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, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Jay Shendure, Trevor Bedford, Helen Y. Chu
EPI_ISL_903650, EPI_ISL_903718	VT Dept. of Health Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_903820	PA Department of Health, Bureau of Laboratories	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_904005, EPI_ISL_904006	Scientific Veterinary Institute Novi Sad	Veterinary Specialized Institute "Kraljevo", Serbia	Vidanovic,D., Tesovic,B., Knezevic,A., Jovanovic,T., Jankovic,M., Sekler,M., Banovic Djeri,B., Petrovic,T., Volkening,J., Afonso,C.
EPI_ISL_904017	NCSLPH	NCSLPH	Kitty Chase, Michael C Miller, Shermalyn Greene, William Glover
EPI_ISL_904469, EPI_ISL_904471, EPI_ISL_904472, EPI_ISL_904474	Dutch COVID-19 response team	Erasmus Medical Center	Bas Oude Munnink, Reina Sikkema, David Nieuwenhuijse, Irina Chestakova, Anne van der Linden, Marjan Boter, Emmanuelle Munger, Corine GeurtsvanKessel, Annemiek van der Eijk, Richard Molenkamp, Marion Koopmans, on behalf of the Dutch national COVID-19 response team.
EPI_ISL_904735, EPI_ISL_904736, EPI_ISL_904737, EPI_ISL_904738, EPI_ISL_904797, EPI_ISL_904798	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_904935, EPI_ISL_904940, EPI_ISL_904949, EPI_ISL_904950, EPI_ISL_904951, EPI_ISL_904952, EPI_ISL_904953, EPI_ISL_904955	Vilnius University Hospital Santaros Klinikos, Vilnius University	Institute of Biotechnology, Life Sciences Center, Vilnius University	Emilija Vasiliunaite, Milda Norkiene, Albertas Timinskas, Alma Gedvilaite, Aurelija Zvirbliene, Daniel Naumovas, Laimonas Griskevicius
EPI_ISL_905080	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_906263	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_907078, EPI_ISL_907079, EPI_ISL_907080, EPI_ISL_907081, EPI_ISL_907082, EPI_ISL_907083	Biology, MCL	Biology, MCL	Seadawy,M.G., Shamel,M.D., Gad,A.F., Elhoseiny,M.F., Zekri,A.N.
EPI_ISL_910386, EPI_ISL_910387, EPI_ISL_910388, EPI_ISL_910389, EPI_ISL_910458, EPI_ISL_910459, EPI_ISL_910460, EPI_ISL_910461, EPI_ISL_910462, EPI_ISL_910647, EPI_ISL_910700, EPI_ISL_910701, EPI_ISL_910703, EPI_ISL_910705, EPI_ISL_910714, EPI_ISL_910715, EPI_ISL_910716, EPI_ISL_910717, EPI_ISL_910720, EPI_ISL_910775, EPI_ISL_910776, EPI_ISL_911240	see above	see above	Anke Wienecke-Baldacchino, Catherine Ragimbeau, Jessica Tapp, Fatu Djabi, Lise Pignon, Raoul Salmon, Tamir Abdelrahman
see above	Laboratoire national de sante, Microbiology, Virology	Laboratoire national de sante, Microbiology, Microbial Genomics Platform	
EPI_ISL_911677, EPI_ISL_911679, EPI_ISL_911680, EPI_ISL_911683, EPI_ISL_911687, EPI_ISL_911697	Alaska State Virology Laboratory	Alaska State Virology Laboratory	Stephanie DeRonde, Lisa Smith, Ph.D., Jack Chen, Ph.D.
EPI_ISL_911708	Tanjungpura University Hospital	Tanjungpura University Hospital	Puji Astuti; Andriani; Mahyarudin; Delima Fajar Liana; Virhan Novianry ; Sofi Siti Shofiyah
EPI_ISL_911750	Tanjungpura University Hospital	Tanjungpura University Hospital	Virhan Novianry; Delima Fajar Liana; Mahyarudin; Andriani; Sofi Siti Shofiyah; Puji Astuti; Muhammad Kahtan; Ambar Rialita; Eka Ardiani Putri; Wiwik Windarti; Helmi Sastrawan, Rini Andriani
EPI_ISL_913157, EPI_ISL_913160, EPI_ISL_913201, EPI_ISL_913202, EPI_ISL_913203, EPI_ISL_913204, EPI_ISL_913210, EPI_ISL_913211, EPI_ISL_913212, EPI_ISL_913213, EPI_ISL_913214, EPI_ISL_913215, EPI_ISL_913217, EPI_ISL_913218, EPI_ISL_913219, EPI_ISL_913220, EPI_ISL_913221, EPI_ISL_913222, EPI_ISL_913223, EPI_ISL_913224, EPI_ISL_913226, EPI_ISL_913227, EPI_ISL_913228, EPI_ISL_913229, EPI_ISL_913230, EPI_ISL_913231, EPI_ISL_913236, EPI_ISL_913237, EPI_ISL_913239, EPI_ISL_913241, EPI_ISL_913243, EPI_ISL_913247, EPI_ISL_913249, EPI_ISL_913250, EPI_ISL_913252, EPI_ISL_913254, EPI_ISL_913255	see above	see above	Valesano
EPI_ISL_913278, EPI_ISL_913279, EPI_ISL_913285, EPI_ISL_913313	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_913343	Synlab Medilab, 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_913344, EPI_ISL_913345, EPI_ISL_913346, EPI_ISL_913347, EPI_ISL_913354, EPI_ISL_913355, EPI_ISL_913356, EPI_ISL_913461, EPI_ISL_913480	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_913933, EPI_ISL_913934,	Instituto de Diagnostico y Referencia Epidemiologicos	Instituto de Diagnostico y Referencia Epidemiologicos	Claudia Wong-Arambula, Abril Rodriguez-Maldonado, Fabiola Garces-Ayala, Adnan Araiza-Rodriguez, David Frago-so-Fonseca, Sergio Rangel-Guerrero,





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EPI_ISL_933707	Instituto de Diagnostico y Referencia Epidemiologicos INDRE_RNLSP	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Claudia Wong-Arambula, Abril Rodriguez-Maldonado, Fabiola Garces-Ayala, Adnan Araiza-Rodriguez, David Fragoso-Fonseca, Sergio Rangel-Guerrero, Mayra Jimenez-Morales, Nancy Munoz-Hernandez, Natividad Cruz-Ortiz, Tatiana Nunez-Garcia, Gisela Barrera-Badillo, Lucia Hernandez-Rivas, Irma Lopez-Martinez, Ernesto Ramirez-Gonzalez.
EPI_ISL_934337	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_934544	Institut für Virologie am Department für Hygiene, Mikrobiologie und Public Health	Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maëlle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Bergthaler
EPI_ISL_935215	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_935423, EPI_ISL_935424, EPI_ISL_935425, EPI_ISL_935430, EPI_ISL_935431, EPI_ISL_935433, EPI_ISL_935436, EPI_ISL_935438, EPI_ISL_935447, EPI_ISL_935450, EPI_ISL_935451, EPI_ISL_935454, EPI_ISL_935456, EPI_ISL_935457, EPI_ISL_935458, EPI_ISL_935460, EPI_ISL_935461, EPI_ISL_935462, EPI_ISL_935466, EPI_ISL_935467, EPI_ISL_935474			
see above	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton
EPI_ISL_935878, EPI_ISL_935879, EPI_ISL_935880, EPI_ISL_935881, EPI_ISL_935882, EPI_ISL_935883, EPI_ISL_935884, EPI_ISL_935885, EPI_ISL_935886, EPI_ISL_935888, EPI_ISL_935889, EPI_ISL_935893, EPI_ISL_935894, EPI_ISL_935895, EPI_ISL_935898, EPI_ISL_935899, EPI_ISL_935900, EPI_ISL_935901, EPI_ISL_935902, EPI_ISL_935904, EPI_ISL_935907, EPI_ISL_935908, EPI_ISL_935910, EPI_ISL_935911, EPI_ISL_935912, EPI_ISL_935913, EPI_ISL_935915, EPI_ISL_935916, EPI_ISL_935917, EPI_ISL_935919, EPI_ISL_935920, EPI_ISL_935921, EPI_ISL_935922, EPI_ISL_935924, EPI_ISL_935925, EPI_ISL_935926, EPI_ISL_935927, EPI_ISL_935928, EPI_ISL_935929, EPI_ISL_935930, EPI_ISL_935931, EPI_ISL_935932, EPI_ISL_935933, EPI_ISL_935934, EPI_ISL_935935, EPI_ISL_935936, EPI_ISL_935937, EPI_ISL_935938, EPI_ISL_935939, EPI_ISL_935940, EPI_ISL_935941, EPI_ISL_935942, EPI_ISL_935943, EPI_ISL_935944, EPI_ISL_935945, EPI_ISL_935946, EPI_ISL_935947, EPI_ISL_935949, EPI_ISL_935950, EPI_ISL_935951			
see above	Cadham Provincial laboratory	National Microbiology Laboratory (NML)	Anna Majer, Shari Tyson, Grace Seo, Philip Mabon, Elsie Grudeski, Rhiannon Huzarewich, Russell Mandes, Anneliese Landgraff, Jennifer Tanner, Natalie Knox, Morag Graham, Gary Van Domselaar, Paul Van Caeselele, Jared Bullard, David Alexander, Kerry Dust, Nathalie Bastien, Yan Li, Timothy Booth, Darian Hole, Madison Chapel, Kirsten Biggar, CanCOGeN's metadata curation team, Public Health Agency of Canada CanCOGeN team
EPI_ISL_936489	Hospital Raja Perempuan Zainab II	Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia	Suppiah J, Kamel K, Azizan MA, Thayan R
EPI_ISL_936490	Makmal Kesihatan Awam Kota Bharu	Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia	Suppiah J, Kamel K, Azizan MA, Thayan R
EPI_ISL_936617, EPI_ISL_936618, EPI_ISL_936620, EPI_ISL_936622, EPI_ISL_936626, EPI_ISL_936629, EPI_ISL_936630, EPI_ISL_937015	Northwestern Memorial Hospital	Ozer Lab	Ramon Lorenzo-Redondo, Lacy M. Simons, Chad J. Achenbach, Lawrence J. Jennings, Michael G. Ison, Judd F. Hultquist, Egon A. Ozer
EPI_ISL_941275, EPI_ISL_941276, EPI_ISL_941277, EPI_ISL_941278, EPI_ISL_941279	Nigeria Centre for Disease Control (NCDC)	African Centre of Excellence for Genomics of Infectious Diseases (ACEGID), Redeemer's University	Oluniyi P.E. et al
EPI_ISL_941906	Virginia DCLS	Virginia DCLS	Virginia DCLS
EPI_ISL_941930	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton
EPI_ISL_942402, EPI_ISL_942403	Virginia DCLS	Virginia DCLS	Virginia DCLS
EPI_ISL_942456, EPI_ISL_942457, EPI_ISL_942460, EPI_ISL_942461, EPI_ISL_942463, EPI_ISL_942465, EPI_ISL_942468, EPI_ISL_942469, EPI_ISL_942472, EPI_ISL_942473, EPI_ISL_942474, EPI_ISL_942476, EPI_ISL_942477, EPI_ISL_942481			
see above	Gundersen Molecular Diagnostics Laboratory	Kabara Cancer Research Institute	Craig S. Richmond, Paraic A. Kenny
EPI_ISL_942485, EPI_ISL_942490, EPI_ISL_942491, EPI_ISL_942492, EPI_ISL_942493	Gundersen Clinical Microbiology Laboratory	Kabara Cancer Research Institute	Craig S. Richmond, Paraic A. Kenny
EPI_ISL_942495, EPI_ISL_942497, EPI_ISL_942500, EPI_ISL_942501	Gundersen Molecular Diagnostics Laboratory	Kabara Cancer Research Institute	Craig S. Richmond, Paraic A. Kenny
EPI_ISL_942506	Gundersen Clinical Microbiology Laboratory	Kabara Cancer Research Institute	Craig S. Richmond, Paraic A. Kenny
EPI_ISL_942514, EPI_ISL_942518, EPI_ISL_942519, EPI_ISL_942521, EPI_ISL_942522, EPI_ISL_942523, EPI_ISL_942531, EPI_ISL_942533, EPI_ISL_942541, EPI_ISL_942542, EPI_ISL_942543, EPI_ISL_942545, EPI_ISL_942546, EPI_ISL_942548			
see above	Gundersen Molecular Diagnostics Laboratory	Kabara Cancer Research Institute	Craig S. Richmond, Paraic A. Kenny
EPI_ISL_943607, EPI_ISL_943609	Central Laboratory of Public Health of Rio Grande do Sul (Lacen-RS)	State Center for Health Surveillance of the Health Department of the State of Rio Grande do Sul (CEVS/SES-RS)	Aline Campos, Amanda da Silva, Anelise Schaurich, Claudia Dornelles, Cynthia Molina, Fernanda Godinho, Lara Crescente, Leticia Garay, Regina Barcellos, Richard Salvato, Tatiana Gregianini, Vagner Fonseca
EPI_ISL_947265	RS Sari Asih Ciledug	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Frilasita A Yudhaputri, Hidayat Trimarsanto, Iskandar Adnan, Lydia V. Panggalo, Sukma Oktavianthi, Willy Agustine, Edison Johar, Safarina G Malik, Khin Saw Myint, Amin Soebandrio
EPI_ISL_947268	RSU Anggrek Mas	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Frilasita A Yudhaputri, Hidayat Trimarsanto, Iskandar Adnan, Lydia V. Panggalo, Sukma Oktavianthi, Willy Agustine, Edison Johar, Safarina G Malik, Khin Saw Myint, Amin Soebandrio
EPI_ISL_947270	RS Mitra Keluarga Gading Serpong	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Frilasita A Yudhaputri, Hidayat Trimarsanto, Iskandar Adnan, Lydia V. Panggalo, Sukma Oktavianthi, Willy Agustine, Edison Johar, Safarina G Malik, Khin Saw Myint, Amin Soebandrio
EPI_ISL_947273	RSIA Sayyidah	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Frilasita A Yudhaputri, Hidayat Trimarsanto, Iskandar Adnan, Lydia V. Panggalo, Sukma Oktavianthi, Willy Agustine, Edison Johar, Safarina G Malik, Khin Saw Myint, Amin Soebandrio
EPI_ISL_949353, EPI_ISL_949355, EPI_ISL_949364, EPI_ISL_949369, EPI_ISL_949374, EPI_ISL_949377	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_950620, EPI_ISL_950624, EPI_ISL_950627, EPI_ISL_950628, EPI_ISL_950635	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Gemma Clark, Wendy Smith, Manjinder Khakh, Vicki M Fleming, Michelle M Lister, Hannah Howson-Wells, Jonathan Ball, Patrick McClure, Joseph Chappell, Theocharis Tsoleridis, Nadine Holmes, Matthew Carlisle, Christopher Moore, Fei Sang, Johnny Debebe, Victoria Wright, Matthew Loose
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EPI_ISL_955165, EPI_ISL_955166, EPI_ISL_955167, EPI_ISL_955168	Institute for Biocides and Medical Ecology	Institute of microbiology and Immunology, Faculty of Medicine, University of Belgrade	Knezevic,A., Jankovic,M., Vidanovic,D., Milicevic,O., Tesovic,B., Sekler,M., Jovanovic,T.
EPI_ISL_955192, EPI_ISL_955194, EPI_ISL_955195, EPI_ISL_955196, EPI_ISL_955197, EPI_ISL_955199, EPI_ISL_955201, EPI_ISL_955202, EPI_ISL_955203, EPI_ISL_955204, EPI_ISL_955208			
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EPI_ISL_955346, EPI_ISL_955348, EPI_ISL_955351, EPI_ISL_955352			
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EPI_ISL_955632	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciliahub Consortium
EPI_ISL_955939, EPI_ISL_955945, EPI_ISL_955946, EPI_ISL_955947, EPI_ISL_955948, EPI_ISL_955950, EPI_ISL_955954, EPI_ISL_955955, EPI_ISL_955956, EPI_ISL_955957, EPI_ISL_955958, EPI_ISL_955959, EPI_ISL_955960, EPI_ISL_955961, EPI_ISL_955962, EPI_ISL_955963, EPI_ISL_955964, EPI_ISL_955965, EPI_ISL_955966, EPI_ISL_955967, EPI_ISL_955968, EPI_ISL_955969, EPI_ISL_955970, EPI_ISL_955971, EPI_ISL_955976, EPI_ISL_955977, EPI_ISL_955978, EPI_ISL_955979, EPI_ISL_955980, EPI_ISL_959480, EPI_ISL_959481, EPI_ISL_959482, EPI_ISL_959483, EPI_ISL_959484, EPI_ISL_959485, EPI_ISL_959487, EPI_ISL_959490, EPI_ISL_959491, EPI_ISL_959492, EPI_ISL_959493, EPI_ISL_959494, EPI_ISL_959495, EPI_ISL_959496, EPI_ISL_959500, EPI_ISL_959506, EPI_ISL_959508, EPI_ISL_959509, EPI_ISL_959510, EPI_ISL_959511, EPI_ISL_959514, EPI_ISL_959515, EPI_ISL_959516, EPI_ISL_959517, EPI_ISL_959518, EPI_ISL_959519, EPI_ISL_959520, EPI_ISL_959521, EPI_ISL_959522, EPI_ISL_959523, EPI_ISL_959524, EPI_ISL_959525, EPI_ISL_959527, EPI_ISL_959528, EPI_ISL_959529	Division of Emerging Infectious Diseases, Bureau of Infectious Diseases Diagnosis Control, Korea Disease Control and Prevention Agency	Division of Emerging Infectious Diseases, Bureau of Infectious Diseases Diagnosis Control, Korea Disease Control and Prevention Agency	Ae Kyung Park, Il-Hwan Kim, Heui Man Kim, Jeong-Min Kim, Namjoo Lee, Chae Young Lee, Sang Hee Woo, Eun-Jin Kim
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EPI_ISL_991309, EPI_ISL_991310, EPI_ISL_991311, EPI_ISL_991312, EPI_ISL_991313, EPI_ISL_991314, EPI_ISL_991315, EPI_ISL_991320, EPI_ISL_991321, EPI_ISL_991323, EPI_ISL_991325, EPI_ISL_991326, EPI_ISL_991327, EPI_ISL_991328, EPI_ISL_991329, EPI_ISL_991330, EPI_ISL_991331, EPI_ISL_991332, EPI_ISL_991333, EPI_ISL_991334, EPI_ISL_991336, EPI_ISL_991339, EPI_ISL_991340, EPI_ISL_991343, EPI_ISL_991344, EPI_ISL_991345, EPI_ISL_991347, EPI_ISL_991348, EPI_ISL_991349, EPI_ISL_991350	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_994668, EPI_ISL_994674, EPI_ISL_994676, EPI_ISL_994677, EPI_ISL_994678, EPI_ISL_994679, EPI_ISL_994680, EPI_ISL_994682, EPI_ISL_994695, EPI_ISL_994704, EPI_ISL_994711, EPI_ISL_994735, EPI_ISL_994736, EPI_ISL_994737, EPI_ISL_994738	Division of Emerging Infectious Diseases, Bureau of Infectious Diseases Diagnosis Control, Korea Disease Control and Prevention Agency	Division of Emerging Infectious Diseases, Bureau of Infectious Diseases Diagnosis Control, Korea Disease Control and Prevention Agency	Ae Kyung Park, Il-Hwan Kim, Heui Man Kim, Jeong-Min Kim, Namjoo Lee, Chae Young Lee, Sang Hee Woo, Eun-Jin Kim
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EPI_ISL_1001236, EPI_ISL_1001242, EPI_ISL_1001249, EPI_ISL_1001250, EPI_ISL_1001251, EPI_ISL_1001253, EPI_ISL_1001254, EPI_ISL_1001255, EPI_ISL_1001256, EPI_ISL_1001257, EPI_ISL_1001258, EPI_ISL_1001259			
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EPI_ISL_1008433, EPI_ISL_1008435, EPI_ISL_1008437	Klinisk mikrobiologi	The Public Health Agency of Sweden	Anna-Malin Linde, Maria Lind Karlberg, 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_1008562	Klinisk Mikrobiologi	The Public Health Agency of Sweden	Anna-Malin Linde, Maria Lind Karlberg, 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_1008919, EPI_ISL_1008920	IL Department of Public Health Chicago Laboratory	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Krista Queen, Anna Uehara, Peter Cook, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_1008935, EPI_ISL_1008938, EPI_ISL_1008940, EPI_ISL_1008944, EPI_ISL_1008945, EPI_ISL_1008946, EPI_ISL_1008947	Servicio de Microbiología, Laboratori Clínic Metropolitana Nord, Hospital Universitari Germans Trias i Pujol, Institut d'Investigació en Ciències de la Salut Germans Trias i Pujol (IGTP)	SeqCOVID-SPAIN consortium/IBV(CSIC)	Elisa Martró, Antoni E. Bordoy, Anna Not, Adrián Antuori, Anabel Fernández, Nona Romaní, Verónica Saludes, Cristina Casañ and SeqCOVID-SPAIN consortium
EPI_ISL_1010728	Department of Laboratory Medicine, National Taiwan University Hospital	Microbial Genomics Core Lab, National Taiwan University Centers of Genomic and Precision Medicine	Shiou-Hwei Yeh, You-Yu Lin, Ya-Yun Lai, Chiao-Ling Li, Shan-Chwen Chang, Pei-Jer Chen, Sui-Yuan Chang
EPI_ISL_1011512, EPI_ISL_1011528	Massachusetts General Hospital	Infectious Disease Program, Broad Institute of Harvard and MIT	Lemieux,J.E., Siddle,K.J., Shaw,B., Adams,G., Pierce,V., Turbett,S., Anahtar,M., Branda,J., Slater,D., Harris,J., Lin,A.E., Gladden-Young,A., Lagerborg,K., Rudy,M., DeRuff,K., Carter,A., Normandin,E., Bauer,M., Reilly,S., Tomkins-Tinch,C., Loreth,C., Chaluvasi,S., Neumann,A., Cusick,C., Chapman,S.B., Gnirke,A., Flowers,K., Cerrato,F., Birren,B.W., Gallagher,G., Smole,S., Park,D.J., MacInnis,B.L., Ryan,E., LaRoque,R., Rosenberg,E. and Sabeti,P.C.
EPI_ISL_1011741, EPI_ISL_1011744, EPI_ISL_1011746	Rhode Island Department of Health	Infectious Disease Program, Broad Institute of Harvard and MIT	Lemieux,J.E., Siddle,K.J., Huard,R., King,E., Azevedo,K., Miller,A., Adams,G., Gladden-Young,A., Lagerborg,K., Rudy,M., DeRuff,K., Carter,A., Normandin,E., Bauer,M., Reilly,S., Tomkins-Tinch,C., Loreth,C., Chaluvasi,S., Birren,B.W., Gallagher,G., Smole,S., Park,D.J., MacInnis,B.L., and Sabeti,P.C.

EPI_ISL_1013533, EPI_ISL_1013553	1.AO Universitaria 'S. Giovanni di Dio e Ruggi D'Aragona, Scuola Medica Salernitana' Hospital / 2.UOC di Virologia e Microbiologia, Università della Campania 'L. Vanvitelli' / 3.AO Universitaria 'Federico II' Napoli Hospital / 4.AORN 'San Giuseppe Moscati' Avellino Hospital / 5.AO 'San Pio - presidio G. Rummo' Benevento Hospital / 6.AO 'Sant'Anna e San Sebastiano' Caserta Hospital / 7.PO 'Maria Santissima Addolorata' Eboli Hospital / 8.Biogem Istituto di Ricerche Genetiche	1. Genome Research Center for Health (CRGS) / 2. Laboratory of Molecular Medicine and Genomics(LMMGE) / 3. Center for Research in Pure and Applied Mathematics (CRMPA)	Giorgio Giurato, Francesca Rizzo, Alessandro Weisz, Gianluigi Franci, Giovanni Nassa, Pasquale Pagliano, Roberta Tarallo, Elena Alexandrova, Ylenia D'Agostino, Carlo Ferravante, Jessica Lamberti, Viola Melone, Domenico Memoli, Valeria Mirici Cappa, Domenico Palumbo, Giovanni Pecoraro, Assunta Sellitto, Oriana Strianese, Ilaria Terenzi, Giuseppe Fenza, Aniello Gentile, Antonello Saccomanno, Sonia Amabile, Teresa Rocco, Annamaria Salvati, Emilia Vaccaro, Massimiliano Galdiero, Michele Cennamo, Giuseppe Portella, Maria Grazia Foti, Mariarosaria Ingino, Maria Landi, Maurizio Fumi, Vincenzo Rocco, Rita Greco, Vittoria Letizia, Arnolfo Petruzzello, Maddalena Schioppa, Gregorio Goffredi, Francesca Marciano, Michele Caraglia, Alessia Cossu, Marianna Scrima, Edmondo Adorisio, Morena D'Avenia, Michela Iacobellis, Rosanna Pluscio, Giorgio Dirani, Vittorio Sambri, Simona Sempri, Silvia Zanolì, Francesco Curcio, Stefania Marzinotto, Andreina Baj, Fausto Sessa.
EPI_ISL_1014437, EPI_ISL_1014452, EPI_ISL_1014464, EPI_ISL_1014549, EPI_ISL_1014550, EPI_ISL_1014551, EPI_ISL_1014552, EPI_ISL_1014553, EPI_ISL_1014554, EPI_ISL_1014555, EPI_ISL_1014556, EPI_ISL_1014565, EPI_ISL_1014566, EPI_ISL_1014567, EPI_ISL_1014568, EPI_ISL_1014569, EPI_ISL_1014570, EPI_ISL_1014571			
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_1014685	National Influenza Center, Virology Department	National Influenza Center	K Sadeghi, A Nejati, J Yavarian, NZ Shafiei Jandaghi, V Salimi, F Ajaminejad,N Ghavvami and T Mokhtari Azad
EPI_ISL_1014686	National Influenza Center, Virology Department	National Influenza Center	NZ Shafiei Jandaghi, V Salimi, A Nejati, K Sadeghi, J Yavarian, N Ghavvami,F Ajaminejad and T Mokhtari Azad
EPI_ISL_1015205, EPI_ISL_1015206, EPI_ISL_1015208	Department of Virology, Pitié-Salpêtrière hospital	Department of Virology, Pitié-Salpêtrière hospital	Valentin Leducq, Aude Jary, Karen Zafilaza, Stéphane Marot, Vincent Calvez, Anne-Geneviève Marcelin
EPI_ISL_1015363	Kingston Health Sciences Centre and Queen's University	Ontario Institute for Cancer Research	Prameet M. Sheth,Calvin Sjaarda,Robert Colautti,Katya Douchant,Ilinca Lungu,Bernard Lam,Jeremy Johns,Paul Krzyzanowski,Richard de Borja,Felicia Vincelli,Philip Zuzarte,Jared T. Simpson
EPI_ISL_1015379	Biology Lab, HIA STE-ANNE	IRBA, 2MI	GORGE O., NOLENT F., SARILAR V., JANVIER F.
EPI_ISL_1015726	Arizona State Public Health Laboratory	Arizona State Public Health Laboratory	Trung Huynh, Jessica Escobar, Katherine Fullerton, Nobuko Fukushima, Stacy White, Linda Getsinger, Victor Waddell
EPI_ISL_1016405, EPI_ISL_1016406, EPI_ISL_1016410, EPI_ISL_1016411	MEMORIAL SLOAN KETTERING CANCER 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_1016690	University of Sarajevo, Veterinary Faculty, Laboratory for Molecular Diagnostic and Research Laboratory	University of Sarajevo, Veterinary Faculty, Laboratory for Molecular Diagnostic and Research Laboratory	Goletic T., Goletic S., Softic A., Alic-Seho A., Sabic E., Terzic I., Jazic A., Nicevic M., Hodzic A.
EPI_ISL_1016891, EPI_ISL_1016892, EPI_ISL_1016893, EPI_ISL_1016894, EPI_ISL_1016897, EPI_ISL_1016898, EPI_ISL_1016901, EPI_ISL_1016902, EPI_ISL_1016903, EPI_ISL_1016904, EPI_ISL_1016905, EPI_ISL_1016906, EPI_ISL_1016907, EPI_ISL_1016908, EPI_ISL_1016909, EPI_ISL_1016910, EPI_ISL_1016911, EPI_ISL_1016912			
see above	Arizona State Public Health Laboratory	Arizona State Public Health Laboratory	Trung Huynh, Jessica Escobar, Katherine Fullerton, Nobuko Fukushima, Stacy White, Linda Getsinger, Victor Waddell
EPI_ISL_1016963, EPI_ISL_1016965	UNMC Emerging Pathogens Laboratory	UNMC COVID-19 Response Team	UNMC COVID-19 Response Team
EPI_ISL_1017052, EPI_ISL_1017058	Providence St. Joseph Health Orange - Chapman	Providence St. Joseph Health Molecular Genomics Laboratory	Alexa K Dowdell, Brian D Piening, Fred L Robinson, Carlo B Bifulco, Mary Campbell
EPI_ISL_1017059, EPI_ISL_1017060, EPI_ISL_1017061, EPI_ISL_1017062, EPI_ISL_1017063	Providence Saint Joseph Medical Center - Burbank	Providence St. Joseph Health Molecular Genomics Laboratory	Alexa K Dowdell, Brian D Piening, Fred L Robinson, Carlo B Bifulco, Mary Campbell
EPI_ISL_1017075, EPI_ISL_1017076, EPI_ISL_1017077, EPI_ISL_1017078, EPI_ISL_1017079, EPI_ISL_1017080, EPI_ISL_1017081, EPI_ISL_1017082, EPI_ISL_1017083, EPI_ISL_1017084, EPI_ISL_1017085, EPI_ISL_1017086, EPI_ISL_1017087, EPI_ISL_1017088, EPI_ISL_1017089			
see above	Providence St. Joseph Health Orange - Chapman	Providence St. Joseph Health Molecular Genomics Laboratory	Alexa K Dowdell, Brian D Piening, Fred L Robinson, Carlo B Bifulco, Mary Campbell
EPI_ISL_1017090	Providence Oregon Regional Laboratories	Providence St. Joseph Health Molecular Genomics Laboratory	Alexa K Dowdell, Brian D Piening, Fred L Robinson, Carlo B Bifulco, Mary Campbell
EPI_ISL_1017091, EPI_ISL_1017092, EPI_ISL_1017093, EPI_ISL_1017094, EPI_ISL_1017095	Providence St. Joseph Health Orange - Chapman	Providence St. Joseph Health Molecular Genomics Laboratory	Alexa K Dowdell, Brian D Piening, Fred L Robinson, Carlo B Bifulco, Mary Campbell
EPI_ISL_1017096	Providence Oregon Regional Laboratories	Providence St. Joseph Health Molecular Genomics Laboratory	Alexa K Dowdell, Brian D Piening, Fred L Robinson, Carlo B Bifulco, Mary Campbell
EPI_ISL_1017097, EPI_ISL_1017098, EPI_ISL_1017099	Providence Saint Joseph Medical Center - Burbank	Providence St. Joseph Health Molecular Genomics Laboratory	Alexa K Dowdell, Brian D Piening, Fred L Robinson, Carlo B Bifulco, Mary Campbell
EPI_ISL_1017100, EPI_ISL_1017101, EPI_ISL_1017102, EPI_ISL_1017103, EPI_ISL_1017104, EPI_ISL_1017105	Providence Oregon Regional Laboratories	Providence St. Joseph Health Molecular Genomics Laboratory	Alexa K Dowdell, Brian D Piening, Fred L Robinson, Carlo B Bifulco, Mary Campbell
EPI_ISL_1017106	Providence St. Joseph Health Orange - Chapman	Providence St. Joseph Health Molecular Genomics Laboratory	Alexa K Dowdell, Brian D Piening, Fred L Robinson, Carlo B Bifulco, Mary Campbell
EPI_ISL_1017107	Providence Oregon Regional Laboratories	Providence St. Joseph Health Molecular Genomics Laboratory	Alexa K Dowdell, Brian D Piening, Fred L Robinson, Carlo B Bifulco, Mary Campbell
EPI_ISL_1017108, EPI_ISL_1017109, EPI_ISL_1017110, EPI_ISL_1017111	Providence Saint Joseph Medical Center - Burbank	Providence St. Joseph Health Molecular Genomics Laboratory	Alexa K Dowdell, Brian D Piening, Fred L Robinson, Carlo B Bifulco, Mary Campbell
EPI_ISL_1017112, EPI_ISL_1017113, EPI_ISL_1017114, EPI_ISL_1017115	Providence Oregon Regional Laboratories	Providence St. Joseph Health Molecular Genomics Laboratory	Alexa K Dowdell, Brian D Piening, Fred L Robinson, Carlo B Bifulco, Mary Campbell
EPI_ISL_1017116, EPI_ISL_1017117	Providence Saint Joseph Medical Center - Burbank	Providence St. Joseph Health Molecular Genomics Laboratory	Alexa K Dowdell, Brian D Piening, Fred L Robinson, Carlo B Bifulco, Mary Campbell
EPI_ISL_1017118, EPI_ISL_1017119	Providence St. Joseph Health Orange - Chapman	Providence St. Joseph Health Molecular Genomics Laboratory	Alexa K Dowdell, Brian D Piening, Fred L Robinson, Carlo B Bifulco, Mary Campbell
EPI_ISL_1017120, EPI_ISL_1017121, EPI_ISL_1017122, EPI_ISL_1017123, EPI_ISL_1017124, EPI_ISL_1017125	Providence Oregon Regional Laboratories	Providence St. Joseph Health Molecular Genomics Laboratory	Alexa K Dowdell, Brian D Piening, Fred L Robinson, Carlo B Bifulco, Mary Campbell
EPI_ISL_1017126, EPI_ISL_1017127, EPI_ISL_1017128, EPI_ISL_1017129, EPI_ISL_1017130, EPI_ISL_1017131, EPI_ISL_1017132	Providence Saint Joseph Medical Center - Burbank	Providence St. Joseph Health Molecular Genomics Laboratory	Alexa K Dowdell, Brian D Piening, Fred L Robinson, Carlo B Bifulco, Mary Campbell
EPI_ISL_1017133, EPI_ISL_1017134, EPI_ISL_1017135, EPI_ISL_1017136, EPI_ISL_1017137, EPI_ISL_1017138, EPI_ISL_1017139, EPI_ISL_1017140, EPI_ISL_1017141, EPI_ISL_1017142, EPI_ISL_1017143, EPI_ISL_1017144, EPI_ISL_1017145, EPI_ISL_1017146			
see above	Providence St. Joseph Health Orange - Chapman	Providence St. Joseph Health Molecular Genomics Laboratory	Alexa K Dowdell, Brian D Piening, Fred L Robinson, Carlo B Bifulco, Mary Campbell
EPI_ISL_1017147, EPI_ISL_1017148, EPI_ISL_1017149, EPI_ISL_1017150, EPI_ISL_1017151, EPI_ISL_1017152, EPI_ISL_1017153, EPI_ISL_1017154, EPI_ISL_1017155, EPI_ISL_1017156, EPI_ISL_1017157, EPI_ISL_1017158, EPI_ISL_1017159, EPI_ISL_1017160			
see above	Providence Saint Joseph Medical Center - Burbank	Providence St. Joseph Health Molecular Genomics Laboratory	Alexa K Dowdell, Brian D Piening, Fred L Robinson, Carlo B Bifulco, Mary Campbell
EPI_ISL_1017161, EPI_ISL_1017162, EPI_ISL_1017163, EPI_ISL_1017164, EPI_ISL_1017165, EPI_ISL_1017166, EPI_ISL_1017167, EPI_ISL_1017168, EPI_ISL_1017169, EPI_ISL_1017170, EPI_ISL_1017171			
see above	Providence Regional Medical Center Everett	Providence St. Joseph Health Molecular Genomics Laboratory	Alexa K Dowdell, Brian D Piening, Fred L Robinson, Carlo B Bifulco, Mary Campbell
EPI_ISL_1017172	Providence Oregon Regional Laboratories	Providence St. Joseph Health Molecular Genomics Laboratory	Alexa K Dowdell, Brian D Piening, Fred L Robinson, Carlo B Bifulco, Mary Campbell
EPI_ISL_1017506, EPI_ISL_1017522, EPI_ISL_1017526, EPI_ISL_1017527, EPI_ISL_1017530, EPI_ISL_1017539, EPI_ISL_1017544, EPI_ISL_1017549, EPI_ISL_1017556, EPI_ISL_1017558, EPI_ISL_1017560			
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EPI_ISL_1036658 EPI_ISL_1036665, EPI_ISL_1036666, EPI_ISL_1036668, EPI_ISL_1036676, EPI_ISL_1036680	Tyler Radniecki Wyoming Public Health Laboratory	Center for Genome Research and Biocomputing Wyoming Public Health Laboratory	Ghosh, Arifa Akram, A. K. M. Shamsuzzaman, Md. Salim Khan Oregon State University TRACE Project Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Bailey Bowcutt, and Wanda Manley	
EPI_ISL_1036751	National Institute of Laboratory Medicine and Referral Center	Genomic Research Lab, BCSIR	Shahina Akter, Mohammad Samir Uzzaman, Eshrar Osman, Md. Ahashan Habib, Tanjina Akhtar Banu, Abu Sayeed Mohammad Mahmud, Md. Murshed Hasan Sarkar, Barna Goswami, Iffat Jahan, Md. Saddam Hossain, Tasnim Nafisa, Md. Maruf Ahmed Molla, Mahmuda Yeasmin, Asish Kumar Ghosh, Arifa Akram, A. K. M. Shamsuzzaman, Md. Salim Khan	
EPI_ISL_1036752	National Institute of Laboratory Medicine and Referral Center	Genomic Research Lab, BCSIR, Dr. Quadrat-E-Khuda Road, Dhaka 1205, Bangladesh	Tanjina Akhtar Banu, Mohammad Samir Uzzaman, Eshrar Osman, Md. Ahashan Habib, Shahina Akter, Abu Sayeed Mohammad Mahmud, Md. Murshed Hasan Sarkar, Barna Goswami, Iffat Jahan, Md. Saddam Hossain, Tasnim Nafisa, Md. Maruf Ahmed Molla, Mahmuda Yeasmin, Asish Kumar Ghosh, Arifa Akram, A. K. M. Shamsuzzaman, Md. Salim Khan,	
EPI_ISL_1038792	US Air Force School of Aerospace Medicine	US Air Force School of Aerospace Medicine	Anthony Fries, Jennifer Meyer, William Gruner, William Buggele, Amanda Javorina, Sarah Purves, Clarise Starr, Elizabeth Macias	
EPI_ISL_1039009, EPI_ISL_1039010, EPI_ISL_1039011	WHO National Influenza Centre Russian Federation	WHO National Influenza Centre Russian Federation	Andrey Komissarov, Artem Fadeev, Anna Ivanova, Kseniya Komissarova, Dmitry Bazhenov, Tamila Musaeva, Maria Timofeeva, Veronika Eder, Maria Pisareva, Daria Danilenko, Ksenia Safina, Elena Nabieva, Georgii Bazykin, Dmitry Lioznov	
EPI_ISL_1039012, EPI_ISL_1039014, EPI_ISL_1039015, EPI_ISL_1039016, EPI_ISL_1039020, EPI_ISL_1039026, see above	Kamchatka Regional Children's Infectious Diseases Hospital	WHO National Influenza Centre Russian Federation	Andrey Komissarov, Artem Fadeev, Anna Ivanova, Kseniya Komissarova, Dmitry Bazhenov, Tamila Musaeva, Maria Timofeeva, Veronika Eder, Maria Pisareva, Daria Danilenko, Ksenia Safina, Elena Nabieva, Georgii Bazykin, Dmitry Lioznov	
EPI_ISL_1039068	Center of Hygiene and Epidemiology in Belgorod Region	WHO National Influenza Centre Russian Federation	Andrey Komissarov, Artem Fadeev, Lyudmila Berdinskikh, Anna Ivanova, Kseniya Komissarova, Dmitry Bazhenov, Tamila Musaeva, Maria Timofeeva, Veronika Eder, Maria Pisareva, Daria Danilenko, Ksenia Safina, Elena Nabieva, Georgii Bazykin, Dmitry Lioznov	
EPI_ISL_1039126, EPI_ISL_1039128, EPI_ISL_1039129, EPI_ISL_1039130, EPI_ISL_1039131, EPI_ISL_1039133, EPI_ISL_1039136	HELIX LLC	WHO National Influenza Centre Russian Federation	Andrey Komissarov, Artem Fadeev, Anna Ivanova, Kseniya Komissarova, Dmitry Bazhenov, Tamila Musaeva, Maria Timofeeva, Veronika Eder, Maria Pisareva, Daria Danilenko, Ksenia Safina, Elena Nabieva, Georgii Bazykin, Dmitry Lioznov	
EPI_ISL_1039152	Pathogenic Microorganisms Variability Laboratory	WHO National Influenza Centre Russian Federation	Andrey Komissarov, Artem Fadeev, Anna Ivanova, Kseniya Komissarova, Dmitry Bazhenov, Daria Danilenko, Ksenia Safina, Elena Nabieva, Georgii Bazykin, Nadezhda Kuznetsova, Elena Shidlovskaya, Sergey Alkhovsky, Tatyana Vishnevskaya, Elizaveta Divisenko, Alexey Shchetinin, Maria Nikiforova, Andrey Pochtovyy, Evgeny Usachev, Elena Vokalova, Maxim Rubalsky, Oleg Rubalsky, Artem Tkachuk, Vladimir Gushchin, Alexander Gintsburg, Dmitry Lioznov	
EPI_ISL_1039724	Alaska State Virology Laboratory	Alaska State Virology Laboratory	Stephanie DeRonde, Lisa Smith, Ph.D., Jack Chen, Ph.D.	
EPI_ISL_1040484	National Institute of Laboratory Medicine and Referral Center	Genomic Research Lab, BCSIR	Shahina Akter, Mohammad Samir Uzzaman, Eshrar Osman, Md. Ahashan Habib, Tanjina Akhtar Banu, Abu Sayeed Mohammad Mahmud, Md. Murshed Hasan Sarkar, Barna Goswami, Iffat Jahan, Md. Saddam Hossain, Tasnim Nafisa, Md. Maruf Ahmed Molla, Mahmuda Yeasmin, Asish Kumar Ghosh, Arifa Akram, A. K. M. Shamsuzzaman, Md. Salim Khan	
EPI_ISL_1040485	National Institute of Laboratory Medicine and Referral Center	Genomic Research Lab, BCSIR	Md. Saddam Hossain, Mohammad Samir Uzzaman, Eshrar Osman, Md. Ahashan Habib, Shahina Akter, Tanjina Akhtar Banu, Abu Sayeed Mohammad Mahmud, Md. Murshed Hasan Sarkar, Barna Goswami, Iffat Jahan, Tasnim Nafisa, Md. Maruf Ahmed Molla, Mahmuda Yeasmin, Asish Kumar Ghosh, Arifa Akram, A. K. M. Shamsuzzaman, Md. Salim Khan	
EPI_ISL_1040706, EPI_ISL_1040747, EPI_ISL_1040750, EPI_ISL_1040751, EPI_ISL_1040753	Groote Schuur Hospital wc GSH	NHLS/UCT	Arash Iranzadeh, Deelan Doolabh, Lynn Tyers, Bruna Galvao, Innocent Mudau, Marvin Hsiao, Kruger Marais, Diana Hardie, Stephen Korsman, Carolyn Williamson	
EPI_ISL_1040762	Bredasdorp clinic	NHLS/UCT	Arash Iranzadeh, Deelan Doolabh, Lynn Tyers, Bruna Galvao, Innocent Mudau, Marvin Hsiao, Kruger Marais, Diana Hardie, Stephen Korsman, Carolyn Williamson	
EPI_ISL_1040763	Groote Schuur Hospital wc GSH	NHLS/UCT	Arash Iranzadeh, Deelan Doolabh, Lynn Tyers, Bruna Galvao, Innocent Mudau, Marvin Hsiao, Kruger Marais, Diana Hardie, Stephen Korsman, Carolyn Williamson	
EPI_ISL_1047914, EPI_ISL_1047918, EPI_ISL_1047921, EPI_ISL_1047929, EPI_ISL_1047941, EPI_ISL_1047942, EPI_ISL_1047956	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_1048652, EPI_ISL_1048653, EPI_ISL_1048654, EPI_ISL_1048655, EPI_ISL_1048656, EPI_ISL_1048657, EPI_ISL_1048658, EPI_ISL_1048660, EPI_ISL_1048661, EPI_ISL_1048662, EPI_ISL_1048663, EPI_ISL_1048664	see above	Maine HETL	Matluk,N., Dewey,H., Isoue,F., Barter,M., Lynch,R., Munger,H. and Tewhey,R.	
EPI_ISL_1048807, EPI_ISL_1048810, EPI_ISL_1048811, EPI_ISL_1048813	Laboratory of Clinical Microbiology, Virology and Bioemergencies - Fatebenefratelli Sacco Hospital	Virology Laboratory, Scientific Department, Army Medical Center	Valeria Micheli, Alessandro Mancon, Alberto Rizzo, Maria Rita Gismondo, Silvia Fillo, Anella Monte, Anna Anselmo, Vanessa Vera Fain, Giovanni Faggioni, Riccardo De Sanctis, Florigio Lista	
EPI_ISL_1049281, EPI_ISL_1049296, EPI_ISL_1049298, EPI_ISL_1049299, EPI_ISL_1049300, EPI_ISL_1049301, EPI_ISL_1049308, EPI_ISL_1049309, EPI_ISL_1049311, EPI_ISL_1049313, EPI_ISL_1049314, EPI_ISL_1049316, EPI_ISL_1049318, EPI_ISL_1049320, EPI_ISL_1049324, EPI_ISL_1049327, EPI_ISL_1049329, EPI_ISL_1049330, EPI_ISL_1049331, EPI_ISL_1049333, EPI_ISL_1049335, EPI_ISL_1049336	see above	Innovative Genomics Institute, UC Berkeley	Stacia Wyman, Alison Ciling, Netravathi Krishnappa, Haridha Shivram, Phil Frankino, Liana Lareau	
EPI_ISL_1049338, EPI_ISL_1049339	Wadsworth Center, New York State Department of Health	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shuett, Melissa A Leisner, Jonathan Pitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist	
EPI_ISL_1049508, EPI_ISL_1049509, EPI_ISL_1049510	Alaska State Virology Laboratory	Alaska State Virology Laboratory	Stephanie DeRonde, Lisa Smith, Ph.D., Jack Chen, Ph.D.	
EPI_ISL_1051505, EPI_ISL_1051517	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_1055124, EPI_ISL_1055163, EPI_ISL_1055167	National Virus Reference Laboratory	National Virus Reference Laboratory	Guerrino Macori, Gabriel Gonzalez, Michael Carr, Zoe Yandle, Jonathan Dean, Seamus Fanning, Cillian F De Gascun	
EPI_ISL_1055428, EPI_ISL_1055429, EPI_ISL_1055430, EPI_ISL_1055432, EPI_ISL_1055433, EPI_ISL_1055434, EPI_ISL_1055435, EPI_ISL_1055436, EPI_ISL_1055437, EPI_ISL_1055440, EPI_ISL_1055442, EPI_ISL_1055443, EPI_ISL_1055445, EPI_ISL_1055446, EPI_ISL_1055447, EPI_ISL_1055448	see above	Dr. Leonard A. Miller Centre for Health Services	National Microbiology Laboratory (NML)	
EPI_ISL_1055475, EPI_ISL_1055476, EPI_ISL_1055477, EPI_ISL_1055478, EPI_ISL_1055480, EPI_ISL_1055481, EPI_ISL_1055482, EPI_ISL_1055483, EPI_ISL_1055484, EPI_ISL_1055485, EPI_ISL_1055486, EPI_ISL_1055487, EPI_ISL_1055488, EPI_ISL_1055489, EPI_ISL_1055490, EPI_ISL_1055491, EPI_ISL_1055492, EPI_ISL_1055493, EPI_ISL_1055494, EPI_ISL_1055495, EPI_ISL_1055496, EPI_ISL_1055497, EPI_ISL_1055498, EPI_ISL_1055499, EPI_ISL_1055500, EPI_ISL_1055501, EPI_ISL_1055502, EPI_ISL_1055503, EPI_ISL_1055505, EPI_ISL_1055506, EPI_ISL_1055507, EPI_ISL_1055508, EPI_ISL_1055509, EPI_ISL_1055510, EPI_ISL_1055511, EPI_ISL_1055512, EPI_ISL_1055513, EPI_ISL_1055514, EPI_ISL_1055515, EPI_ISL_1055516, EPI_ISL_1055517, EPI_ISL_1055519, EPI_ISL_1055520, EPI_ISL_1055521, EPI_ISL_1055522, EPI_ISL_1055525, EPI_ISL_1055526, EPI_ISL_1055527, EPI_ISL_1055528, EPI_ISL_1055530, EPI_ISL_1055533, EPI_ISL_1055534, EPI_ISL_1055535, EPI_ISL_1055536, EPI_ISL_1055540, EPI_ISL_1055545, EPI_ISL_1055694, EPI_ISL_1055697, EPI_ISL_1055719, EPI_ISL_1055720, EPI_ISL_1055721, EPI_ISL_1055722	see above	QEII Health Sciences Centre	National Microbiology Laboratory (NML)	
see above			Anna Majer, Shari Tyson, Grace Seo, Philip Mabon, Elsie Grudeski, Rhiannon Huzarewich, Russell Mandes, Anneliese Landgraff, Jennifer Tanner, Natalie Knox, Morag Graham, Gary Van Domselaar, Robert Needle, Yang Yu, Adel Malek, Laura Gilbert, George Zahariadis, Nathalie Bastien, Yan Li, Timothy Booth, Darian Hole, Madison Chapel, Kirsten Biggar, Kerri Smith, CanCOGen's metadata curation team, Public Health Agency of Canada CanCOGen team	





see above	Clinical Molecular Microbiology Laboratory, UNC Hospital	Dirk Dittmer	Justin T. Landis , Razia Moorad , Brent A. Eason, Melissa B. Miller, Linda Pluta, Dirk Dittmer, Angelica Juarez, Cecilia Thompson, Shawn Hawken, Cameroon Grant, Evelyn Hoffman, Patricio Cano, Jason Wong, Carolina Caro-Vegas, Ryan McNamara, Blossom Damania.
EPI_ISL_1068108, EPI_ISL_1068109, EPI_ISL_1068113, EPI_ISL_1068115, EPI_ISL_1068142, EPI_ISL_1068143, EPI_ISL_1068144, EPI_ISL_1068145, EPI_ISL_1068146, EPI_ISL_1068147, EPI_ISL_1068152, EPI_ISL_1068153, EPI_ISL_1068155, EPI_ISL_1068161, EPI_ISL_1068196, EPI_ISL_1068223, EPI_ISL_1068255, EPI_ISL_1068257			
see above	Laboratorio de Ecologia de Doencas Transmissíveis na Amazonia, Instituto Leonidas e Maria Deane - Fiocruz Amazonia	Laboratorio de Ecologia de Doencas Transmissíveis na Amazonia, Instituto Leonidas e Maria Deane - Fiocruz Amazonia	Valdinete Nascimento, Victor Souza, André Corado, Fernanda Nascimento, George Silva, Ágatha Costa, Debora Duarte, Karina Pessoa, Matilde Mejia, Luciana Gonçalves, Maria Júlia Brandão, Michele Jesus, Felipe Naveca on behalf of the Fiocruz COVID-19 Genomic Surveillance Network
EPI_ISL_1072965	Department of Microbiology, Faculty of Medicine, Universitas Sumatera Utara	Institute of Tropical Disease, Universitas Airlangga; Faculty of Medicine, Universitas Sumatera Utara	Kazufumi Shimizu, Krisnoadi Rahardjo, Aldise M Nastri, Jezzy R Dewantari, Rima R Prasetya, Inke N D Lubis, R Lia Kusumawati, Muhammad Ichwan, Franciscus Ginting, Meliani, Ramadhan Bestari, Mirzan Hasibuan, Irbah R Nainggolan, R Andika D Cahyadi, Yasuko Mori, Soetjipto, Maria I Lusida
EPI_ISL_1072986	Department of Microbiology, Faculty of Medicine, Universitas Sumatera Utara	Institute of Tropical Disease, Universitas Airlangga; Faculty of Medicine, Universitas Sumatera Utara	Krisnoadi Rahardjo, Aldise M Nastri, Jezzy R Dewantari, Rima R Prasetya, Inke N D Lubis, R Lia Kusumawati, Muhammad Ichwan, Franciscus Ginting, Meliani, Ramadhan Bestari, Mirzan Hasibuan, Irbah R Nainggolan, R Andika D Cahyadi, Yasuko Mori, Soetjipto, Kazufumi Shimizu, Maria I Lusida
EPI_ISL_1072988	National Institute of Laboratory Medicine and Referral Center	Genomic Research Lab, BCSIR	Ifat Jahan, Mohammad Samir Uzzaman, Eshrar Osman, Md. Ahashan Habib, Shahina Akter, Tanjina Akhtar Banu, Abu Sayeed Mohammad Mahmud, Md. Murshed Hasan Sarkar, Barna Goswami, Md. Saddam Hossain, Tasnim Nafisa, Md. Maruf Ahmed Molla, Mahmuda Yeasmin, Asish Kumar Ghosh, Arifa Akram, A. K. M.Shamsuzzaman, Md. Salim Khan
EPI_ISL_1074398, EPI_ISL_1075063, EPI_ISL_1075459, EPI_ISL_1075460, EPI_ISL_1075463, EPI_ISL_1075464, EPI_ISL_1075471, EPI_ISL_1075474, EPI_ISL_1075480, EPI_ISL_1075481, EPI_ISL_1075482, EPI_ISL_1075484, EPI_ISL_1075489, EPI_ISL_1075492, EPI_ISL_1075493, EPI_ISL_1075505, EPI_ISL_1075506, EPI_ISL_1075511, EPI_ISL_1075517, EPI_ISL_1075525, EPI_ISL_1075526, EPI_ISL_1075533, EPI_ISL_1075536, EPI_ISL_1075543, EPI_ISL_1075548, EPI_ISL_1075550, EPI_ISL_1075551, EPI_ISL_1075552, EPI_ISL_1075553, EPI_ISL_1075557, EPI_ISL_1075561, EPI_ISL_1075564, EPI_ISL_1075565, EPI_ISL_1075566, EPI_ISL_1075590, EPI_ISL_1075591, EPI_ISL_1075592, EPI_ISL_1075593, EPI_ISL_1075595, EPI_ISL_1075602, EPI_ISL_1075604, EPI_ISL_1075607, EPI_ISL_1075610, EPI_ISL_1075611, EPI_ISL_1075612, EPI_ISL_1075614, EPI_ISL_1075618, EPI_ISL_1075627, EPI_ISL_1075628, EPI_ISL_1075629, EPI_ISL_1075632, EPI_ISL_1075633, EPI_ISL_1075637, EPI_ISL_1075639, EPI_ISL_1075652, EPI_ISL_1075653			
see above	Houston Methodist Hospital	Houston Methodist Hospital	S. Wesley Long, Randall J. Olsen, Paul A. Christensen, Sishir Subedi, Robert Olson, James J. Davis, Matthew Ojeda Saavedra, Prasanti Yerramilli, Layne Pruitt, Kristina Reppond, Madison N. Shyer, Jessica Cambric, Ilya J. Finkelstein, Jimmy Gollihar, and James M. Musser
EPI_ISL_1075657	Instituto Nacional de Medicina Genomica	Instituto Nacional de Medicina Genomica	Hidalgo-Miranda A, Mendoza-Vargas A, Reyes-Grajeda JP, Cedro-Tanda A, Alcaraz N, Gonzalez-Barrera D, Rangel-DeLeon D, Ramirez-Vega O, Sifuentes-Rojas C, Cisneros-Villanueva M, Herrera-Montalvo LA.
EPI_ISL_1075658, EPI_ISL_1075659, EPI_ISL_1075660, EPI_ISL_1075661, EPI_ISL_1075662, EPI_ISL_1075663, EPI_ISL_1075667, EPI_ISL_1075668, EPI_ISL_1075672, EPI_ISL_1075675, EPI_ISL_1075676, EPI_ISL_1075678, EPI_ISL_1075679, EPI_ISL_1075681, EPI_ISL_1075683, EPI_ISL_1075684, EPI_ISL_1075685, EPI_ISL_1075687, EPI_ISL_1075692, EPI_ISL_1075701, EPI_ISL_1075706, EPI_ISL_1075707, EPI_ISL_1075708, EPI_ISL_1075709, EPI_ISL_1075710, EPI_ISL_1075713, EPI_ISL_1075719, EPI_ISL_1075721, EPI_ISL_1075723, EPI_ISL_1075727, EPI_ISL_1075730, EPI_ISL_1075731, EPI_ISL_1075745, EPI_ISL_1075746, EPI_ISL_1075750, EPI_ISL_1075751, EPI_ISL_1075753, EPI_ISL_1075756, EPI_ISL_1075758, EPI_ISL_1075761, EPI_ISL_1075765, EPI_ISL_1075766, EPI_ISL_1075767, EPI_ISL_1075768, EPI_ISL_1075769, EPI_ISL_1075773, EPI_ISL_1075774, EPI_ISL_1075776, EPI_ISL_1075778, EPI_ISL_1075783, EPI_ISL_1075787, EPI_ISL_1075788, EPI_ISL_1075790, EPI_ISL_1075793, EPI_ISL_1075794, EPI_ISL_1075795, EPI_ISL_1075804, EPI_ISL_1075805, EPI_ISL_1075811, EPI_ISL_1075812, EPI_ISL_1075813, EPI_ISL_1075814, EPI_ISL_1075816, EPI_ISL_1075825, EPI_ISL_1075826, EPI_ISL_1075830, EPI_ISL_1075834, EPI_ISL_1075836, EPI_ISL_1075837, EPI_ISL_1075839, EPI_ISL_1075840, EPI_ISL_1075841, EPI_ISL_1075844, EPI_ISL_1075805, EPI_ISL_1077080, EPI_ISL_1077084, EPI_ISL_1077091, EPI_ISL_1077092, EPI_ISL_1077093, EPI_ISL_1077095, EPI_ISL_1077101, EPI_ISL_1077105, EPI_ISL_1077109, EPI_ISL_1077114, EPI_ISL_1077118, EPI_ISL_1077124, EPI_ISL_1077135, EPI_ISL_1077137, EPI_ISL_1077142, EPI_ISL_1077143, EPI_ISL_1077144, EPI_ISL_1077146, EPI_ISL_1077147, EPI_ISL_1077149, EPI_ISL_1077150, EPI_ISL_1077153, EPI_ISL_1077156, EPI_ISL_1077165, EPI_ISL_1077166, EPI_ISL_1077170, EPI_ISL_1077175, EPI_ISL_1077177, EPI_ISL_1077178, EPI_ISL_1077179, EPI_ISL_1077180, EPI_ISL_1077184, EPI_ISL_1077186, EPI_ISL_1077189, EPI_ISL_1077190, EPI_ISL_1077192, EPI_ISL_1077195, EPI_ISL_1077196, EPI_ISL_1077199, EPI_ISL_1077201, EPI_ISL_1077202, EPI_ISL_1077203, EPI_ISL_1077205, EPI_ISL_1077207, EPI_ISL_1077209, EPI_ISL_1077210, EPI_ISL_1077211, EPI_ISL_1077216, EPI_ISL_1077217, EPI_ISL_1077221, EPI_ISL_1077223, EPI_ISL_1077224, EPI_ISL_1077225, EPI_ISL_1077230, EPI_ISL_1077231, EPI_ISL_1077235, EPI_ISL_1077238, EPI_ISL_1077240, EPI_ISL_1077244, EPI_ISL_1077246, EPI_ISL_1077250, EPI_ISL_1077254, EPI_ISL_1077255, EPI_ISL_1077256, EPI_ISL_1077257, EPI_ISL_1077258, EPI_ISL_1077259, EPI_ISL_1077262, EPI_ISL_1077263, EPI_ISL_1077264, EPI_ISL_1077265, EPI_ISL_1077267, EPI_ISL_1077285, EPI_ISL_1077269, EPI_ISL_1077270, EPI_ISL_1077275, EPI_ISL_1077290, EPI_ISL_1077297, EPI_ISL_1077306, EPI_ISL_1077311, EPI_ISL_1077315, EPI_ISL_1077319, EPI_ISL_1077323, EPI_ISL_1077333, EPI_ISL_1077339, EPI_ISL_1077340, EPI_ISL_1077342, EPI_ISL_1077343, EPI_ISL_1077344, EPI_ISL_1077358, EPI_ISL_1077360, EPI_ISL_1077369, EPI_ISL_1077376, EPI_ISL_1077378, EPI_ISL_1077381, EPI_ISL_1077385, EPI_ISL_1077396, EPI_ISL_1077401, EPI_ISL_1077403, EPI_ISL_1077419, EPI_ISL_1077421, EPI_ISL_1077428, EPI_ISL_1077440, EPI_ISL_1077442, EPI_ISL_1077447, EPI_ISL_1077455, EPI_ISL_1077463			
see above	Houston Methodist Hospital	Houston Methodist Hospital	S. Wesley Long, Randall J. Olsen, Paul A. Christensen, Sishir Subedi, Robert Olson, James J. Davis, Matthew Ojeda Saavedra, Prasanti Yerramilli, Layne Pruitt, Kristina Reppond, Madison N. Shyer, Jessica Cambric, Ilya J. Finkelstein, Jimmy Gollihar, and James M. Musser
EPI_ISL_1081151	Baylor Scott & White-Temple	Baylor Scott & White-Temple	Ari Rao, Linden Morales, Kimberly Walker, Marcus Volz, Shelby Hendrickson
EPI_ISL_1081170	IEH Laboratories & Consulting Group	ID Genomics	Veronika Tchesnokova, Kirith Kutumbaka, Kai Deng, Hemantha Kulakesara, Lydia Larson, Hao Geng, Curtis Fowler, Mansour Samadpour, Evgeni Sokurenko
EPI_ISL_1081185, EPI_ISL_1081187, EPI_ISL_1081188	Baylor Scott & White-Temple	Baylor Scott & White-Temple	Ari Rao, Linden Morales, Kimberly Walker, Marcus Volz, Shelby Hendrickson
EPI_ISL_1081201	Laboratory Corporation of America	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, Eileen de Feo, Jan Antico, Christine Tran, Matthew Tolentino, Shannon Wickline, Kim Gietzen, Brad Sickler, Jingtao Liu, Eric Allen, Phil Febbo, Summer Galloway, Nicole L. Washington, Simon White, Geraint Levan, Kelly Schiabor Barrett, Elizabeth Cirulli, Alexandre Bolze, Ary Ascencio, Charlotte Rivera-Garcia, Ryan Cho, Jason Nguyen, Sherry Wang, Jimmy Ramirez, Tyler Cassens, Efrén Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Xuxiang Tong, Duncan MacCannell
EPI_ISL_1081424, EPI_ISL_1081425, EPI_ISL_1081426, EPI_ISL_1081429, EPI_ISL_1081431, EPI_ISL_1081435, EPI_ISL_1081436, EPI_ISL_1081437, EPI_ISL_1081439, EPI_ISL_1081441, EPI_ISL_1081444, EPI_ISL_1081451, EPI_ISL_1081453, EPI_ISL_1081454			
see above	Genomica Lab Molecular, M@xico	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Jonathan Gonzalez Garcia, Jose Roman Chavez Mendez, Jose Horacio Reyna Verdugo, Martin Gonzalez Ibarra, Luis Alberto Rangel Gonzalez
EPI_ISL_1081457, EPI_ISL_1081458	San Diego County Public Health Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Tracy Basler, Jovan Shephard, Brett Austin
EPI_ISL_1081476, EPI_ISL_1081477, EPI_ISL_1081478, EPI_ISL_1081479, EPI_ISL_1081480, EPI_ISL_1081481, EPI_ISL_1081482, EPI_ISL_1081483, EPI_ISL_1081484, EPI_ISL_1081489	Genomica Lab Molecular, M@xico	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Jonathan Gonzalez Garcia, Jose Roman Chavez Mendez, Jose Horacio Reyna Verdugo, Martin Gonzalez Ibarra, Luis Alberto Rangel Gonzalez
EPI_ISL_1081954	"Stefan S. Nicolau" Institute of Virology	"Stefan S. Nicolau" Institute of Virology	Anca Botezatu, Iulia Virginia Iancu, Coralia Bleotu, Mihaela Economescu, Laura Necula, Denisa Dragu, Lilia Matei, Ioana Pitica, Marinela Bostan, Mirela Mihaila, Laura Grecu, Camelia Sultana, Simona Ruta, Ana Iulia Neagu, Adriana Plesa, Saviana Nedeianu, Alina Nastasie, Cristina Mambet, Gabriela Anton, Carmen Cristina Diaconu.
EPI_ISL_1081958, EPI_ISL_1082290, EPI_ISL_1082291, EPI_ISL_1082294	"Stefan S. Nicolau" Institute of Virology	"Stefan S. Nicolau" Institute of Virology	Anca Botezatu, Iulia Virginia Iancu, Coralia Bleotu, Mihaela Economescu, Laura Necula, Denisa Dragu, Lilia Matei, Ioana Pitica, Marinela Bostan, Mirela Mihaila, Laura Grecu, Camelia Sultana, Simona Ruta, Ana Iulia Neagu, Adriana Plesa, Saviana Nedeianu, Alina Nastasie, Cristina Mambet, Gabriela Anton, Carmen Cristina Diaconu
EPI_ISL_1082296	"Stefan S. Nicolau" Institute of Virology	285 Mihai Bravu Ave, Bucharest, Romania	Anca Botezatu, Iulia Virginia Iancu, Coralia Bleotu, Mihaela Economescu, Laura Necula, Denisa Dragu, Lilia Matei, Ioana Pitica, Marinela Bostan, Mirela Mihaila, Laura Grecu, Camelia Sultana, Simona Ruta, Ana Iulia Neagu, Adriana Plesa, Saviana Nedeianu, Alina Nastasie, Cristina Mambet, Gabriela Anton, Carmen Cristina Diaconu
EPI_ISL_1082299, EPI_ISL_1082300, EPI_ISL_1082301, EPI_ISL_1082302, EPI_ISL_1082306, EPI_ISL_1082307, EPI_ISL_1082309, EPI_ISL_1082311, EPI_ISL_1082314, EPI_ISL_1082315	Laboratory of Virology of Federal Budget Health Care Institution "Center of Hygiene and Epidemiology in Arkhangelsk region"	Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemiology	Samoilov AE, Kaptelova VV, Korneenko EV, Valdokhina AV, Bulanenko VP, Saenko SS, Semyina LV, Ponomareva YA, Shishko LA, Cherkashina AS, Golubeva AG, Speranskaya AS, Tivanova EV, Kondrasheva LV, Akimkin VG
EPI_ISL_1085534, EPI_ISL_1085674	Hôpital Henri Mondor	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlitsky
EPI_ISL_1086375, EPI_ISL_1086376	LACEN - Laboratório Central de Saúde Pública do Rio Grande do Norte	Evandro Chagas Institute	Santos, M.C.; Silva, A.M.; Junior, W.D.C.; Barbagelata, L.S.; Ferreira, J.A.; Sousa, E.M.A.; da Silva, P.S.; Pinheiro, K.C.; L.C.; Sousa Junior, E.C.
EPI_ISL_1086377	LACEN - Laboratório Central de Saúde Pública do Paraíba	Evandro Chagas Institute	Santos, M.C.; Silva, A.M.; Junior, W.D.C.; Barbagelata, L.S.; Ferreira, J.A.; Sousa, E.M.A.; da Silva, P.S.; Pinheiro, K.C.; L.C.; Sousa Junior, E.C.
EPI_ISL_1092124, EPI_ISL_1092256, EPI_ISL_1092258, EPI_ISL_1092279, EPI_ISL_1092286, EPI_ISL_1092290, EPI_ISL_1092291, EPI_ISL_1092293, EPI_ISL_1092294, EPI_ISL_1092297, EPI_ISL_1092304, EPI_ISL_1092321			



EPI_ISL_1110492, EPI_ISL_1110493, EPI_ISL_1110494			
EPI_ISL_1110844	Virginia Division of Consolidated Laboratory Services	Virginia Division of Consolidated Laboratory Services	Virginia DCLS
EPI_ISL_1111133, EPI_ISL_1111134, EPI_ISL_1111135, EPI_ISL_1111137, EPI_ISL_1111143, EPI_ISL_1111144, EPI_ISL_1111146, EPI_ISL_1111148, EPI_ISL_1111149, EPI_ISL_1111150, EPI_ISL_1111151, EPI_ISL_1111152, EPI_ISL_1111154, EPI_ISL_1111155, EPI_ISL_1111158, EPI_ISL_1111314, EPI_ISL_1111315, EPI_ISL_1111463, EPI_ISL_1111464, EPI_ISL_1111467, EPI_ISL_1111476, EPI_ISL_1111480, EPI_ISL_1111482, EPI_ISL_1111483, EPI_ISL_1111495, EPI_ISL_1111502			
see above	Laboratorio de Referencia Nacional de Virus Respiratorio. Instituto Nacional de Salud Perú	Laboratorio de Referencia Nacional de Enteropatógenos. Instituto Nacional de Salud del Perú	Ronnie Gavilan Chavez, Junior Caro Castro, Willi Quino Sifuentes, Veronica Hurtado Vela, Iris Silva Molina, Fiorella Orellana Peralta
EPI_ISL_1111508, EPI_ISL_1111580, EPI_ISL_1111584, EPI_ISL_1111588, EPI_ISL_1111590, EPI_ISL_1111591, EPI_ISL_1111592, EPI_ISL_1111596, EPI_ISL_1111597, EPI_ISL_1111598, EPI_ISL_1111600, EPI_ISL_1111601, EPI_ISL_1111605			
see above	Virginia Division of Consolidated Laboratory Services	Virginia Division of Consolidated Laboratory Services	Virginia DCLS
EPI_ISL_1112753	Public Health Center of Ukraine	Charite Universitätsmedizin Berlin, Institute of Virology	Victor M Corman, Barbara Mühlemann, Jörn Beheim-Schwarzbach, Talitha Veith, Julia Schneider, Terry Jones, Roman Rodyna, Ihor Kuzin, Liudmyla Chernenko, Iryna Demchyshyna, Christian Drosten
EPI_ISL_1114406	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Jim Mildenberger, Wanda Manley, Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Chayse Rowley, Marley Goetz, Brian Dominguez, Elliot Thomasson, Cari Sloma, and Rob Christensen
EPI_ISL_1115111	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_1117376	Beijing Center for Disease Prevention and Control	Beijing Center for Disease Prevention and Control	Yang Pan, Shujuan Cui, Fu Li, Zhaomin Feng, Bing Lyu, Zhichao Liang, Lijuan Chen, Daitao Zhang, Quanyi Wang
EPI_ISL_1117377	Beijing Center for Disease Prevention and Control	Beijing Center for Disease Prevention and Control	Yang Pan, Fu Li, Zhaomin Feng, Shujuan Cui, Bing Lyu, Zhichao Liang, Lijuan Chen, Daitao Zhang, Quanyi Wang
EPI_ISL_1117378	Beijing Center for Disease Prevention and Control	Beijing Center for Disease Prevention and Control	Yang Pan, Zhaomin Feng, Fu Li, Shujuan Cui, Bing Lyu, Zhichao Liang, Lijuan Chen, Daitao Zhang, Quanyi Wang
EPI_ISL_1118117, EPI_ISL_1118118, EPI_ISL_1118119, EPI_ISL_1118120, EPI_ISL_1118121	Dept. of Microbiology and Infection Control, Akershus University Hospital HF	Dept. of Microbiology and Infection Control, Akershus University Hospital HF	Hege Vangstein Aamot, Alexander Hesselberg Lovestad
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EPI_ISL_1118463, EPI_ISL_1118464	Department of Medical Microbiology, St. Olavs hospital	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118467	Akershus University Hospital, Department for Microbiology and Infectious Disease Control	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1120580, EPI_ISL_1120584	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_1120823, EPI_ISL_1120828, EPI_ISL_1120829, EPI_ISL_1120830	ICH-SION	Laboratory of genomics and metagenomics, Institute of Microbiology, University Hospital Centre and University of Lausanne, Switzerland	Trestan Pillonel, Damien Jacot, Sébastien Aeby, Gilbert Greub, Claire Bertelli
EPI_ISL_1120945, EPI_ISL_1120946, EPI_ISL_1120948, EPI_ISL_1120949, EPI_ISL_1120950, EPI_ISL_1120955, EPI_ISL_1120956, EPI_ISL_1120957	Hospital Universitario 12 de Octubre	SeqCOVID-SPAIN consortium/IBV(CSIC)	Esther Viedma, Raúl Recio, Irene Muñoz-Gallego, Jennifer Villa, Rafael Delgado, Mª Dolores Folgueira and SeqCOVID-SPAIN consortium/consortium
EPI_ISL_1122059	OHSU Lab Services Molecular Microbiology Lab	Oregon SARS-CoV-2 Genome Sequencing Center	Brendan L. O'Connell, Sally Grindstaff, Kayla Carter, Ruth V. Nichols, Alec J. Hirsch, Donna Hansel, Guang Fan, Xuan, Qin, Daniel N. Streblow, William B. Messer, Andrew C. Adey, Benjamin N. Bimber, Brian J. O'Roak
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EPI_ISL_1123291, EPI_ISL_1123292	University of Chittagong	Central Biological Research Laboratory and Department of Biochemistry and Molecular Biology	Robiul Hasan Bhuiyan, Md. Imranul Hoq, Md. Khondakar Raziur Rahman, Imam Hossen, Sajib Rudra, Md. Arif Hossain, Shanta Paul, Md. Omer Faruq, H. M. Abdullah Al Masud, Mohammad Omar Faruque
EPI_ISL_1123432, EPI_ISL_1123433	Pathogen Genomics Center, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_1123437	Gunma Prefectural Institute of Public Health and Environmental Sciences	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_1123459, EPI_ISL_1123460, EPI_ISL_1123465, EPI_ISL_1123466, EPI_ISL_1123488, EPI_ISL_1123489, EPI_ISL_1123490, EPI_ISL_1123491, EPI_ISL_1123492, EPI_ISL_1123493, EPI_ISL_1123494, EPI_ISL_1123496, EPI_ISL_1123498, EPI_ISL_1123501, EPI_ISL_1123502, EPI_ISL_1123504, EPI_ISL_1123506	Pathogen Genomics Center, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
see above	Pathogen Genomics Center, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_1123525, EPI_ISL_1123527, EPI_ISL_1123529, EPI_ISL_1123531, EPI_ISL_1123532, EPI_ISL_1123534, EPI_ISL_1123536, EPI_ISL_1123538, EPI_ISL_1123540, EPI_ISL_1123541, EPI_ISL_1123543, EPI_ISL_1123545, EPI_ISL_1123547, EPI_ISL_1123548, EPI_ISL_1123550, EPI_ISL_1123552, EPI_ISL_1123553, EPI_ISL_1123555, EPI_ISL_1123557, EPI_ISL_1123559, EPI_ISL_1123561, EPI_ISL_1123563, EPI_ISL_1123564, EPI_ISL_1123566, EPI_ISL_1123568, EPI_ISL_1123570, EPI_ISL_1123572, EPI_ISL_1123574, EPI_ISL_1123576, EPI_ISL_1123577, EPI_ISL_1123579, EPI_ISL_1123581	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda	
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EPI_ISL_1123667, EPI_ISL_1123669, EPI_ISL_1123671, EPI_ISL_1123673, EPI_ISL_1123674, EPI_ISL_1123676, EPI_ISL_1123678, EPI_ISL_1123683, EPI_ISL_1123685, EPI_ISL_1123792	Pathogen Genomics Center, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
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EPI_ISL_1123909, EPI_ISL_1123911, EPI_ISL_1123913, EPI_ISL_1123915, EPI_ISL_1123916, EPI_ISL_1123918, EPI_ISL_1123920, EPI_ISL_1123922, EPI_ISL_1123924, EPI_ISL_1123926, EPI_ISL_1123927, EPI_ISL_1123929, EPI_ISL_1123931, EPI_ISL_1123933, EPI_ISL_1123935, EPI_ISL_1123937, EPI_ISL_1123938, EPI_ISL_1123940, EPI_ISL_1123942, EPI_ISL_1123944, EPI_ISL_1123946, EPI_ISL_1123948			
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EPI_ISL_1124095, EPI_ISL_1124097, EPI_ISL_1124099, EPI_ISL_1124101, EPI_ISL_1124102, EPI_ISL_1124104	Toyama Institute of Health	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
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EPI_ISL_1124201, EPI_ISL_1124203, EPI_ISL_1124205, EPI_ISL_1124207	Toyama Institute of Health	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_1124208, EPI_ISL_1124210, EPI_ISL_1124212, EPI_ISL_1124213, EPI_ISL_1124215, EPI_ISL_1124217, EPI_ISL_1124219, EPI_ISL_1124221, EPI_ISL_1124222, EPI_ISL_1124224, EPI_ISL_1124226, EPI_ISL_1124227, EPI_ISL_1124229, EPI_ISL_1124231			
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EPI_ISL_1124358, EPI_ISL_1124360, EPI_ISL_1124362	Pathogen Genomics Center, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
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EPI_ISL_1124653, EPI_ISL_1124655, EPI_ISL_1124657, EPI_ISL_1124659, EPI_ISL_1124661, EPI_ISL_1124662, EPI_ISL_1124664, EPI_ISL_1124666, EPI_ISL_1124668, EPI_ISL_1124669, EPI_ISL_1124694, EPI_ISL_1124695, EPI_ISL_1124697, EPI_ISL_1124699, EPI_ISL_1124701, EPI_ISL_1124702, EPI_ISL_1124704, EPI_ISL_1124706, EPI_ISL_1124708, EPI_ISL_1124710, EPI_ISL_1124711, EPI_ISL_1124713, EPI_ISL_1124715, EPI_ISL_1124717, EPI_ISL_1124719, EPI_ISL_1124721, EPI_ISL_1124722, EPI_ISL_1124724, EPI_ISL_1124726, EPI_ISL_1124728, EPI_ISL_1124730			
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EPI_ISL_1124807, EPI_ISL_1124809, EPI_ISL_1124811, EPI_ISL_1124813, EPI_ISL_1124814, EPI_ISL_1124816, EPI_ISL_1124818, EPI_ISL_1124820, EPI_ISL_1124822, EPI_ISL_1124823, EPI_ISL_1124825, EPI_ISL_1124827, EPI_ISL_1124828, EPI_ISL_1124830, EPI_ISL_1124832, EPI_ISL_1124834, EPI_ISL_1124835, EPI_ISL_1124837, EPI_ISL_1124839, EPI_ISL_1124839, EPI_ISL_1124841, EPI_ISL_1124842, EPI_ISL_1124844, EPI_ISL_1124846, EPI_ISL_1124848, EPI_ISL_1124849, EPI_ISL_1124851, EPI_ISL_1124908, EPI_ISL_1124910, EPI_ISL_1124911, EPI_ISL_1124913, EPI_ISL_1124915, EPI_ISL_1124917, EPI_ISL_1124919, EPI_ISL_1124921, EPI_ISL_1124922, EPI_ISL_1124930, EPI_ISL_1124931			
see above	Pathogen Genomics Center, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_1124989, EPI_ISL_1125053, EPI_ISL_1125132, EPI_ISL_1125134, EPI_ISL_1125211, EPI_ISL_1125326, EPI_ISL_1125344, EPI_ISL_1125345, EPI_ISL_1125372, EPI_ISL_1125432, EPI_ISL_1125442, EPI_ISL_1125508, EPI_ISL_1125592, EPI_ISL_1125655, EPI_ISL_1125668, EPI_ISL_1125722, EPI_ISL_1125772, EPI_ISL_1125775, EPI_ISL_1125827, EPI_ISL_1125847, EPI_ISL_1125877, EPI_ISL_1125920, EPI_ISL_1125956, EPI_ISL_1125997, EPI_ISL_1126022, EPI_ISL_1126023, EPI_ISL_1126063, EPI_ISL_1126077, EPI_ISL_1126104, EPI_ISL_1126200, EPI_ISL_1126223, EPI_ISL_1126350, EPI_ISL_1126352, EPI_ISL_1126376, EPI_ISL_1126382, EPI_ISL_1126406, EPI_ISL_1126427, EPI_ISL_1126435, EPI_ISL_1126480, EPI_ISL_1126495, EPI_ISL_1126572, EPI_ISL_1126626, EPI_ISL_1126644, EPI_ISL_1126645, EPI_ISL_1126666, EPI_ISL_1126691, EPI_ISL_1126732, EPI_ISL_1126778, EPI_ISL_1126820, EPI_ISL_1126892, EPI_ISL_1126983, EPI_ISL_1127000, EPI_ISL_1127016, EPI_ISL_1127019, EPI_ISL_1127072			
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EPI_ISL_1127139, EPI_ISL_1127146, EPI_ISL_1127147, EPI_ISL_1127153, EPI_ISL_1127154, EPI_ISL_1127163, EPI_ISL_1127186, EPI_ISL_1127187, EPI_ISL_1127188, EPI_ISL_1127189, EPI_ISL_1127190, EPI_ISL_1127191, EPI_ISL_1127192, EPI_ISL_1127193, EPI_ISL_1127194, EPI_ISL_1127195, EPI_ISL_1127196, EPI_ISL_1127197, EPI_ISL_1127198, EPI_ISL_1127199, EPI_ISL_1127200, EPI_ISL_1127201, EPI_ISL_1127202, EPI_ISL_1127203, EPI_ISL_1127204, EPI_ISL_1127205, EPI_ISL_1127206, EPI_ISL_1127207, EPI_ISL_1127208, EPI_ISL_1127209, EPI_ISL_1127210, EPI_ISL_1127211, EPI_ISL_1127214, EPI_ISL_1127314, EPI_ISL_1127315, EPI_ISL_1127316, EPI_ISL_1127317, EPI_ISL_1127318, EPI_ISL_1127319, EPI_ISL_1127320, EPI_ISL_1127321, EPI_ISL_1127322, EPI_ISL_1127323, EPI_ISL_1127324, EPI_ISL_1127325, EPI_ISL_1127452, EPI_ISL_1127453, EPI_ISL_1127454, EPI_ISL_1127455, EPI_ISL_1127456, EPI_ISL_1127457, EPI_ISL_1127458, EPI_ISL_1127459, EPI_ISL_1127460, EPI_ISL_1127461, EPI_ISL_1127462, EPI_ISL_1127463, EPI_ISL_1127464, EPI_ISL_1127465, EPI_ISL_1127466, EPI_ISL_1127467, EPI_ISL_1127468, EPI_ISL_1127469, EPI_ISL_1127470, EPI_ISL_1127471, EPI_ISL_1127472, EPI_ISL_1127473, EPI_ISL_1127474, EPI_ISL_1127475, EPI_ISL_1127476, EPI_ISL_1127477, EPI_ISL_1127478, EPI_ISL_112			





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EPI_ISL_1137005, EPI_ISL_1137010, EPI_ISL_1137027, EPI_ISL_1137028, EPI_ISL_1137029, EPI_ISL_1137035, EPI_ISL_1137036, EPI_ISL_1137037	Delaware Public Health Lab	Delaware Public Health Lab	Gregory Hovan
EPI_ISL_1137073	Kansas Health and Environmental Lab	Kansas Health and Environmental Lab	Mike Grose, Jonathan Barnell, Ben Olsen, and Phil Adam
EPI_ISL_1137195, EPI_ISL_1137196, EPI_ISL_1137197, EPI_ISL_1137198, EPI_ISL_1137199, EPI_ISL_1137200, EPI_ISL_1137201, EPI_ISL_1137202, EPI_ISL_1137203, EPI_ISL_1137205, EPI_ISL_1137206, EPI_ISL_1137208			
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EPI_ISL_1137605, EPI_ISL_1137606, EPI_ISL_1137607	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Jim Mildenerberger, Wanda Manley, Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Chayse Rowley, Marley Goetz, Brian Dominguez, Elliot Thomasson, Cari Sloma, and Rob Christensen
EPI_ISL_1138411	Hospital HIA Percy, Medical Biology	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, Vincent Foissaud
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EPI_ISL_1138513, EPI_ISL_1138514, EPI_ISL_1138515	SA Pärnu Hospital Laboratory	1. Laboratory of Communicable Diseases (Estonia); 2. Eurofins Genomics Europe Sequencing GmbH	Lidia Dotsenko
EPI_ISL_1138612, EPI_ISL_1138619, EPI_ISL_1138626, EPI_ISL_1138633, EPI_ISL_1138668, EPI_ISL_1138683, EPI_ISL_1138686, EPI_ISL_1138702, EPI_ISL_1138705, EPI_ISL_1138710, EPI_ISL_1138712, EPI_ISL_1138717, EPI_ISL_1138718, EPI_ISL_1138720			
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EPI_ISL_1140394, EPI_ISL_1140395, EPI_ISL_1140396, EPI_ISL_1140400, EPI_ISL_1140403, EPI_ISL_1140406, EPI_ISL_1140410, EPI_ISL_1140412, EPI_ISL_1140413, EPI_ISL_1140459, EPI_ISL_1140460, EPI_ISL_1140464, EPI_ISL_1140467, EPI_ISL_1140468, EPI_ISL_1140469, EPI_ISL_1140472, EPI_ISL_1140473			
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EPI_ISL_1143962, EPI_ISL_1143977	Bayerisches Landesamt für Gesundheit und Lebensmittelsicherheit (LGL)	Robert Koch Institute	unknown
EPI_ISL_1144923, EPI_ISL_1144924, EPI_ISL_1144925, EPI_ISL_1144927, EPI_ISL_1144930, EPI_ISL_1144931, EPI_ISL_1144934, EPI_ISL_1144936, EPI_ISL_1144937	Medizinische Hochschule Hannover Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1147655	Uniklinikum Jena	Robert Koch Institute	unknown
EPI_ISL_1157006, EPI_ISL_1157008, EPI_ISL_1157009, EPI_ISL_1157011, EPI_ISL_1157013, EPI_ISL_1157017, EPI_ISL_1157020, EPI_ISL_1157022, EPI_ISL_1157024, EPI_ISL_1157025, EPI_ISL_1157027, EPI_ISL_1157031, EPI_ISL_1157033			
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EPI_ISL_1157071, EPI_ISL_1157072, EPI_ISL_1157073, EPI_ISL_1157074, EPI_ISL_1157075, EPI_ISL_1157076, EPI_ISL_1157077, EPI_ISL_1157079, EPI_ISL_1157080, EPI_ISL_1157081, EPI_ISL_1157083, EPI_ISL_1157085, EPI_ISL_1157086, EPI_ISL_1157087, EPI_ISL_1157088, EPI_ISL_1157089, EPI_ISL_1157092, EPI_ISL_1157093, EPI_ISL_1157094, EPI_ISL_1157097, EPI_ISL_1157098, EPI_ISL_1157099			
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EPI_ISL_1159104, EPI_ISL_1159105	Department of Health Technology and Informatics, The Hong Kong Polytechnic University	Department of Health Technology and Informatics, The Hong Kong Polytechnic University	Gilman Kit-Hang Siu, Lam-Kwong Lee, Kenneth Siu-Sing Leung, Jake Siu-Lun Leung, Timothy Ting-Leung Ng, Chloe Toi-Mei Chan, Kingsley King-Gee Tam, Hiu-Yin Lao, Denise Sze-Hang Wong, Alan Ka-Lun Wu, Miranda Chong-Yee Yau, Yvette Wai-Man Lai, Kitty Sau-Chun Fung, Sandy Ka-Yee Chau, Barry Kin-Chung Wong, Wing-Kin To, Kristine Luk, Alex Yat-Man Ho, Tak-Lun Que, Kam-Tong Yip, Wing Cheong Yam, David Ho-Keung Shum, Shea Ping Yip
EPI_ISL_1159778, EPI_ISL_1159792, EPI_ISL_1159804	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Kelsey R. Florek, Abigail C. Shockey
EPI_ISL_1163533, EPI_ISL_1163534, EPI_ISL_1163535, EPI_ISL_1163536, EPI_ISL_1163537, EPI_ISL_1163539, EPI_ISL_1163540, EPI_ISL_1163541, EPI_ISL_1163542, EPI_ISL_1163543, EPI_ISL_1163544, EPI_ISL_1163546, EPI_ISL_1163547, EPI_ISL_1163548, EPI_ISL_1163549			
see above	Maine HETL	Tewhey Lab, The Jackson Laboratory	Matluk,N., Dewey,H., Iosue,F., Barter,M., Lynch,R., Munger,H. and Tewhey,R.
EPI_ISL_1164699, EPI_ISL_1164700, EPI_ISL_1164701, EPI_ISL_1164702, EPI_ISL_1164703, EPI_ISL_1164704, EPI_ISL_1164705, EPI_ISL_1164706, EPI_ISL_1164707, EPI_ISL_1164708, EPI_ISL_1164709, EPI_ISL_1164710, EPI_ISL_1164711, EPI_ISL_1164712, EPI_ISL_1164713, EPI_ISL_1164716, EPI_ISL_1164717, EPI_ISL_1164718, EPI_ISL_1164719, EPI_ISL_1164720, EPI_ISL_1164722, EPI_ISL_1164724, EPI_ISL_1164725, EPI_ISL_1164726, EPI_ISL_1164727			
see above	Department of Molecular Virology, Cyprus Institute of Neurology and Genetics	Department of Molecular Virology, Cyprus Institute of Neurology and Genetics	Jan Richter, Pavlos Fanis, Christina Tryfonos, Dana Koptides, George Krashias, Stavros Bashiarides, Andreas Hadjisavvas, Maria Loizidou, Anastasis Oulas, Denise Alexandrou, Olga Kalakouta, Mihalís Panayiotidis, George Spyrou, Christina Christodoulou
EPI_ISL_1164994	LACEN - Laboratório Central de Saúde Pública do Paraíba	Evandro Chagas Institute	Santos, M.C.; Silva, A.M.; Junior, W.D.C.; Barbagelata, L.S.; Ferreira, J.A.; Sousa, E.M.A.; da Silva, P.S.; Pinheiro, K.C.; L.C.; Sousa Junior, E.C.
EPI_ISL_1164995	LACEN - Laboratório Central de Saúde Pública do Ceará	Evandro Chagas Institute	Santos, M.C.; Silva, A.M.; Junior, W.D.C.; Barbagelata, L.S.; Ferreira, J.A.; Sousa, E.M.A.; da Silva, P.S.; Pinheiro, K.C.; L.C.; Sousa Junior, E.C.
EPI_ISL_1164996	LACEN - Laboratório Central de Saúde Pública do Maranhão	Evandro Chagas Institute	Santos, M.C.; Silva, A.M.; Junior, W.D.C.; Barbagelata, L.S.; Ferreira, J.A.; Sousa, E.M.A.; da Silva, P.S.; Pinheiro, K.C.; L.C.; Sousa Junior, E.C.
EPI_ISL_1164999	LACEN - Laboratório Central de Saúde Pública do Paraíba	Evandro Chagas Institute	Santos, M.C.; Silva, A.M.; Junior, W.D.C.; Barbagelata, L.S.; Ferreira, J.A.; Sousa, E.M.A.; da Silva, P.S.; Pinheiro, K.C.; L.C.; Sousa Junior, E.C.
EPI_ISL_1167135, EPI_ISL_1167141, EPI_ISL_1167145, EPI_ISL_1167146	Iressef Genomics lab	L'institut de Recherche en Santé, de Surveillance Épidémiologique et de Formation (IRESSEF)	Souleymane MBOUP, Abdou PADANE, Abdoulie KANTEH , Abdul Karim SESAY , Khadim GUEYE, Papa Alassane DIAW, Birahim Piere NDIAYE, Barada CISSE, Aminata MBOUP, Moustapha MBOW, Ndeye Coumba Toure KANE, Nafisatou LEYE, Gora LO, Ambroise AHOUIDI , Astou Gaye GAYE, Aminata DIA, Yacine DIA
EPI_ISL_1167703, EPI_ISL_1167753, EPI_ISL_1167756, EPI_ISL_1167790, EPI_ISL_1167796, EPI_ISL_1167810, EPI_ISL_1167829, EPI_ISL_1167847, EPI_ISL_1167863, EPI_ISL_1167866, EPI_ISL_1167877, EPI_ISL_1167878, EPI_ISL_1167879, EPI_ISL_1167885, EPI_ISL_1167887, EPI_ISL_1167924, EPI_ISL_1167928, EPI_ISL_1167930			
see above	Genetica Molecular and Subdepartamento de Virologia ISP Chile	Instituto de Salud Publica de Chile	Javier Tognarelli, Karen Orostica, Barbara Parra, Loredana Arata, Jaime Lagos, Gisselle Barra, Patricia Bustos, Rodrigo Fasce, Andres Castillo, Jorge Fernandez
EPI_ISL_1167940, EPI_ISL_1167941, EPI_ISL_1167944, EPI_ISL_1167947, EPI_ISL_1167948, EPI_ISL_1167950, EPI_ISL_1167952, EPI_ISL_1167953, EPI_ISL_1167954, EPI_ISL_1167957, EPI_ISL_1167959, EPI_ISL_1167962, EPI_ISL_1167966, EPI_ISL_1167971, EPI_ISL_1167972, EPI_ISL_1167974, EPI_ISL_1167977, EPI_ISL_1167980, EPI_ISL_1167982, EPI_ISL_1167985, EPI_ISL_1167987			
see above	GA Department of Public Health Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Brian Lynch, Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Haibin Wang,, Suxiang Tong
EPI_ISL_1167990, EPI_ISL_1167991, EPI_ISL_1167993, EPI_ISL_1167996	MO State Public Health Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Brian Lynch, Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Haibin Wang,, Suxiang Tong
EPI_ISL_1168001, EPI_ISL_1168003, EPI_ISL_1168006	GA Department of Public Health Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and	Brian Lynch, Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Haibin Wang,, Suxiang Tong

EPI_ISL_1168007, EPI_ISL_1168014	MO State Public Health Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Brian Lynch, Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Haibin Wang,, Suxiang Tong
EPI_ISL_1168449	DC Public Health Lab/ Dept. of Forensic Sciences	DC Public Health Lab/ Dept. of Forensic Sciences	Scott Nguyen, Janis Doss, Elizabeth Zelaya, Sarah Scott, Connie Maza, Monica Mann, Brittany Hamilton, David Payne, Jocelyn Hauser
EPI_ISL_1168658, EPI_ISL_1168659, EPI_ISL_1168666, EPI_ISL_1168672, EPI_ISL_1168675	Centers for Disease Control and Prevention, Dengue Branch	Centers for Disease Control and Prevention, Dengue Branch	Gilberto A. Santiago, Glenda Gonzalez, Betzabel Flores, Keyla Charriez, Gabriela Paz-Bailey, Jorge L. Munoz-Jordan
EPI_ISL_1168770, EPI_ISL_1168771	Beijing Center for Disease Prevention and Control	Beijing Center for Disease Prevention and Control	Yang Pan, Fu Li, Zhaomin Feng, Shujuan Cui, Bing Lyu, Zhichao Liang, Lijuan Chen, Daitao Zhang, Quanyi Wang
EPI_ISL_1168773, EPI_ISL_1168774, EPI_ISL_1168778, EPI_ISL_1168779, EPI_ISL_1168780, EPI_ISL_1168781, EPI_ISL_1168782, EPI_ISL_1168783, EPI_ISL_1168784, EPI_ISL_1168785, EPI_ISL_1168786, EPI_ISL_1168787, EPI_ISL_1168788, EPI_ISL_1168789, EPI_ISL_1168790, EPI_ISL_1168791, EPI_ISL_1168792, EPI_ISL_1168800, EPI_ISL_1168801, EPI_ISL_1168802, EPI_ISL_1168803, EPI_ISL_1168804, EPI_ISL_1168805, EPI_ISL_1168806, EPI_ISL_1168807, EPI_ISL_1168808, EPI_ISL_1168809, EPI_ISL_1168810, EPI_ISL_1168811, EPI_ISL_1168812, EPI_ISL_1168813, EPI_ISL_1168814, EPI_ISL_1168815, EPI_ISL_1168816, EPI_ISL_1168817, EPI_ISL_1168818, EPI_ISL_1168819, EPI_ISL_1168820, EPI_ISL_1168821, EPI_ISL_1168822, EPI_ISL_1168823, EPI_ISL_1168824, EPI_ISL_1168825, EPI_ISL_1168826, EPI_ISL_1168827, EPI_ISL_1168828, EPI_ISL_1168829, EPI_ISL_1168830, EPI_ISL_1168831, EPI_ISL_1168832, EPI_ISL_1168833, EPI_ISL_1168834, EPI_ISL_1168835, EPI_ISL_1168836, EPI_ISL_1168837, EPI_ISL_1168838, EPI_ISL_1168839, EPI_ISL_1168840, EPI_ISL_1168841, EPI_ISL_1168842, EPI_ISL_1168845, EPI_ISL_1168847, EPI_ISL_1168848, EPI_ISL_1168849, EPI_ISL_1168850, EPI_ISL_1168851, EPI_ISL_1168852, EPI_ISL_1168853, EPI_ISL_1168854, EPI_ISL_1168858, EPI_ISL_1168859, EPI_ISL_1168860, EPI_ISL_1168861, EPI_ISL_1168862, EPI_ISL_1168863, EPI_ISL_1168864, EPI_ISL_1168865, EPI_ISL_1168867, EPI_ISL_1168868, EPI_ISL_1168869, EPI_ISL_1168870, EPI_ISL_1168871, EPI_ISL_1168872, EPI_ISL_1168873, EPI_ISL_1168874, EPI_ISL_1168875, EPI_ISL_1168880, EPI_ISL_1168883, EPI_ISL_1168897, EPI_ISL_1168898, EPI_ISL_1168899, EPI_ISL_1168900, EPI_ISL_1168901			
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EPI_ISL_1169499	Commonwealth Healthcare Center	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1171128, EPI_ISL_1171310	OHSU Lab Services Molecular Microbiology Lab	Ginkgo Bioworks Clinical Laboratory	Brendan L. O'Connell, Sally Grindstaff, Kayla Carter, Ruth V. Nichols, Malaika Mckenzie-Bennett, James McGann, Jim Griffin, Keith Robison, Alex Plocik, Becky Schilling, Martha Pierson, Rebecca Littlefield, Michelle Spencer, Amanda Riccardi, Birgitte Simen, Alec J. Hirsch, Donna Hansel, Guang Fan, Xuan Qin, Daniel N. Streblow, William B. Messer, Andrew C. Adey, Benjamin N. Bimber, Brian J. O'Roak
EPI_ISL_1171744, EPI_ISL_1171750	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Jim Mildenerberger, Wanda Manley, Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Chayse Rowley, Marley Goetz, Brian Dominguez, Elliot Thomasson, Cari Sloma, and Rob Christensen
EPI_ISL_538498	RSUD Soediono Madiun East Java	National Institute of Health Research and Development	Pawestri, HA; Subangkit; Puspa, KD; Nugraha, AA; Ikawati, HD; Pangesti, KNA; Soekarso, T; Paisal; Setiawaty,V.
EPI_ISL_538503	RSUD Bali Mandara Denpasar Bali	National Institute of Health Research and Development	Pawestri, HA; Subangkit; Puspa, KD; Nugraha, AA; Ikawati, HD; Pangesti, KNA; Soekarso, T; Paisal; Setiawaty,V.
EPI_ISL_538511	RSUD Wahidin Sudirohusodo Mojokerto East Java	National Institute of Health Research and Development	Pawestri, HA; Subangkit; Puspa, KD; Nugraha, AA; Ikawati, HD; Pangesti, KNA; Soekarso, T; Paisal; Setiawaty,V.
EPI_ISL_538513	Provincial Health Laboratory Bekasi West Java	National Institute of Health Research and Development	Pawestri, HA; Subangkit; Puspa, KD; Nugraha, AA; Ikawati, HD; Pangesti, KNA; Soekarso, T; Paisal; Setiawaty,V.
EPI_ISL_700688, EPI_ISL_700689, EPI_ISL_700698	Respiratory Virus Unit, National Infection Service, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team
EPI_ISL_704609	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_704674	University College London Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Judith Heaney, Matthew Byott, Catherine Houlihan, Dan Frampton, Stuart Kirk, Moira Spyer and Eleni Nastouli
EPI_ISL_704728, EPI_ISL_704736, EPI_ISL_704744, EPI_ISL_704746	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_705732	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_705783, EPI_ISL_705786, EPI_ISL_705787, EPI_ISL_705788, EPI_ISL_705789, EPI_ISL_705790, EPI_ISL_705791, EPI_ISL_705792, EPI_ISL_705793	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian / School of Biological Sciences, University of Edinburgh / Institute of Genetics and Molecular Medicine, University of Edinburgh	COVID-19 Genomics UK (COG-UK) Consortium	McHugh M, Dewar R, Rooke S, Gallagher M, Balcaza C, O'Toole Á, Scher E, Hill V, McCrone JT, Colquhoun R, Yu X, Jackson B, Rambaut A, Williams TC, Templeton K
EPI_ISL_705958	University College London Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Judith Heaney, Matthew Byott, Catherine Houlihan, Dan Frampton, Stuart Kirk, Moira Spyer and Eleni Nastouli
EPI_ISL_706380, EPI_ISL_706382	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_706977, EPI_ISL_706979, EPI_ISL_706980, EPI_ISL_706981, EPI_ISL_706982	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_707795, EPI_ISL_707797, EPI_ISL_707800, EPI_ISL_707804	LabPLUS	Institute of Environmental Science and Research (ESR)	Xiaoyun Ren, Matt Storey, Nikki Freed, Muhammad Faisal, Jing Wang, Hermes Perez, Anja Werno, Antje van der Linden, Arlo Upton, Chris Mansell, David Hammer, Dragana Drinkovic, Gary McAuliffe, Hana Sofia Andersson, James Ussher, Jill Sherwood, Josh Freeman, Julia Howard, Juliet Elvy, Mary DeAlmeida, Matt Blakiston, Matthew Rogers, Max Bloomfield, Michael Addidle, Michelle Balm, Sally Roberts, Sarah Jefferies, Sharmini Muttaiyah, Susan Morpeth, Susan Taylor, Timothy Blackmore, Vani Sathyendran, Veronica Playle, Virginia Hope, Erasmus Smit, Lauren Jelly, Olin Silander, Joep de Ligt
EPI_ISL_707806	Middlemore Hospital	Institute of Environmental Science and Research (ESR)	Xiaoyun Ren, Matt Storey, Nikki Freed, Muhammad Faisal, Jing Wang, Hermes Perez, Anja Werno, Antje van der Linden, Arlo Upton, Chris Mansell, David Hammer, Dragana Drinkovic, Gary McAuliffe, Hana Sofia Andersson, James Ussher, Jill Sherwood, Josh Freeman, Julia Howard, Juliet Elvy, Mary DeAlmeida, Matt Blakiston, Matthew Rogers, Max Bloomfield, Michael Addidle, Michelle Balm, Sally Roberts, Sarah Jefferies, Sharmini Muttaiyah, Susan Morpeth, Susan Taylor, Timothy Blackmore, Vani Sathyendran, Veronica Playle, Virginia Hope, Erasmus Smit, Lauren Jelly, Olin Silander, Joep de Ligt
EPI_ISL_708496, EPI_ISL_708497, EPI_ISL_708498, EPI_ISL_708499, EPI_ISL_708500, EPI_ISL_708501, EPI_ISL_708502, EPI_ISL_708503	Minnesota Department of Health, Public Health Laboratory	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_708841, EPI_ISL_708845, EPI_ISL_708846, EPI_ISL_708851, EPI_ISL_708852, EPI_ISL_708853, EPI_ISL_708854	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_708855	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team



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[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Team		
EPI_ISL_709563, EPI_ISL_709564	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_709565	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_710513	Area of Virology, Serology and Virology Division (SAViD), New South Wales Health Pathology Randwick	Area of Virology, Serology and Virology Division (SAViD), New South Wales Health Pathology Randwick
EPI_ISL_710591	Narhalsan Fjällbacka VC	The Public Health Agency of Sweden
EPI_ISL_710603	Klinisk mikrobiologi	The Public Health Agency of Sweden
EPI_ISL_710614, EPI_ISL_710617	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_710619	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_710620	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_710621, EPI_ISL_710622, EPI_ISL_710627	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_710628	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_710629, EPI_ISL_710633, EPI_ISL_710635, EPI_ISL_710637	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_710638	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_710640, EPI_ISL_710641, EPI_ISL_710642, EPI_ISL_710643	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_710645	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_710646, EPI_ISL_710651, EPI_ISL_710654, EPI_ISL_710655	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_710656	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_710657, EPI_ISL_710658, EPI_ISL_710659, EPI_ISL_710660	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_710661	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_710664	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_710665	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_710666, EPI_ISL_710667, EPI_ISL_710668, EPI_ISL_710670	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_710671	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_710672, EPI_ISL_710673, EPI_ISL_710675	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_710676	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_710677, EPI_ISL_710679, EPI_ISL_710684, EPI_ISL_710685, EPI_ISL_710686	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_710689	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_710690, EPI_ISL_710691	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_710693	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_710697	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium
EPI_ISL_710698	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium

EPI_ISL_712250, EPI_ISL_712251, EPI_ISL_712252, EPI_ISL_712253, EPI_ISL_712295, EPI_ISL_712321, EPI_ISL_712340, EPI_ISL_712341, EPI_ISL_712342, EPI_ISL_712344, EPI_ISL_712345, EPI_ISL_712346, EPI_ISL_712455, EPI_ISL_712456, EPI_ISL_712457, EPI_ISL_712458, EPI_ISL_712459, EPI_ISL_712460, EPI_ISL_712461, EPI_ISL_712462, EPI_ISL_712463, EPI_ISL_712464, EPI_ISL_712465, EPI_ISL_712466, EPI_ISL_712467, EPI_ISL_712468, EPI_ISL_712469, EPI_ISL_712470, EPI_ISL_712471, EPI_ISL_712472, EPI_ISL_712473, EPI_ISL_712474, EPI_ISL_712475, EPI_ISL_712476, EPI_ISL_712477, EPI_ISL_712478, EPI_ISL_712479, EPI_ISL_712481, EPI_ISL_712482, EPI_ISL_712483, EPI_ISL_712484, EPI_ISL_712487, EPI_ISL_712488, EPI_ISL_712489, EPI_ISL_712490, EPI_ISL_712491, EPI_ISL_712492, EPI_ISL_712493, EPI_ISL_712494, EPI_ISL_712495, EPI_ISL_712496, EPI_ISL_712497, EPI_ISL_712498, EPI_ISL_712499, EPI_ISL_712500, EPI_ISL_712501, EPI_ISL_712502, EPI_ISL_712503, EPI_ISL_712504, EPI_ISL_712505, EPI_ISL_712506, EPI_ISL_712507, EPI_ISL_712508, EPI_ISL_712509, EPI_ISL_712511, EPI_ISL_712512, EPI_ISL_712513, EPI_ISL_712514, EPI_ISL_712515, EPI_ISL_712516, EPI_ISL_712517, EPI_ISL_712518, EPI_ISL_712519, EPI_ISL_712520, EPI_ISL_712521, EPI_ISL_712522, EPI_ISL_712523, EPI_ISL_712524, EPI_ISL_712525, EPI_ISL_712526, EPI_ISL_712527, EPI_ISL_712528, EPI_ISL_712529, EPI_ISL_712530	see above	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen Lab, Department of Chemistry and Bioscience, Aalborg University, Denmark	Danish Covid-19 Genome Consortium
EPI_ISL_717701, EPI_ISL_717704, EPI_ISL_717705, EPI_ISL_717706, EPI_ISL_717708, EPI_ISL_717710, EPI_ISL_717711, EPI_ISL_717713		Area of Virology, Serology and Virology Division (SAVID), New South Wales Health Pathology Randwick	Virology Research Laboratory; Area of Virology, Serology and Virology Division (SAVID), New South Wales Health Pathology Randwick	Foster, C.; Au, J.; Ruiz Silva, M.; Deveson, I.; Bull, R.; Van Hal, S.; Rawlinson, W.
EPI_ISL_717978		Army Medical Center, Scientific Department, Virology Laboratory	Army Medical Center, Scientific Department, Virology Laboratory	Silvia Fillo, Giovanni Faggioni, Riccardo De Santis, Antonella Fortunato, Anna Anselmo, Vanessa Vera Fain, Francesco Giordani, Nino D'Amore, Anella Monte, Marzia Cavalli, Alessandra Amoroso, Stella Lia, Roberta Sorrentino, Rossella Tirelli, Federica Galeano, Annalisa Pelo, Margherita De Santis, Giulia Campoli, Andrea Ciammaruconi, Florio Lista
EPI_ISL_718024		Lab voor klinische biologie	Onderzoeksgroep Virologie	Laurens Lambrechts, Nick Vereecke, Marthe Pauwels, Bruno Verhasselt, Linos Vandekerckhove, Hans Nauwynck, Sebastiaan Theuns
EPI_ISL_718026		Lab voor klinische biologie	Onderzoeksgroep Virologie	Nick Vereecke, Laurens Lambrechts, Marthe Pauwels, Bruno Verhasselt, Linos Vandekerckhove, Hans Nauwynck, Sebastiaan Theuns
EPI_ISL_718280		Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia	Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia	Suppiah J, Kamel K, Mohd-Zawawi Z, Thayan R
EPI_ISL_718318, EPI_ISL_718320, EPI_ISL_718321, EPI_ISL_718322, EPI_ISL_718323, EPI_ISL_718324, EPI_ISL_718325, EPI_ISL_718327, EPI_ISL_718328, EPI_ISL_718329, EPI_ISL_718330, EPI_ISL_718331, EPI_ISL_718333, EPI_ISL_718334, EPI_ISL_718335, EPI_ISL_718336, EPI_ISL_718339, EPI_ISL_718340, EPI_ISL_718341, EPI_ISL_718342, EPI_ISL_718343, EPI_ISL_718344, EPI_ISL_718346, EPI_ISL_718347, EPI_ISL_718348, EPI_ISL_718349, EPI_ISL_718350, EPI_ISL_718351, EPI_ISL_718352, EPI_ISL_718355, EPI_ISL_718356, EPI_ISL_718357, EPI_ISL_718359, EPI_ISL_718360, EPI_ISL_718361, EPI_ISL_718364, EPI_ISL_718366, EPI_ISL_718367, EPI_ISL_718369, EPI_ISL_718370, EPI_ISL_718371, EPI_ISL_718372, EPI_ISL_718374, EPI_ISL_718376, EPI_ISL_718377, EPI_ISL_718378, EPI_ISL_718379, EPI_ISL_718381, EPI_ISL_718382, EPI_ISL_718383, EPI_ISL_718384, EPI_ISL_718386, EPI_ISL_718387, EPI_ISL_718388, EPI_ISL_718390, EPI_ISL_718391, EPI_ISL_718392, EPI_ISL_718394, EPI_ISL_718395, EPI_ISL_718397, EPI_ISL_718399, EPI_ISL_718401, EPI_ISL_718405, EPI_ISL_718406, EPI_ISL_718407, EPI_ISL_718408, EPI_ISL_718409, EPI_ISL_718410, EPI_ISL_718413, EPI_ISL_718415, EPI_ISL_718416, EPI_ISL_718417, EPI_ISL_718419, EPI_ISL_718420, EPI_ISL_718422, EPI_ISL_718423, EPI_ISL_718424, EPI_ISL_718425, EPI_ISL_718426, EPI_ISL_718427, EPI_ISL_718429, EPI_ISL_718431, EPI_ISL_718433, EPI_ISL_718434, EPI_ISL_718435, EPI_ISL_718436, EPI_ISL_718437, EPI_ISL_718438, EPI_ISL_718439, EPI_ISL_718440, EPI_ISL_718441, EPI_ISL_718444, EPI_ISL_718445, EPI_ISL_718446, EPI_ISL_718447, EPI_ISL_718448, EPI_ISL_718449, EPI_ISL_718450, EPI_ISL_718451, EPI_ISL_718452, EPI_ISL_718453, EPI_ISL_718454, EPI_ISL_718455, EPI_ISL_718456, EPI_ISL_718459, EPI_ISL_718461, EPI_ISL_718462, EPI_ISL_718463, EPI_ISL_718465, EPI_ISL_718466, EPI_ISL_718467, EPI_ISL_718469, EPI_ISL_718470, EPI_ISL_718471, EPI_ISL_718472, EPI_ISL_718474, EPI_ISL_718475, EPI_ISL_718477, EPI_ISL_718478, EPI_ISL_718480, EPI_ISL_718481, EPI_ISL_718482, EPI_ISL_718483, EPI_ISL_718485, EPI_ISL_718487, EPI_ISL_718488, EPI_ISL_718489, EPI_ISL_718490, EPI_ISL_718491, EPI_ISL_718493, EPI_ISL_718494, EPI_ISL_718495, EPI_ISL_718496, EPI_ISL_718497, EPI_ISL_718499, EPI_ISL_718501, EPI_ISL_718503, EPI_ISL_718504, EPI_ISL_718505, EPI_ISL_718507, EPI_ISL_718522, EPI_ISL_718524, EPI_ISL_718525, EPI_ISL_718526, EPI_ISL_718527, EPI_ISL_718529, EPI_ISL_718530, EPI_ISL_718531, EPI_ISL_718533, EPI_ISL_718534, EPI_ISL_718536, EPI_ISL_718537, EPI_ISL_718538, EPI_ISL_718539, EPI_ISL_718540, EPI_ISL_718542, EPI_ISL_718544, EPI_ISL_718545, EPI_ISL_718546, EPI_ISL_718547, EPI_ISL_718548, EPI_ISL_718549, EPI_ISL_718551, EPI_ISL_718553, EPI_ISL_718554, EPI_ISL_718555, EPI_ISL_718556, EPI_ISL_718558, EPI_ISL_718559, EPI_ISL_718590, EPI_ISL_718591, EPI_ISL_718592, EPI_ISL_718594, EPI_ISL_718596, EPI_ISL_718603, EPI_ISL_718604, EPI_ISL_718608, EPI_ISL_718613, EPI_ISL_718614, EPI_ISL_718616, EPI_ISL_718619, EPI_ISL_718620, EPI_ISL_718623, EPI_ISL_718626, EPI_ISL_718632	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_718637, EPI_ISL_718639, EPI_ISL_718640, EPI_ISL_718643, EPI_ISL_718644		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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_718645, EPI_ISL_718646, EPI_ISL_718648, EPI_ISL_718649, EPI_ISL_718651		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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_718653		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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_718655, EPI_ISL_718656		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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_718657, EPI_ISL_718658		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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_718659, EPI_ISL_718660, EPI_ISL_718661		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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_718662, EPI_ISL_718663, EPI_ISL_718664, EPI_ISL_718665, EPI_ISL_718666		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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_718667, EPI_ISL_718668, EPI_ISL_718669		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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_718670		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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_718671		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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_718674, EPI_ISL_718676, EPI_ISL_718678		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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_718679, EPI_ISL_718680, EPI_ISL_718681, EPI_ISL_718683, EPI_ISL_718684		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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_718686, EPI_ISL_718687		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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_718688, EPI_ISL_718689, EPI_ISL_718690		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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_718691		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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_718692, EPI_ISL_718693		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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_718694, EPI_ISL_718695		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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_718696, EPI_ISL_718697, EPI_ISL_718698, EPI_ISL_718699		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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_718700		Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K.



[illegible]

[illegible]

[illegible]



[illegible]

[illegible]



EPI_ISL_728285	National Institute for Infectious Diseases, INMI, "L. Spallanzani" IRCCS	National Institute for Infectious Diseases, INMI, "L. Spallanzani" IRCCS	F Messina, E Giombini, M Rueca, B Bartolini, C.E.M Gruber, MR Capobianchi, A Di Caro
EPI_ISL_728299	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_728331, EPI_ISL_728333, EPI_ISL_728335	Jena University Hospital, Institute for Infectious Diseases and Infection Control	Institute of infectious medicine & hospital hygiene, CaSe-Group	Spott, Riccardo; Marquet, Mike; Pletz, Matthias W.; Brandt, Christian
EPI_ISL_728566, EPI_ISL_728567, EPI_ISL_728568, EPI_ISL_728569, EPI_ISL_728570, EPI_ISL_728571, EPI_ISL_728572, EPI_ISL_728573, EPI_ISL_728574, EPI_ISL_728575, EPI_ISL_728576, EPI_ISL_728577, EPI_ISL_728578, EPI_ISL_728579, EPI_ISL_728580, EPI_ISL_728581, EPI_ISL_728582, EPI_ISL_728583, EPI_ISL_728584, EPI_ISL_728585, EPI_ISL_728586, EPI_ISL_728587, EPI_ISL_728588, EPI_ISL_728589, EPI_ISL_728590, EPI_ISL_728591, EPI_ISL_728592, EPI_ISL_728593, EPI_ISL_728594, EPI_ISL_728595, EPI_ISL_728596, EPI_ISL_728597, EPI_ISL_728598, EPI_ISL_728599, EPI_ISL_728600, EPI_ISL_728601, EPI_ISL_728602, EPI_ISL_728603, EPI_ISL_728604, EPI_ISL_728605, EPI_ISL_728606, EPI_ISL_728607, EPI_ISL_728608, EPI_ISL_728609, EPI_ISL_728610, EPI_ISL_728611, EPI_ISL_728612, EPI_ISL_728613, EPI_ISL_728614, EPI_ISL_728615, EPI_ISL_728616, EPI_ISL_728617, EPI_ISL_728618, EPI_ISL_728619, EPI_ISL_728620, EPI_ISL_728621, EPI_ISL_728622, EPI_ISL_728623, EPI_ISL_728624, EPI_ISL_728625, EPI_ISL_728626, EPI_ISL_728627, EPI_ISL_728628, EPI_ISL_728629, EPI_ISL_728630, EPI_ISL_728631, EPI_ISL_728632, EPI_ISL_728633, EPI_ISL_728634, EPI_ISL_728635, EPI_ISL_728636, EPI_ISL_728637, EPI_ISL_728642, EPI_ISL_728644, EPI_ISL_728645, EPI_ISL_728646, EPI_ISL_728647, EPI_ISL_728648, EPI_ISL_728649, EPI_ISL_728650, EPI_ISL_728651, EPI_ISL_728652, EPI_ISL_728653, EPI_ISL_728654, EPI_ISL_728655, EPI_ISL_728656, EPI_ISL_728657, EPI_ISL_728658, EPI_ISL_728659, EPI_ISL_728660, EPI_ISL_728661, EPI_ISL_728662, EPI_ISL_728663, EPI_ISL_728664, EPI_ISL_728665, EPI_ISL_728666, EPI_ISL_728667, EPI_ISL_728668, EPI_ISL_728669, EPI_ISL_728670, EPI_ISL_728701, EPI_ISL_728702, EPI_ISL_728703, EPI_ISL_728721, EPI_ISL_728722, EPI_ISL_728738, EPI_ISL_728739, EPI_ISL_728740, EPI_ISL_728741, EPI_ISL_728742, EPI_ISL_728743, EPI_ISL_728744, EPI_ISL_728745, EPI_ISL_728746, EPI_ISL_728747, EPI_ISL_728763			
see above	Dutch COVID-19 response team	National Institute for Public Health and the Environment (RIVM)	Adam Meijer, Harry Vennema, 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_729053	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Christian Beisel, Sarah Nadeau, Chaoran Chen, Ivan Topolsky, Pedro Ferreira, Philipp Jablonski, Susana Posada-Céspedes, Tobias Schär, 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_729107	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Catharine Aquino, Ivan Topolsky, Pedro Ferreira, Philipp Jablonski, Susana Posada-Céspedes, Andreia Cabral de Gouvea, Maria Domenica Moccia, Simon Grüter, Timothy Sykes, Lennart Opitz, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_729152, EPI_ISL_729154, EPI_ISL_729156, EPI_ISL_729162	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Christian Beisel, Sarah Nadeau, Chaoran Chen, Ivan Topolsky, Pedro Ferreira, Philipp Jablonski, Susana Posada-Céspedes, Tobias Schär, 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_729416, EPI_ISL_729449, EPI_ISL_729450, EPI_ISL_729451, EPI_ISL_729453, EPI_ISL_729454, EPI_ISL_729455, EPI_ISL_729457, EPI_ISL_729458, EPI_ISL_729463, EPI_ISL_729697, EPI_ISL_729698, EPI_ISL_729699, EPI_ISL_729700, EPI_ISL_729701, EPI_ISL_729702, EPI_ISL_729703, EPI_ISL_729705, EPI_ISL_729706, EPI_ISL_729709, EPI_ISL_729710, EPI_ISL_729711, EPI_ISL_729712, EPI_ISL_729713, EPI_ISL_729714, EPI_ISL_729716, EPI_ISL_729719, EPI_ISL_729721, EPI_ISL_729724, EPI_ISL_729725, EPI_ISL_729726, EPI_ISL_729727			
see above	A. Krumbholz, Labor Dr. Krause und Kollegen MVZ GmbH, Kiel	Charité Universitätsmedizin Berlin, Institut für Virologie	Victor M Corman, Barbara Mühlemann, Jörn Beheim-Schwarzbach, Talitha Veith, Julia Schneider, Terry Jones, Christian Drosten
EPI_ISL_730291, EPI_ISL_730299, EPI_ISL_730307, EPI_ISL_730312, EPI_ISL_730313, EPI_ISL_730315, EPI_ISL_730340, EPI_ISL_730353, EPI_ISL_730354, EPI_ISL_730355, EPI_ISL_730358, EPI_ISL_730359, EPI_ISL_730361, EPI_ISL_730362, EPI_ISL_730363, EPI_ISL_730365, EPI_ISL_730366, EPI_ISL_730369			
see above	San Diego County Public Health Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Tracy Basler, Jovan Shephard, Brett Austin
EPI_ISL_730621	Limmattal Hospital	Institute of Medical Virology, University of Zurich	Stefan Schmutz, Verena Kufner, Maryam Zaheri, Gabriela Ziltener, Jürg Böni, Michael Huber, Alexandra Trkola
EPI_ISL_730622, EPI_ISL_730626, EPI_ISL_730627	Männedorf Hospital	Institute of Medical Virology, University of Zurich	Stefan Schmutz, Verena Kufner, Maryam Zaheri, Gabriela Ziltener, Jürg Böni, Michael Huber, Alexandra Trkola
EPI_ISL_730630	Limmattal Hospital	Institute of Medical Virology, University of Zurich	Stefan Schmutz, Verena Kufner, Maryam Zaheri, Gabriela Ziltener, Jürg Böni, Michael Huber, Alexandra Trkola
EPI_ISL_730631	Männedorf Hospital	Institute of Medical Virology, University of Zurich	Stefan Schmutz, Verena Kufner, Maryam Zaheri, Gabriela Ziltener, Jürg Böni, Michael Huber, Alexandra Trkola
EPI_ISL_730634	University Hospital Zürich	Institute of Medical Virology, University of Zurich	Stefan Schmutz, Verena Kufner, Maryam Zaheri, Gabriela Ziltener, Jürg Böni, Michael Huber, Alexandra Trkola
EPI_ISL_730635	Limmattal Hospital	Institute of Medical Virology, University of Zurich	Stefan Schmutz, Verena Kufner, Maryam Zaheri, Gabriela Ziltener, Jürg Böni, Michael Huber, Alexandra Trkola
EPI_ISL_730637, EPI_ISL_730638, EPI_ISL_730639	Männedorf Hospital	Institute of Medical Virology, University of Zurich	Stefan Schmutz, Verena Kufner, Maryam Zaheri, Gabriela Ziltener, Jürg Böni, Michael Huber, Alexandra Trkola
EPI_ISL_730654	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_730656, EPI_ISL_730657, EPI_ISL_730659	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_730660, EPI_ISL_730662	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_730664	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_730665, EPI_ISL_730669, EPI_ISL_730670, EPI_ISL_730671, EPI_ISL_730672	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_730673	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_730674	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_730676	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_730677	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_730678	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_730680, EPI_ISL_730681, EPI_ISL_730682, EPI_ISL_730683, EPI_ISL_730684	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_730685	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_730686, EPI_ISL_730687,	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K.



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David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team

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see above	Department of Virology and Immunology, University of Helsinki and Helsinki University Hospital, Huslab Finland	Department of Virology, Faculty of Medicine, University of Helsinki, Helsinki, Finland	Teemu Smura, Ravi Kant, Phuoc Truong, Hussein Alburkat, Hannimari Kallio-Kokko, Jenni Virtanen, Maija Suvanto, Sari Hannula, Harri Kangas, Pekka Ellonen, Olli Vapalahti
EPI_ISL_732656	Narhalsan Fjällbacka VC	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_732657	Barnakuten	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_732964, EPI_ISL_732967	LabPLUS	Institute of Environmental Science and Research (ESR)	Xiaoyun Ren, Matt Storey, Nikki Freed, Muhammad Faisal, Jing Wang, Hermes Perez, Anja Werno, Antje van der Linden, Arlo Upton, Chris Mansell, David Hammer, Dragana Drinkovic, Gary McAuliffe, Hana Sofia Andersson, James Ussher, Jill Sherwood, Josh Freeman, Julia Howard, Juliet Elvy, Mary DeAlmeida, Matt Blakiston, Matthew Rogers, Max Bloomfield, Michael Addidle, Michelle Balm, Sally Roberts, Sarah Jefferies, Sharmini Muttaiyah, Susan Morpeth, Susan Taylor, Timothy Blackmore, Vani Sathyendran, Veronica Playle, Virginia Hope, Erasmus Smit, Lauren Jelly, Olin Silander, Joep de Ligt
EPI_ISL_733499	1-Laboratory of Microbiology, National Reference Lab, Charles Nicolle Hospital; 2-University of Tunis ElManar, Faculty of Medicine of Tunis, LR99ES09, Tunis, Tunisia	1-Clinical and Experimental Pharmacology Lab, LR16SP02, National Center of Pharmacovigilance, University of Tunis El Manar, Tunis, Tunisia. 2-Neurodegenerative diseases and psychiatric troubles, LR18SP03, Razi Hospital, University of Tunis El Manar, Tunis, Tunisia. 3- Ministry of Health, National Observatory of New and Emerging Diseases, 1006, Tunis, Tunisia	Ilhem Boutiba-Ben Boubaker, Sameh Trabelsi, Nissaf Ben Alaya, Maher Kharrat, Alia Ben Kahla, Jalila Ben Khellil, Salma Abid, Sana Ferjani, Mouna Ben Sassi, Mouna Safer, Guedi Ali Barreh, Habiba Ben Romdhane, Souissi Amira, Sarra Chamman, Hanen El Jebari, Asma Ferjani, Gaies Emna, Riadh Daghfous, Riadh Gouider.
EPI_ISL_733572, EPI_ISL_733573, EPI_ISL_733575	Temporary Specimen Collection Centre	Hong Kong Department of Health	Alan K.L. Tsang, Peter C.W. Yip, Edman T.K. Lam, Rickjason C.W. Chan, Dominic N.C. Tsang
EPI_ISL_733593	Respiratory Virus Unit, National Infection Service, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team
EPI_ISL_733598	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_733599, EPI_ISL_733601	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_733603	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_733604	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_733607	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_733610	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_733611, EPI_ISL_733613	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_733614	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_733617	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_733618	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_733619	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_733621	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_733622, EPI_ISL_733624, EPI_ISL_733626, EPI_ISL_733627	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_733628	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_733629, EPI_ISL_733631, EPI_ISL_733632, EPI_ISL_733633	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_733636	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_733637, EPI_ISL_733640	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_733641, EPI_ISL_733643	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_733644, EPI_ISL_733648	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_733649, EPI_ISL_733650, EPI_ISL_733655	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_733657	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_733660, EPI_ISL_733661, EPI_ISL_733662, EPI_ISL_733663, EPI_ISL_733665	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_733666	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_733668	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_733669	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_733670, EPI_ISL_733671, EPI_ISL_733672	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team

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EPI_ISL_735854, EPI_ISL_735855, EPI_ISL_735856, EPI_ISL_735857, EPI_ISL_735858, EPI_ISL_735859	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_735861		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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_735862, EPI_ISL_735863		Lighthouse Lab in Alderley Park		

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EPI_ISL_736766, EPI_ISL_736768, EPI_ISL_736770, EPI_ISL_736771, EPI_ISL_736772			
EPI_ISL_736774	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_736996	Istituto Zooprofilattico Sperimentale del Mezzogiorno	National Institute for Infectious Diseases, INMI, "L. Spallanzani" IRCCS	E. Giombini, C.E.M Gruber, F. Messina, M. Rueca, B. Bartolini, F. Carletti, P. Cerino, B. Pierri, C. Buonerba, D. Di Concilio, M.C. Cuomo, A. Di Caro, M.R Capobianchi
EPI_ISL_736997	Istituto Zooprofilattico Sperimentale del Mezzogiorno	National Institute for Infectious Diseases, INMI, "L. Spallanzani" IRCCS	F. Messina, C.E.M Gruber, M. Rueca, B. Bartolini, E. Giombini, F. Carletti, P. Cerino, B. Pierri, C. Buonerba, D. Di Concilio, M.C. Cuomo, M.R. Capobianchi, A. Di Caro
EPI_ISL_737204	Central Virology Laboratory, Israel Ministry of Health	Central Virology Laboratory, Israel Ministry of Health	Neta S. Zuckerman, Efrat Dahan Bucris, Oran Erster, Michal Mandelboim, Orna Mor, Ella Mendelson
EPI_ISL_737239, EPI_ISL_737244, EPI_ISL_737247, EPI_ISL_737249, EPI_ISL_737253, EPI_ISL_737254, EPI_ISL_737260	Los Angeles County PHL	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_737313, EPI_ISL_737319, EPI_ISL_737320, EPI_ISL_737322, EPI_ISL_737325, EPI_ISL_737335, EPI_ISL_737343, EPI_ISL_737346, EPI_ISL_737350, EPI_ISL_737351, EPI_ISL_737353, EPI_ISL_737359, EPI_ISL_737369, EPI_ISL_737372, EPI_ISL_737379, EPI_ISL_737381, EPI_ISL_737383, EPI_ISL_737384, EPI_ISL_737385, EPI_ISL_737390, EPI_ISL_737392			
see above	Department of Clinical Microbiology	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_737876	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Catharine Aquino, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Andreia Cabral de Gouvea, Maria Domenica Moccia, Simon Grüter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patrignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_738048	SIESP CHIETI - DRIVE IN ORTONA	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Di Pasquale A, Cammà C, Puglia I, Savini G
EPI_ISL_738093, EPI_ISL_738094, EPI_ISL_738095, EPI_ISL_738096, EPI_ISL_738097, EPI_ISL_738098, EPI_ISL_738099, EPI_ISL_738100, EPI_ISL_738101, EPI_ISL_738102, EPI_ISL_738103, EPI_ISL_738104, EPI_ISL_738105, EPI_ISL_738108, EPI_ISL_738109, EPI_ISL_738110, EPI_ISL_738112, EPI_ISL_738113, EPI_ISL_738114			
see above	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_738133	The Public Health Agency of Sweden	The Public Health Agency of Sweden	Oskar Karlsson Lindsjo, Maria Lind Karlberg, Anna-Malin Linde, Sofia Stamouli, Olov Svartstrom, Anna Risberg, Shaman Muradrasoli, Karin Tegmark-Wisell
EPI_ISL_738134	Department of Virology and Immunology, University of Helsinki and Helsinki University Hospital, Huslab Finland	Department of Virology, Faculty of Medicine, University of Helsinki, Helsinki, Finland	Teemu Smura, Olli Vapalahti, Maija Lappalainen, Satu Kurkela
EPI_ISL_738142	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	Jeong-Min Kim, Il-Hwan Kim, Ae Kyung Park, Namjoo Lee, Sang Hee Woo, Heui Man Kim, Eun-Jin Kim
EPI_ISL_738144	University of Bari Biomedical Sciences and Human Oncology	University of Bari Biomedical Sciences and Human Oncology	Maria Chironna, Anna Sallustio, Daniela Loconsole, Marisa Accogli
EPI_ISL_738361, EPI_ISL_738362, EPI_ISL_738363, EPI_ISL_738364, EPI_ISL_738365, EPI_ISL_738366, EPI_ISL_738367, EPI_ISL_738368, EPI_ISL_738369, EPI_ISL_738370, EPI_ISL_738371, EPI_ISL_738372, EPI_ISL_738373, EPI_ISL_738374, EPI_ISL_738375, EPI_ISL_738376, EPI_ISL_738378, EPI_ISL_738379, EPI_ISL_738380, EPI_ISL_738381, EPI_ISL_738382, EPI_ISL_738383, EPI_ISL_738384, EPI_ISL_738385, EPI_ISL_738386, EPI_ISL_738387, EPI_ISL_738388, EPI_ISL_738389, EPI_ISL_738390, EPI_ISL_738391, EPI_ISL_738392, EPI_ISL_738393, EPI_ISL_738394, EPI_ISL_738395, EPI_ISL_738396, EPI_ISL_738397, EPI_ISL_738398, EPI_ISL_738399, EPI_ISL_738400, EPI_ISL_738401, EPI_ISL_738402, EPI_ISL_738403, EPI_ISL_738404, EPI_ISL_738405, EPI_ISL_738406, EPI_ISL_738407, EPI_ISL_738408, EPI_ISL_738409, EPI_ISL_738410, EPI_ISL_738411, EPI_ISL_738412, EPI_ISL_738414, EPI_ISL_738415, EPI_ISL_738416, EPI_ISL_738418, EPI_ISL_738420, EPI_ISL_738421, EPI_ISL_738422, EPI_ISL_738423, EPI_ISL_738424, EPI_ISL_738426, EPI_ISL_738427, EPI_ISL_738428, EPI_ISL_738429, EPI_ISL_738430, EPI_ISL_738431, EPI_ISL_738432, EPI_ISL_738433, EPI_ISL_738434, EPI_ISL_738435, EPI_ISL_738437, EPI_ISL_738438, EPI_ISL_738439, EPI_ISL_738440, EPI_ISL_738441, EPI_ISL_738443, EPI_ISL_738444, EPI_ISL_738445, EPI_ISL_738446, EPI_ISL_738449, EPI_ISL_738450, EPI_ISL_738451, EPI_ISL_738452, EPI_ISL_738455, EPI_ISL_738461, EPI_ISL_738462, EPI_ISL_738464, EPI_ISL_738465, EPI_ISL_738467, EPI_ISL_738472, EPI_ISL_738474, EPI_ISL_738476, EPI_ISL_738477, EPI_ISL_738482, EPI_ISL_738483, EPI_ISL_738484, EPI_ISL_738485, EPI_ISL_738487, EPI_ISL_738488, EPI_ISL_738489, EPI_ISL_738490, EPI_ISL_738491, EPI_ISL_738494, EPI_ISL_738499			
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EPI_ISL_738712	Renegade	Chan-Zuckerberg Biohub	CZB Ciliahub Consortium
EPI_ISL_738750	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Ciliahub Consortium
EPI_ISL_738752, EPI_ISL_738758, EPI_ISL_738808, EPI_ISL_738829	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciliahub Consortium
EPI_ISL_738851	Renegade	Chan-Zuckerberg Biohub	CZB Ciliahub Consortium
EPI_ISL_738880, EPI_ISL_738939, EPI_ISL_738954	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciliahub Consortium
EPI_ISL_738967	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Ciliahub Consortium
EPI_ISL_738977	Renegade	Chan-Zuckerberg Biohub	CZB Ciliahub Consortium
EPI_ISL_738981, EPI_ISL_738989, EPI_ISL_738993	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciliahub Consortium
EPI_ISL_739040, EPI_ISL_739050, EPI_ISL_739058, EPI_ISL_739166	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Ciliahub Consortium
EPI_ISL_739182, EPI_ISL_739259	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciliahub Consortium
EPI_ISL_739370	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Ciliahub Consortium
EPI_ISL_739432, EPI_ISL_739462	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciliahub Consortium
EPI_ISL_739467	Renegade	Chan-Zuckerberg Biohub	CZB Ciliahub Consortium
EPI_ISL_739488	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciliahub Consortium
EPI_ISL_739593	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Ciliahub Consortium
EPI_ISL_739599	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciliahub Consortium
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EPI_ISL_740981, EPI_ISL_741005, EPI_ISL_741016, EPI_ISL_741017	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun, Yasmin Chaudhry, Grant Hall, Iliana Georgana, Myra Hosmillo, Martin D. Curran, Malte Pinckert, Surendra Parmar, Ian Goodfellow

EPI_ISL_741428, EPI_ISL_741429, EPI_ISL_741430	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_741488, EPI_ISL_741489, EPI_ISL_741490, EPI_ISL_741492, EPI_ISL_741535, EPI_ISL_741558, EPI_ISL_741560, EPI_ISL_741561, EPI_ISL_741564, EPI_ISL_741568, EPI_ISL_741570, EPI_ISL_741572, EPI_ISL_741573, EPI_ISL_741574, EPI_ISL_741580, EPI_ISL_741584, EPI_ISL_741586, EPI_ISL_741587, EPI_ISL_741588, EPI_ISL_741589, EPI_ISL_741590, EPI_ISL_741591, EPI_ISL_741594, EPI_ISL_741597, EPI_ISL_741599, EPI_ISL_741600, EPI_ISL_741605			
see above	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker, Gemma L. Kay, Alp Aydin, Thanh Le-Viet, Steven Rudder, Ana P. Tedim, Anastasia Kolyva, Maria Diaz, Leonardo de Oliveira Martins, Nabil-Fareed Alikhan, Lizzie Meadows, Rachael Stanley, Ngozi Elumogo, Muhammed Yasir, Nicholas M. Thomson, Alexander J Trotter, Rachel Gilroy, Samuel Bloomfield, Claire Stuart, Andrew Bell, Reenesh Prakash, Samir Dervisevic, Alison E. Mather, John Wain, Mark Webber, Andrew J. Page, Justin O'Grady
EPI_ISL_741612, EPI_ISL_741623, EPI_ISL_741624, EPI_ISL_741627, EPI_ISL_741629, EPI_ISL_741632, EPI_ISL_741639, EPI_ISL_741640, EPI_ISL_741648, EPI_ISL_741656	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Gemma Clark, Wendy Smith, Manjinder Khakh, Vicki M Fleming, Michelle M Lister, Hannah Howson-Wells, Jonathan Ball, Patrick McClure, Joseph Chappell, Theocharis Tsoleridis, Nadine Holmes, Matthew Carlisle, Christopher Moore, Fei Sang, Johnny Debebe, Victoria Wright, Matthew Loose
EPI_ISL_741675, EPI_ISL_741732	Centre for Enzyme Innovation, University of Portsmouth / Translational Research Laboratory, Portsmouth Hospitals NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Angela Beckett, Yann Bourgeois, Garry Scarlett, Sharon Glaysher, Scott Elliott, Kelly Bicknell, Robert Impey, Allyson Lloyd, Sarah Wyllie, Ethan Butcher, Anoop Chauhan, Samuel Robson
EPI_ISL_742178, EPI_ISL_742184, EPI_ISL_742186, EPI_ISL_742188, EPI_ISL_742189, EPI_ISL_742191, EPI_ISL_742192, EPI_ISL_742195, EPI_ISL_742200, EPI_ISL_742201, EPI_ISL_742203, EPI_ISL_742204, EPI_ISL_742205, EPI_ISL_742206, EPI_ISL_742207, EPI_ISL_742208, EPI_ISL_742209, EPI_ISL_742210, EPI_ISL_742212, EPI_ISL_742213, EPI_ISL_742214, EPI_ISL_742215, EPI_ISL_742216, EPI_ISL_742219, EPI_ISL_742220, EPI_ISL_742221, EPI_ISL_742223, EPI_ISL_742224, EPI_ISL_742225, EPI_ISL_742226, EPI_ISL_742227, EPI_ISL_742228, EPI_ISL_742230, EPI_ISL_742231, EPI_ISL_742232, EPI_ISL_742233, EPI_ISL_742234, EPI_ISL_742235, EPI_ISL_742237, EPI_ISL_742238, EPI_ISL_742239, EPI_ISL_742240, EPI_ISL_742242			
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EPI_ISL_742289, EPI_ISL_742298, EPI_ISL_742367, EPI_ISL_742369, EPI_ISL_742373, EPI_ISL_742380, EPI_ISL_742407, EPI_ISL_742413, EPI_ISL_742419, EPI_ISL_742427, EPI_ISL_742428, EPI_ISL_742432, EPI_ISL_742433, EPI_ISL_742435, EPI_ISL_742436, EPI_ISL_742446, EPI_ISL_742447, EPI_ISL_742448, EPI_ISL_742450, EPI_ISL_742451, EPI_ISL_742455, EPI_ISL_742456, EPI_ISL_742478, EPI_ISL_742481, EPI_ISL_742484, EPI_ISL_742493, EPI_ISL_742495, EPI_ISL_742496, EPI_ISL_742497, EPI_ISL_742501, EPI_ISL_742539, EPI_ISL_742552, EPI_ISL_742555, EPI_ISL_742560, EPI_ISL_742566, EPI_ISL_742567, EPI_ISL_742575, EPI_ISL_742578, EPI_ISL_742581, EPI_ISL_742639, EPI_ISL_742652, EPI_ISL_742655, EPI_ISL_742661, EPI_ISL_742662, EPI_ISL_742667, EPI_ISL_742682, EPI_ISL_742687, EPI_ISL_742689, EPI_ISL_742692, EPI_ISL_742698, EPI_ISL_742702, EPI_ISL_742704, EPI_ISL_742705, EPI_ISL_742710, EPI_ISL_742715, EPI_ISL_742723, EPI_ISL_742726, EPI_ISL_742732, EPI_ISL_742747, EPI_ISL_742749, EPI_ISL_742751, EPI_ISL_742754, EPI_ISL_742755, EPI_ISL_742757, EPI_ISL_742758, EPI_ISL_742761, EPI_ISL_742762, EPI_ISL_742763, EPI_ISL_742766, EPI_ISL_742769, EPI_ISL_742770, EPI_ISL_742771, EPI_ISL_742773, EPI_ISL_742774, EPI_ISL_742775, EPI_ISL_742777, EPI_ISL_742779, EPI_ISL_742781, EPI_ISL_742782, EPI_ISL_742783, EPI_ISL_742785, EPI_ISL_742787, EPI_ISL_742793, EPI_ISL_742795, EPI_ISL_742797, EPI_ISL_742799, EPI_ISL_742800, EPI_ISL_742803, EPI_ISL_742804, EPI_ISL_742805, EPI_ISL_742808, EPI_ISL_742811, EPI_ISL_742820, EPI_ISL_742825, EPI_ISL_742830, EPI_ISL_742833, EPI_ISL_742834, EPI_ISL_742848, EPI_ISL_742849, EPI_ISL_742850, EPI_ISL_742855, EPI_ISL_742857, EPI_ISL_742860, EPI_ISL_742861, EPI_ISL_742866, EPI_ISL_742879, EPI_ISL_742905, EPI_ISL_742917, EPI_ISL_742923, EPI_ISL_742927, EPI_ISL_742930, EPI_ISL_742933, EPI_ISL_742942, EPI_ISL_742943, EPI_ISL_742945, EPI_ISL_742946, EPI_ISL_742948, EPI_ISL_742957, EPI_ISL_742960, EPI_ISL_742961, EPI_ISL_742962, EPI_ISL_742969, EPI_ISL_742970, EPI_ISL_742971, EPI_ISL_742972, EPI_ISL_742973, EPI_ISL_742975, EPI_ISL_742976, EPI_ISL_742979, EPI_ISL_742980, EPI_ISL_742981, EPI_ISL_742984, EPI_ISL_742986, EPI_ISL_742992, EPI_ISL_742994, EPI_ISL_742996, EPI_ISL_743013, EPI_ISL_743018, EPI_ISL_743019, EPI_ISL_743020, EPI_ISL_743023, EPI_ISL_743031, EPI_ISL_743032, EPI_ISL_743033, EPI_ISL_743036, EPI_ISL_743041, EPI_ISL_743042, EPI_ISL_743048, EPI_ISL_743053, EPI_ISL_743054, EPI_ISL_743061, EPI_ISL_743064, EPI_ISL_743065, EPI_ISL_743067, EPI_ISL_743070, EPI_ISL_743084, EPI_ISL_743085, EPI_ISL_743088, EPI_ISL_743091, EPI_ISL_743093, EPI_ISL_743096, EPI_ISL_743099, EPI_ISL_743101, EPI_ISL_743103, EPI_ISL_743105, EPI_ISL_743109, EPI_ISL_743112, EPI_ISL_743114, EPI_ISL_743127, EPI_ISL_743140, EPI_ISL_743142, EPI_ISL_743143, EPI_ISL_743158, EPI_ISL_743164, EPI_ISL_743170, EPI_ISL_743177, EPI_ISL_743179, EPI_ISL_743193, EPI_ISL_743207, EPI_ISL_743209, EPI_ISL_743212, EPI_ISL_743213, EPI_ISL_743216, EPI_ISL_743217, EPI_ISL_743218, EPI_ISL_743222, EPI_ISL_743225, EPI_ISL_743237, EPI_ISL_743249, EPI_ISL_743260, EPI_ISL_743263, EPI_ISL_743271, EPI_ISL_743273, EPI_ISL_743279, EPI_ISL_743281, EPI_ISL_743285, EPI_ISL_743286, EPI_ISL_743287, EPI_ISL_743288, EPI_ISL_743291, EPI_ISL_743292, EPI_ISL_743296, EPI_ISL_743299, EPI_ISL_743300, EPI_ISL_743302, EPI_ISL_743304, EPI_ISL_743306, EPI_ISL_743308, EPI_ISL_743311, EPI_ISL_743314, EPI_ISL_743319, EPI_ISL_743322, EPI_ISL_743324, EPI_ISL_743325, EPI_ISL_743329, EPI_ISL_743330, EPI_ISL_743331, EPI_ISL_743333, EPI_ISL_743335, EPI_ISL_743336, EPI_ISL_743337, EPI_ISL_743340, EPI_ISL_743375, EPI_ISL_743379, EPI_ISL_743398, EPI_ISL_743412, EPI_ISL_743413, EPI_ISL_743416, EPI_ISL_743426, EPI_ISL_743427			
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All Submitters of data may be contacted directly via [www.gisaid.org](http://www.gisaid.org)

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Accession ID	Originating Laboratory	Submitting Laboratory	Authors
EPI_ISL_743447, EPI_ISL_743529, EPI_ISL_743530, EPI_ISL_743531, EPI_ISL_743532, EPI_ISL_743534, EPI_ISL_743536, EPI_ISL_743537, EPI_ISL_743539, EPI_ISL_743540, EPI_ISL_743541, EPI_ISL_743542, EPI_ISL_743547, EPI_ISL_743549, EPI_ISL_743550, EPI_ISL_743552, EPI_ISL_743553, EPI_ISL_743554, EPI_ISL_743556, EPI_ISL_743557, EPI_ISL_743560, EPI_ISL_743563, EPI_ISL_743565, EPI_ISL_743573, EPI_ISL_743588, EPI_ISL_743590, EPI_ISL_743591, EPI_ISL_743596, EPI_ISL_743597, EPI_ISL_743600, EPI_ISL_743602, EPI_ISL_743603, EPI_ISL_743661, EPI_ISL_743664, EPI_ISL_743677, EPI_ISL_743690, EPI_ISL_743694, EPI_ISL_743695, EPI_ISL_743698, EPI_ISL_743726, EPI_ISL_743762, EPI_ISL_743780, EPI_ISL_743782, EPI_ISL_743786, EPI_ISL_743789, EPI_ISL_743792, EPI_ISL_743795, EPI_ISL_743800, EPI_ISL_743805, EPI_ISL_743812, EPI_ISL_743822, EPI_ISL_743823, EPI_ISL_743826, EPI_ISL_743827, EPI_ISL_743828, EPI_ISL_743830, EPI_ISL_743834, EPI_ISL_743838, EPI_ISL_743853, EPI_ISL_743854, EPI_ISL_743855, EPI_ISL_743856, EPI_ISL_743857, EPI_ISL_743858, EPI_ISL_743861, EPI_ISL_743866, EPI_ISL_743871, EPI_ISL_743879, EPI_ISL_743883, EPI_ISL_743886, EPI_ISL_743888, EPI_ISL_743889, EPI_ISL_743904, EPI_ISL_743907, EPI_ISL_743938, EPI_ISL_743939, EPI_ISL_743968, EPI_ISL_743990, EPI_ISL_744002, EPI_ISL_744005, EPI_ISL_744006, EPI_ISL_744007, EPI_ISL_744009, EPI_ISL_744014, EPI_ISL_744015, EPI_ISL_744017, EPI_ISL_744019, EPI_ISL_744021, EPI_ISL_744025, EPI_ISL_744027, EPI_ISL_744033, EPI_ISL_744035, EPI_ISL_744045, EPI_ISL_744046, EPI_ISL_744047, EPI_ISL_744048, EPI_ISL_744055, EPI_ISL_744056, EPI_ISL_744058, EPI_ISL_744060, EPI_ISL_744062, EPI_ISL_744065, EPI_ISL_744066, EPI_ISL_744067, EPI_ISL_744068, EPI_ISL_744070, EPI_ISL_744073, EPI_ISL_744083, EPI_ISL_744085, EPI_ISL_744093, EPI_ISL_744096, EPI_ISL_744117, EPI_ISL_744118, EPI_ISL_744119, EPI_ISL_744123, EPI_ISL_744125, EPI_ISL_744127, EPI_ISL_744128, EPI_ISL_744129	Wales Specialist Virology Centre Sequencing lab: Pathogen Genomics Unit	COVID-19 Genomics UK (COG-UK) Consortium	Catherine Moore, Johnathan Evans, Laura Gifford, Malorie Perry, Simon Cottrell, Angela Marchbank, Alec Birchley, Alexander Adams, Amy Gaskin, Bree Gatica-Wilcox, Jason Coombes, Joel Southgate, Lauren Gilbert, Lee Graham, Nicole Pacchiarini, Sara Kumziene-Summerhayes, Sarah Taylor, Sophie Jones, Sara Rey, Matthew Bull, Joanne Watkins, Sally Corden, Tom Connor
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EPI_ISL_745454	DOHMH Crown Heights	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_745456	DOHMH PHL	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_745457	DOHMH Chelsea	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_745459, EPI_ISL_745460, EPI_ISL_745461, EPI_ISL_745464	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
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EPI_ISL_745466, EPI_ISL_745467	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_745468	DOHMH Riverside	New York City Public Health Laboratory	Jade Wang, et al.
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EPI_ISL_746976, EPI_ISL_746986, EPI_ISL_747020, EPI_ISL_747021, EPI_ISL_747022, EPI_ISL_747023, EPI_ISL_747024, EPI_ISL_747025, EPI_ISL_747026, EPI_ISL_747027, EPI_ISL_747028, EPI_ISL_747030, EPI_ISL_747031	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin Young, Kelly Oakeson, Tara Gallagher
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EPI_ISL_747477, EPI_ISL_747481	ULSS 5 Polesana	Istituto Zooprofilattico Sperimentale delle Venezie	Adelaide Milani, Alessia Schivo, Annalisa Salviato, Erika Giorgia Quaranta, Ambra Pastori, Bianca Zecchin, Alice Fusaro, Isabella Monne, Calogero Terregino, Antonia Ricci
EPI_ISL_747495, EPI_ISL_747496, EPI_ISL_747498, EPI_ISL_747500, EPI_ISL_747501, EPI_ISL_747502, EPI_ISL_747504, EPI_ISL_747505, EPI_ISL_747507, EPI_ISL_747509, EPI_ISL_747510, EPI_ISL_747512, EPI_ISL_747519			



EPI\_ISL\_749932, EPI\_ISL\_749933, EPI\_ISL\_749934, EPI\_ISL\_749935, EPI\_ISL\_749936, EPI\_ISL\_749937, EPI\_ISL\_749938, EPI\_ISL\_749939, EPI\_ISL\_749940, EPI\_ISL\_749941, EPI\_ISL\_749942, EPI\_ISL\_749943, EPI\_ISL\_749944, EPI\_ISL\_749945, EPI\_ISL\_749946, EPI\_ISL\_749947, EPI\_ISL\_749949, EPI\_ISL\_749950, EPI\_ISL\_749951, EPI\_ISL\_749952, EPI\_ISL\_749953, EPI\_ISL\_749955, EPI\_ISL\_749956, EPI\_ISL\_749957, EPI\_ISL\_749958, EPI\_ISL\_749959, EPI\_ISL\_749960, EPI\_ISL\_749961, EPI\_ISL\_749962, EPI\_ISL\_749963, EPI\_ISL\_749964, EPI\_ISL\_749965, EPI\_ISL\_749966, EPI\_ISL\_749967, EPI\_ISL\_749968, EPI\_ISL\_749969, EPI\_ISL\_749970, EPI\_ISL\_749971, EPI\_ISL\_749972, EPI\_ISL\_749973, EPI\_ISL\_749974, EPI\_ISL\_749975, EPI\_ISL\_749976, EPI\_ISL\_749977, EPI\_ISL\_749978, EPI\_ISL\_749979, EPI\_ISL\_749980, EPI\_ISL\_749981, EPI\_ISL\_749982, EPI\_ISL\_749983, EPI\_ISL\_749984, EPI\_ISL\_749985, EPI\_ISL\_749986, EPI\_ISL\_749987, EPI\_ISL\_749988, EPI\_ISL\_749989, EPI\_ISL\_749990, EPI\_ISL\_749991, EPI\_ISL\_749992, EPI\_ISL\_749993, EPI\_ISL\_749994, EPI\_ISL\_749995, EPI\_ISL\_749996, EPI\_ISL\_749997, EPI\_ISL\_749998, EPI\_ISL\_750000, EPI\_ISL\_750001, EPI\_ISL\_750002, EPI\_ISL\_750003, EPI\_ISL\_750004, EPI\_ISL\_750005, EPI\_ISL\_750006, EPI\_ISL\_750007, EPI\_ISL\_750008, EPI\_ISL\_750009, EPI\_ISL\_750010, EPI\_ISL\_750011, EPI\_ISL\_750012, EPI\_ISL\_750013, EPI\_ISL\_750014, EPI\_ISL\_750015, EPI\_ISL\_750016, EPI\_ISL\_750017, EPI\_ISL\_750018, EPI\_ISL\_750019, EPI\_ISL\_750020, EPI\_ISL\_750021, EPI\_ISL\_750022, EPI\_ISL\_750023, EPI\_ISL\_750024, EPI\_ISL\_750025, EPI\_ISL\_750026, EPI\_ISL\_750027, EPI\_ISL\_750029, EPI\_ISL\_750030, EPI\_ISL\_750031, EPI\_ISL\_750032, EPI\_ISL\_750033, EPI\_ISL\_750034, EPI\_ISL\_750035, EPI\_ISL\_750036, EPI\_ISL\_750037, EPI\_ISL\_750038, EPI\_ISL\_750039, EPI\_ISL\_750040, EPI\_ISL\_750041, EPI\_ISL\_750042, EPI\_ISL\_750043, EPI\_ISL\_750044, EPI\_ISL\_750045, EPI\_ISL\_750046, EPI\_ISL\_750048, EPI\_ISL\_750049, EPI\_ISL\_750050, EPI\_ISL\_750051, EPI\_ISL\_750052, EPI\_ISL\_750053, EPI\_ISL\_750054, EPI\_ISL\_750055, EPI\_ISL\_750056, EPI\_ISL\_750057, EPI\_ISL\_750058, EPI\_ISL\_750059, EPI\_ISL\_750060, EPI\_ISL\_750061, EPI\_ISL\_750062, EPI\_ISL\_750063, EPI\_ISL\_750064, EPI\_ISL\_750065, EPI\_ISL\_750066, EPI\_ISL\_750067, EPI\_ISL\_750068, EPI\_ISL\_750069, EPI\_ISL\_750070, EPI\_ISL\_750071, EPI\_ISL\_750072, EPI\_ISL\_750073, EPI\_ISL\_750074, EPI\_ISL\_750075, EPI\_ISL\_750076, EPI\_ISL\_750077, EPI\_ISL\_750078, EPI\_ISL\_750079, EPI\_ISL\_750080, EPI\_ISL\_750081, EPI\_ISL\_750082, EPI\_ISL\_750083, EPI\_ISL\_750084, EPI\_ISL\_750085, EPI\_ISL\_750086, EPI\_ISL\_750087, EPI\_ISL\_750088, EPI\_ISL\_750089, EPI\_ISL\_750090, EPI\_ISL\_750091, EPI\_ISL\_750092, EPI\_ISL\_750093, EPI\_ISL\_750094, EPI\_ISL\_750095, EPI\_ISL\_750096, EPI\_ISL\_750097, EPI\_ISL\_750098, EPI\_ISL\_750099, EPI\_ISL\_750100, EPI\_ISL\_750101, EPI\_ISL\_750102, EPI\_ISL\_750103, EPI\_ISL\_750104, EPI\_ISL\_750105, EPI\_ISL\_750106, EPI\_ISL\_750107, EPI\_ISL\_750108, EPI\_ISL\_750109, EPI\_ISL\_750110, EPI\_ISL\_750111, EPI\_ISL\_750112, EPI\_ISL\_750113, EPI\_ISL\_750114, EPI\_ISL\_750115, EPI\_ISL\_750116, EPI\_ISL\_750117, EPI\_ISL\_750118, EPI\_ISL\_750119, EPI\_ISL\_750120, EPI\_ISL\_750121, EPI\_ISL\_750122, EPI\_ISL\_750123, EPI\_ISL\_750124, EPI\_ISL\_750125, EPI\_ISL\_750126, EPI\_ISL\_750127, EPI\_ISL\_750128, EPI\_ISL\_750129, EPI\_ISL\_750130, EPI\_ISL\_750131, EPI\_ISL\_750132, EPI\_ISL\_750133, EPI\_ISL\_750134, EPI\_ISL\_750135, EPI\_ISL\_750136, EPI\_ISL\_750137, EPI\_ISL\_750138, EPI\_ISL\_750139, EPI\_ISL\_750140, EPI\_ISL\_750141, EPI\_ISL\_750142, EPI\_ISL\_750143, EPI\_ISL\_750144, EPI\_ISL\_750145, EPI\_ISL\_750146, EPI\_ISL\_750147, EPI\_ISL\_750148, EPI\_ISL\_750149, EPI\_ISL\_750150, EPI\_ISL\_750151, EPI\_ISL\_750152, EPI\_ISL\_750153, EPI\_ISL\_750154, EPI\_ISL\_750155, EPI\_ISL\_750156, EPI\_ISL\_750157, EPI\_ISL\_750158, EPI\_ISL\_750159, EPI\_ISL\_750160, EPI\_ISL\_750161, EPI\_ISL\_750162, EPI\_ISL\_750163, EPI\_ISL\_750164, EPI\_ISL\_750165, EPI\_ISL\_750166, EPI\_ISL\_750167, EPI\_ISL\_750168, EPI\_ISL\_750169, EPI\_ISL\_750170, EPI\_ISL\_750171, EPI\_ISL\_750172, EPI\_ISL\_750173, EPI\_ISL\_750174, EPI\_ISL\_750175, EPI\_ISL\_750176, EPI\_ISL\_750177, EPI\_ISL\_750178, EPI\_ISL\_750179, EPI\_ISL\_750180, EPI\_ISL\_750181, EPI\_ISL\_750182, EPI\_ISL\_750183

see above	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertyn Lab, Department of Chemistry and Bioscience, Aalborg University, Denmark	Danish Covid-19 Genome Consortium
EPI_ISL_751192	Limmattal Hospital	Institute of Medical Virology, University of Zurich	Stefan Schmutz, Kevin Steiner, Verena Kufner, Maryam Zaheri, Gabriela Ziltener, Jürg Böni, Michael Huber, Alexandra Trkola, Roberto Buonamano
EPI_ISL_751196, EPI_ISL_751197, EPI_ISL_751199, EPI_ISL_751200	Dienststelle Gesundheit und Sport Kanton Luzern	Institute of Medical Virology, University of Zurich	Stefan Schmutz, Kevin Steiner, Verena Kufner, Maryam Zaheri, Gabriela Ziltener, Jürg Böni, Michael Huber, Alexandra Trkola, Claudia Schmutz, Eva Spieler
EPI_ISL_751555	WY Public Health Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751557	NV State Public Health Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751570	KY State Public Health Lab	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751589	WVDHHR - Office of Laboratory Services	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751591	WY Public Health Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751596	KY State Public Health Lab	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751600	IN State Department of Health Laboratory Services	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751611	SC Dept of Health and Env. Control-Bureau of Laboratories	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong

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Prevention			
EPI_ISL_751714	NV State Public Health Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751718	SC Dept of Health and Env. Control-Bureau of Laboratories	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751722	LA Office of Public Health Laboratories	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751728	CO Dept. of Public Health and Environment, Lab Services Division	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751736	NV State Public Health Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751738	MT Public Health Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751743	WY Public Health Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751746	WVDHHR - Office of Laboratory Services	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751749	TX DSHS, Lab Services Section MC 1947	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751751	RI State Health Laboratories	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751754	KY State Public Health Lab	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751757	RI State Health Laboratories	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751763, EPI_ISL_751766	CO Dept. of Public Health and Environment, Lab Services Division	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751771	MD DOH Laboratories Administration	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751773	NJ Public Health and Environmental Laboratories	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751778	NV State Public Health Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751785, EPI_ISL_751786	WVDHHR - Office of Laboratory Services	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751790	RI State Health Laboratories	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751805, EPI_ISL_751806, EPI_ISL_751807, EPI_ISL_751808, EPI_ISL_751810, EPI_ISL_751811, EPI_ISL_751812, EPI_ISL_751813, EPI_ISL_751814, EPI_ISL_751816, EPI_ISL_751817, EPI_ISL_751818, EPI_ISL_751819, EPI_ISL_751820, EPI_ISL_751822, EPI_ISL_751823, EPI_ISL_751824, EPI_ISL_751828, EPI_ISL_751832, EPI_ISL_751833, EPI_ISL_751834, EPI_ISL_751838, EPI_ISL_751840, EPI_ISL_751841, EPI_ISL_751842, EPI_ISL_751843, EPI_ISL_751844, EPI_ISL_751845, EPI_ISL_751846			
see above	New Mexico Department of Health Scientific Laboratory	New Mexico Department of Health Scientific Laboratory	D'eldra Malone, Ellie Johnson, Anastacia Griego-Fisher
EPI_ISL_752598	SA Pathology	SA Pathology	Lex Leong, Julien Soubrier, Chuan Kok Lim, Song Gao, Mark Turra, Karin Kassahn, Ivan Bastian, Geoff Higgins
EPI_ISL_753178, EPI_ISL_753179, EPI_ISL_753180, EPI_ISL_753181, EPI_ISL_753182, EPI_ISL_753183, EPI_ISL_753184, EPI_ISL_753185, EPI_ISL_753186, EPI_ISL_753187, EPI_ISL_753188, EPI_ISL_753189, EPI_ISL_753190, EPI_ISL_753191, EPI_ISL_753202, EPI_ISL_753203, EPI_ISL_753205, EPI_ISL_753206, EPI_ISL_753207, EPI_ISL_753208, EPI_ISL_753209, EPI_ISL_753211, EPI_ISL_753212, EPI_ISL_753216, EPI_ISL_753217, EPI_ISL_753219, EPI_ISL_753225, EPI_ISL_753226, EPI_ISL_753228, EPI_ISL_753229, EPI_ISL_753230, EPI_ISL_753231, EPI_ISL_753232, EPI_ISL_753233, EPI_ISL_753236, EPI_ISL_753237, EPI_ISL_753238, EPI_ISL_753239, EPI_ISL_753241, EPI_ISL_753242, EPI_ISL_753243, EPI_ISL_753244, EPI_ISL_753246, EPI_ISL_753248, EPI_ISL_753249, EPI_ISL_753251, EPI_ISL_753252, EPI_ISL_753253, EPI_ISL_753254, EPI_ISL_753255, EPI_ISL_753256, EPI_ISL_753257, EPI_ISL_753258, EPI_ISL_753259, EPI_ISL_753260, EPI_ISL_753261			
see above	State Laboratories Division, Hawaii State Department of Health	State Laboratories Division, Hawaii State Department of Health	Pamela O'Brien, Sabrina Diemert, Drew Kuwazaki, Razvan Sultana, Edward Desmond
EPI_ISL_753559, EPI_ISL_753561, EPI_ISL_753562, EPI_ISL_753563, EPI_ISL_753565, EPI_ISL_753566, EPI_ISL_753567, EPI_ISL_753568, EPI_ISL_753569, EPI_ISL_753570, EPI_ISL_753571, EPI_ISL_753572, EPI_ISL_753573, EPI_ISL_753574, EPI_ISL_753575, EPI_ISL_753576, EPI_ISL_753577, EPI_ISL_753578, EPI_ISL_753579, EPI_ISL_753580, EPI_ISL_753581, EPI_ISL_753582, EPI_ISL_753583, EPI_ISL_753584, EPI_ISL_753585, EPI_ISL_753586, EPI_ISL_753587, EPI_ISL_753588, EPI_ISL_753589, EPI_ISL_753590, EPI_ISL_753591, EPI_ISL_753592, EPI_ISL_753593, EPI_ISL_753594, EPI_ISL_753595, EPI_ISL_753596, EPI_ISL_753597, EPI_ISL_753598, EPI_ISL_753599, EPI_ISL_753600, EPI_ISL_753601, EPI_ISL_753602, EPI_ISL_753603, EPI_ISL_753604, EPI_ISL_753605, EPI_ISL_753606, EPI_ISL_753607, EPI_ISL_753608, EPI_ISL_753609, EPI_ISL_753610, EPI_ISL_753611, EPI_ISL_753612, EPI_ISL_753613, EPI_ISL_753614, EPI_ISL_753615, EPI_ISL_753616, EPI_ISL_753617, EPI_ISL_753618, EPI_ISL_753619, EPI_ISL_753620, EPI_ISL_753621, EPI_ISL_753622, EPI_ISL_753623, EPI_ISL_753624, EPI_ISL_753625, EPI_ISL_753626, EPI_ISL_753628, EPI_ISL_753629, EPI_ISL_753630, EPI_ISL_753631, EPI_ISL_753632, EPI_ISL_753633, EPI_ISL_753635, EPI_ISL_753636, EPI_ISL_753637, EPI_ISL_753638, EPI_ISL_753639, EPI_ISL_753640, EPI_ISL_753641, EPI_ISL_753642, EPI_ISL_753653, EPI_ISL_753654, EPI_ISL_753655, EPI_ISL_753656, EPI_ISL_753657, EPI_ISL_753658, EPI_ISL_753659, EPI_ISL_753660, EPI_ISL_753661, EPI_ISL_753662, EPI_ISL_753663, EPI_ISL_753664, EPI_ISL_753665, EPI_ISL_753666, EPI_ISL_753667, EPI_ISL_753668, EPI_ISL_753669, EPI_ISL_753670, EPI_ISL_753671, EPI_ISL_753672, EPI_ISL_753673, EPI_ISL_753674, EPI_ISL_753675, EPI_ISL_753676, EPI_ISL_753677, EPI_ISL_753678, EPI_ISL_753679, EPI_ISL_753681, EPI_ISL_753682, EPI_ISL_753683, EPI_ISL_753684, EPI_ISL_753685, EPI_ISL_753686, EPI_ISL_753687, EPI_ISL_753688, EPI_ISL_753689, EPI_ISL_753690, EPI_ISL_753691, EPI_ISL_753692			
see above	Clinical virology Laboratory, Children's Hospital Los Angeles	Center for Personalized Medicine, Children's Hospital Los Angeles	Gai et al

EPI_ISL_754059	Specialized Lab for COVID-19 Detection, Department of Genetic Engineering and Biotechnology	Specialized Lab for COVID-19 Detection, Department of Genetic Engineering and Biotechnology	Md. Nazmul Hasan, Md. Akkas Ali, Shamsul H. Prodhan, Hammadul Hoque , Nurnabi Azad Jewel, Md Mohsin Bapary, Diptha Chakraborty
EPI_ISL_754110, EPI_ISL_754111, EPI_ISL_754113, EPI_ISL_754120, EPI_ISL_754123	UCLA Clinical Micro Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_754124, EPI_ISL_754127	USC Clinical Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_754130, EPI_ISL_754131	Los Angeles County PHL	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_754133, EPI_ISL_754135	USC Clinical Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_754142, EPI_ISL_754147, EPI_ISL_754148, EPI_ISL_754149, EPI_ISL_754150, EPI_ISL_754151, EPI_ISL_754158, EPI_ISL_754159, EPI_ISL_754160, EPI_ISL_754163, EPI_ISL_754164, EPI_ISL_754165, EPI_ISL_754166, EPI_ISL_754167, EPI_ISL_754168, EPI_ISL_754170, EPI_ISL_754171, EPI_ISL_754172			
see above	Laboratoire de Microbiologie	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, Marie-Sarah Fangous
EPI_ISL_754175	Charité Universitätsmedizin Berlin, Institut für Virologie	Charité Universitätsmedizin Berlin, Institut für Virologie	Victor M Corman, Julia Schneider, Jörn Beheim-Schwarzbach, Barbara Mühlemann, Talitha Veith, Terry Jones, Christian Drosten
EPI_ISL_754249, EPI_ISL_754251, EPI_ISL_754252, EPI_ISL_754258, EPI_ISL_754260, EPI_ISL_754262, EPI_ISL_754267, EPI_ISL_754268, EPI_ISL_754269, EPI_ISL_754271, EPI_ISL_754273, EPI_ISL_754275, EPI_ISL_754277, EPI_ISL_754281, EPI_ISL_754282, EPI_ISL_754283, EPI_ISL_754284, EPI_ISL_754285, EPI_ISL_754291, EPI_ISL_754293, EPI_ISL_754310, EPI_ISL_754311, EPI_ISL_754324, EPI_ISL_754341, EPI_ISL_754350, EPI_ISL_754351, EPI_ISL_754355, EPI_ISL_754359, EPI_ISL_754363, EPI_ISL_754366, EPI_ISL_754370, EPI_ISL_754371, EPI_ISL_754372, EPI_ISL_754373, EPI_ISL_754374, EPI_ISL_754381, EPI_ISL_754387			
see above	Respiratory Virus Unit, National Infection Service, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team
EPI_ISL_754412, EPI_ISL_754414, EPI_ISL_754415, EPI_ISL_754419, EPI_ISL_754420, EPI_ISL_754423, EPI_ISL_754424, EPI_ISL_754426, EPI_ISL_754436, EPI_ISL_754438, EPI_ISL_754441, EPI_ISL_754448, EPI_ISL_754450, EPI_ISL_754458, EPI_ISL_754461, EPI_ISL_754462, EPI_ISL_754464, EPI_ISL_754465, EPI_ISL_754466, EPI_ISL_754469, EPI_ISL_754470, EPI_ISL_754471, EPI_ISL_754474, EPI_ISL_754476, EPI_ISL_754551, EPI_ISL_754554, EPI_ISL_754555, EPI_ISL_754557, EPI_ISL_754558, EPI_ISL_754559, EPI_ISL_754561, EPI_ISL_754563, EPI_ISL_754565, EPI_ISL_754570, EPI_ISL_754571, EPI_ISL_754573			
see above	Wadsworth Center, New York State Department of Health	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, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_754623, EPI_ISL_754629, EPI_ISL_754630, EPI_ISL_754632, EPI_ISL_754634, EPI_ISL_754638, EPI_ISL_754639, EPI_ISL_754640, EPI_ISL_754642, EPI_ISL_754644, EPI_ISL_754645, EPI_ISL_754650, EPI_ISL_754651, EPI_ISL_754655, EPI_ISL_754656, EPI_ISL_754658, EPI_ISL_754661, EPI_ISL_754662, EPI_ISL_754663, EPI_ISL_754664, EPI_ISL_754666, EPI_ISL_754670, EPI_ISL_754671, EPI_ISL_754674, EPI_ISL_754675			
see above	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_754775	Emory Molecular Diagnostics Laboratory, Emory Healthcare	Piantadosi Lab, Emory Department of Pathology	Ahmed Babiker, Anne Piantadosi
EPI_ISL_754847	Korian Villa d'Azon	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf
EPI_ISL_754849, EPI_ISL_754851, EPI_ISL_754852	Laboratoire de Virologie Hôpital Robert Debré	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, Andreoletti Laurent
EPI_ISL_755148, EPI_ISL_755150, EPI_ISL_755153, EPI_ISL_755158, EPI_ISL_755176, EPI_ISL_755177, EPI_ISL_755186, EPI_ISL_755195	UCSD EXCITE lab	Andersen lab at Scripps Research	SEARCH Alliance San Diego
EPI_ISL_755441, EPI_ISL_755443, EPI_ISL_755490, EPI_ISL_755491, EPI_ISL_755492, EPI_ISL_755493, EPI_ISL_755494, EPI_ISL_755495, EPI_ISL_755496, EPI_ISL_755498, EPI_ISL_755500, EPI_ISL_755503, EPI_ISL_755507, EPI_ISL_755508, EPI_ISL_755511, EPI_ISL_755512, EPI_ISL_755513, EPI_ISL_755514, EPI_ISL_755519, EPI_ISL_755520, EPI_ISL_755522, EPI_ISL_755525, EPI_ISL_755526, EPI_ISL_755527, EPI_ISL_755529, EPI_ISL_755530, EPI_ISL_755531, EPI_ISL_755533, EPI_ISL_755535, EPI_ISL_755536, EPI_ISL_755537, EPI_ISL_755538, EPI_ISL_755539, EPI_ISL_755540, EPI_ISL_755541, EPI_ISL_755543, EPI_ISL_755544, EPI_ISL_755546, EPI_ISL_755547, EPI_ISL_755549, EPI_ISL_755551, EPI_ISL_755553, EPI_ISL_755556, EPI_ISL_755557, EPI_ISL_755558, EPI_ISL_755559, EPI_ISL_755560, EPI_ISL_755561, EPI_ISL_755562, EPI_ISL_755565, EPI_ISL_755567			
see above	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_755568, EPI_ISL_755570, EPI_ISL_755571	SA Pathology	SA Pathology	Lex Leong, Julien Soubrier, Chuan Kok Lim, Song Gao, Mark Turra, Karin Kassahn, Ivan Bastian, Geoff Higgins
EPI_ISL_755572, EPI_ISL_755573, EPI_ISL_755574	Center of Advanced Studies and Technology, CAST	Center of Advanced Studies and Technology, CAST	Ferrante,R., Mandatori,D., De Fabritiis,S.
EPI_ISL_755589	Laboratoire national de santé, Microbiology, Virology	Laboratoire national de santé, Microbiology, Microbial Genomics Platform	Anke Wienecke-Baldacchino, Catherine Ragimbeau,Jessica Tapp, Fatu Djabi, Lise Pignon, Raoul Salmon, Tamir Abdelrahman
EPI_ISL_755600, EPI_ISL_755605	Helix/Illumina	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dhvani Batra, 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_755630, EPI_ISL_755632, EPI_ISL_755633	LabPLUS	Institute of Environmental Science and Research (ESR)	Xiaoyun Ren, Matt Storey, Muhammad Faisal, Jing Wang, Hermes Perez, Anja Werno, Antje van der Linden, Arlo Upton, Chris Mansell, David Hammer, Dragana Drinkovic, Gary McAuliffe, Hana Sofia Andersson, James Ussher, Jill Sherwood, Josh Freeman, Julia Howard, Juliet Elvy, Mary DeAlmeida, Matt Blakiston, Matthew Rogers, Max Bloomfield, Michael Addidle, Michelle Balm, Sally Roberts, Sarah Jefferies, Sharmini Muttaiyah, Susan Morpeth, Susan Taylor, Timothy Blackmore, Vani Sathyendran, Veronica Playle, Virginia Hope, Erasmus Smit, Lauren Jelly, Olin Silander, Joep de Ligt
EPI_ISL_755639	Bundeswehr Institute of Microbiology	Bundeswehr Institute of Microbiology	Malena Bestehorn-Willmann, Mathias Walter, Christina Bugert, Joachim Bugert, Roman Wölfel, Markus Antwerpen
EPI_ISL_755641	Instituto Adolfo Lutz - Regional de Santo Andre	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_755644, EPI_ISL_755645	Lab LOC - Itapeperica da Serra	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_755648	Instituto Adolfo Lutz - Regional de Taubate	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_755649	Instituto Adolfo Lutz - Regional de Santo Andre	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_755650	Instituto Adolfo Lutz - Regional de Taubate	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_755651, EPI_ISL_755653, EPI_ISL_755654	Instituto Adolfo Lutz - Central	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_755655	Instituto Adolfo Lutz - Regional de Campinas	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_755803, EPI_ISL_755804	Toronto Invasive Bacterial Diseases Network	McMaster University	Allison McGeer, Patryk Aftanas, Hooman Derakhshani, Angel Li, Kuganya Nirmalarajah, Emily Panousis, Ahmed Draia, Jalees Nasir, Michael Surette, Samira Mubareka, Andrew G. McArthur
EPI_ISL_756142, EPI_ISL_756147, EPI_ISL_756151	Respiratory Virus Unit, National Infection Service, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team

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see above	Dutch COVID-19 response team	Erasmus Medical Center	Bas Oude Munnink, Reina Sikkema, David Nieuwenhuijse, Irina Chestakova, Anne van der Linden, Marjan Boter, Emmanuelle Munger, Corine GeurtsvanKessel, Annemiek van der Eijk, Richard Molenkamp, Marion Koopmans, on behalf of the Dutch national COVID-19 response team.
EPI_ISL_763829, EPI_ISL_763835	Centre for Enzyme Innovation, University of Portsmouth / Translational Research Laboratory, Portsmouth Hospitals NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Angela Beckett, Yann Bourgeois, Garry Scarlett, Sharon Glaysheer, Scott Elliott, Kelly Bicknell, Robert Impey, Allyson Lloyd, Sarah Wyllie, Ethan Butcher, Anoop Chauhan, Samuel Robson
EPI_ISL_763841, EPI_ISL_763844, EPI_ISL_763845, EPI_ISL_763846	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik, David Bonsall, George Macintyre, Amy Trebes, Mariateresa de Cesare, Catrin Moore, Alex Mobbs, Anita Justice, Robert Shaw, Monique Andersson, Timothy Peto, Emma Wise, Nathan Moore, Jessica Lynch, Nick Cortes, Matilde Mori, Stephen Kidd, David Buck, John Todd, Christophe Fraser
EPI_ISL_763853	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_763855, EPI_ISL_763857	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Gemma Clark, Wendy Smith, Manjinder Khakh, Vicki M Fleming, Michelle M Lister, Hannah Howson-Wells, Jonathan Ball, Patrick McClure, Joseph Chappell, Theocharis Tsoleiridis, Nadine Holmes, Matthew Carlisle, Christopher Moore, Fei Sang, Johnny Debebe, Victoria Wright, Matthew Loose
EPI_ISL_763859, EPI_ISL_763860, EPI_ISL_763861, EPI_ISL_763862, EPI_ISL_763863	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik, David Bonsall, George Macintyre, Amy Trebes, Mariateresa de Cesare, Catrin Moore, Alex Mobbs, Anita Justice, Robert Shaw, Monique Andersson, Timothy Peto, Emma Wise, Nathan Moore, Jessica Lynch, Nick Cortes, Matilde Mori, Stephen Kidd, David Buck, John Todd, Christophe Fraser
EPI_ISL_763875, EPI_ISL_763876, EPI_ISL_763883, EPI_ISL_763886, EPI_ISL_763887, EPI_ISL_763888, EPI_ISL_763889	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun, Yasmin Chaudhry, Grant Hall, Iliana Georgana, Myra Hosmillo, Martin D. Curran, Malte Pinckert, Surendra Parmar, Ian Goodfellow
EPI_ISL_763892, EPI_ISL_763893, EPI_ISL_763894, EPI_ISL_763895, EPI_ISL_763896, EPI_ISL_763897, EPI_ISL_763898, EPI_ISL_763899, EPI_ISL_763900, EPI_ISL_763902, EPI_ISL_763903, EPI_ISL_763904, EPI_ISL_763905, EPI_ISL_763906			
see above	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian / School of Biological Sciences, University of Edinburgh / Institute of Genetics and Molecular Medicine, University of Edinburgh	COVID-19 Genomics UK (COG-UK) Consortium	McHugh M, Dewar R, Rooke S, Gallagher M, Balcaza C, O'Toole Á, Scher E, Hill V, McCrone JT, Colquhoun R, Yu X, Jackson B, Rambaut A, Williams TC, Templeton K
EPI_ISL_763907	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_763912, EPI_ISL_763914, EPI_ISL_763918, EPI_ISL_763920, EPI_ISL_763921, EPI_ISL_763922	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_763926	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Gemma Clark, Wendy Smith, Manjinder Khakh, Vicki M Fleming, Michelle M Lister, Hannah Howson-Wells, Jonathan Ball, Patrick McClure, Joseph Chappell, Theocharis Tsoleiridis, Nadine Holmes, Matthew Carlisle, Christopher Moore, Fei Sang, Johnny Debebe, Victoria Wright, Matthew Loose
EPI_ISL_763928, EPI_ISL_763929, EPI_ISL_763932, EPI_ISL_763933, EPI_ISL_763934, EPI_ISL_763935, EPI_ISL_763937, EPI_ISL_763938, EPI_ISL_763939, EPI_ISL_763940, EPI_ISL_763941, EPI_ISL_763943, EPI_ISL_763944, EPI_ISL_763945, EPI_ISL_763947, EPI_ISL_763948, EPI_ISL_763949, EPI_ISL_763950, EPI_ISL_763951, EPI_ISL_763952, EPI_ISL_763953, EPI_ISL_763954, EPI_ISL_763955, EPI_ISL_763956, EPI_ISL_763957, EPI_ISL_763958, EPI_ISL_763959, EPI_ISL_763960, EPI_ISL_763961, EPI_ISL_763962, EPI_ISL_763963, EPI_ISL_763964, EPI_ISL_763965, EPI_ISL_763966, EPI_ISL_763967, EPI_ISL_763968,			
see above	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik, David Bonsall, George Macintyre, Amy Trebes, Mariateresa de Cesare, Catrin Moore, Alex Mobbs, Anita Justice, Robert Shaw, Monique Andersson, Timothy Peto, Emma Wise, Nathan Moore, Jessica Lynch, Nick Cortes, Matilde Mori, Stephen Kidd, David Buck, John Todd, Christophe Fraser
EPI_ISL_763980, EPI_ISL_763984, EPI_ISL_763985, EPI_ISL_763986, EPI_ISL_763987, EPI_ISL_763989, EPI_ISL_763990, EPI_ISL_763991, EPI_ISL_763994, EPI_ISL_763995, EPI_ISL_763996, EPI_ISL_763997, EPI_ISL_763998, EPI_ISL_763999, EPI_ISL_764000, EPI_ISL_764001, EPI_ISL_764002, EPI_ISL_764003, EPI_ISL_764004, EPI_ISL_764005			
see above	Wales Specialist Virology Centre Sequencing lab: Pathogen Genomics Unit	COVID-19 Genomics UK (COG-UK) Consortium	Catherine Moore, Johnathan Evans, Laura Gifford, Malorie Perry, Simon Cottrell, Angela Marchbank, Alec Birchley, Alexander Adams, Amy Gaskin, Bree Gatica-Wilcox, Jason Coombes, Joel Southgate, Lauren Gilbert, Lee Graham, Nicole Pacchiarini, Sara Kumziene-Summerhayes, Sarah Taylor, Sophie Jones, Sara Rey, Matthew Bull, Joanne Watkins, Sally Corden, Tom Connor
EPI_ISL_764009, EPI_ISL_764010, EPI_ISL_764011, EPI_ISL_764012, EPI_ISL_764013, EPI_ISL_764022	Centre for Enzyme Innovation, University of Portsmouth / Translational Research Laboratory, Portsmouth Hospitals NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Angela Beckett, Yann Bourgeois, Garry Scarlett, Sharon Glaysheer, Scott Elliott, Kelly Bicknell, Robert Impey, Allyson Lloyd, Sarah Wyllie, Ethan Butcher, Anoop Chauhan, Samuel Robson
EPI_ISL_764033	Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield	COVID-19 Genomics UK (COG-UK) Consortium	Thushan de Silva, Matthew Parker, Nikki Smith, Adri Agyal, Rebecca Brown, Luke Green, Rachel Tucker, Paul Parsons, Danielle Groves, Katie Johnson, Laura Carrilero, Alex Keeley, Dave Partridge, Matthew Wyles, Benjamin Lindsey, Mehmet Yavuz, Mohammad Raza, Cariad Evans
EPI_ISL_764069, EPI_ISL_764071, EPI_ISL_764072, EPI_ISL_764073, EPI_ISL_764074	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian / School of Biological Sciences, University of Edinburgh / Institute of Genetics and Molecular Medicine, University of Edinburgh	COVID-19 Genomics UK (COG-UK) Consortium	McHugh M, Dewar R, Rooke S, Gallagher M, Balcaza C, O'Toole Á, Scher E, Hill V, McCrone JT, Colquhoun R, Yu X, Jackson B, Rambaut A, Williams TC, Templeton K
EPI_ISL_764077, EPI_ISL_764078, EPI_ISL_764079	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik, David Bonsall, George Macintyre, Amy Trebes, Mariateresa de Cesare, Catrin Moore, Alex Mobbs, Anita Justice, Robert Shaw, Monique Andersson, Timothy Peto, Emma Wise, Nathan Moore, Jessica Lynch, Nick Cortes, Matilde Mori, Stephen Kidd, David Buck, John Todd, Christophe Fraser
EPI_ISL_764083	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian / School of Biological Sciences, University of Edinburgh / Institute of Genetics and Molecular Medicine, University of Edinburgh	COVID-19 Genomics UK (COG-UK) Consortium	McHugh M, Dewar R, Rooke S, Gallagher M, Balcaza C, O'Toole Á, Scher E, Hill V, McCrone JT, Colquhoun R, Yu X, Jackson B, Rambaut A, Williams TC, Templeton K
EPI_ISL_764085, EPI_ISL_764087, EPI_ISL_764088, EPI_ISL_764089, EPI_ISL_764090, EPI_ISL_764092, EPI_ISL_764093	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik, David Bonsall, George Macintyre, Amy Trebes, Mariateresa de Cesare, Catrin Moore, Alex Mobbs, Anita Justice, Robert Shaw, Monique Andersson, Timothy Peto, Emma Wise, Nathan Moore, Jessica Lynch, Nick Cortes, Matilde Mori, Stephen Kidd, David Buck, John Todd, Christophe Fraser
EPI_ISL_764105	Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield	COVID-19 Genomics UK (COG-UK) Consortium	Thushan de Silva, Matthew Parker, Nikki Smith, Adri Agyal, Rebecca Brown, Luke Green, Rachel Tucker, Paul Parsons, Danielle Groves, Katie Johnson, Laura Carrilero, Alex Keeley, Dave Partridge, Matthew Wyles, Benjamin Lindsey, Mehmet Yavuz, Mohammad Raza, Cariad Evans
EPI_ISL_764113, EPI_ISL_764115	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_764117	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik, David Bonsall, George Macintyre, Amy Trebes, Mariateresa de Cesare, Catrin Moore, Alex Mobbs, Anita Justice, Robert Shaw, Monique Andersson, Timothy Peto, Emma Wise, Nathan Moore, Jessica Lynch, Nick Cortes, Matilde Mori, Stephen Kidd, David Buck, John Todd, Christophe Fraser
EPI_ISL_764123	Centre for Enzyme Innovation, University of Portsmouth / Translational Research Laboratory, Portsmouth Hospitals NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Angela Beckett, Yann Bourgeois, Garry Scarlett, Sharon Glaysheer, Scott Elliott, Kelly Bicknell, Robert Impey, Allyson Lloyd, Sarah Wyllie, Ethan Butcher, Anoop Chauhan, Samuel Robson



EPI_ISL_766006, EPI_ISL_766013			
EPI_ISL_766016, EPI_ISL_766017, EPI_ISL_766018, EPI_ISL_766019, EPI_ISL_766020, EPI_ISL_766021, EPI_ISL_766022, EPI_ISL_766023, EPI_ISL_766024, EPI_ISL_766025, EPI_ISL_766026, EPI_ISL_766027			
see above	Department of Virology and Immunology, University of Helsinki and Helsinki University Hospital, Huslab Finland	Department of Virology, Faculty of Medicine, University of Helsinki, Helsinki, Finland	Teemu Smura, Olli Vapalahti, Maija Lappalainen, Satu Kurkela
EPI_ISL_766120, EPI_ISL_766125, EPI_ISL_766127, EPI_ISL_766136, EPI_ISL_766137, EPI_ISL_766143, EPI_ISL_766147, EPI_ISL_766148, EPI_ISL_766150, EPI_ISL_766154, EPI_ISL_766156, EPI_ISL_766158, EPI_ISL_766159, EPI_ISL_766160, EPI_ISL_766161, EPI_ISL_766162, EPI_ISL_766165, EPI_ISL_766169, EPI_ISL_766170, EPI_ISL_766173, EPI_ISL_766176, EPI_ISL_766181, EPI_ISL_766182, EPI_ISL_766183, EPI_ISL_766184, EPI_ISL_766185, EPI_ISL_766195, EPI_ISL_766200, EPI_ISL_766201, EPI_ISL_766204, EPI_ISL_766207, EPI_ISL_766209, EPI_ISL_766214, EPI_ISL_766216, EPI_ISL_766218, EPI_ISL_766220, EPI_ISL_766226, EPI_ISL_766229, EPI_ISL_766248, EPI_ISL_766249, EPI_ISL_766258, EPI_ISL_766298, EPI_ISL_766301, EPI_ISL_766310, EPI_ISL_766312, EPI_ISL_766317, EPI_ISL_766395, EPI_ISL_766399, EPI_ISL_766401, EPI_ISL_766411, EPI_ISL_766412, EPI_ISL_766416, EPI_ISL_766418, EPI_ISL_766422, EPI_ISL_766424, EPI_ISL_766431, EPI_ISL_766433, EPI_ISL_766434, EPI_ISL_766437, EPI_ISL_766438, EPI_ISL_766443, EPI_ISL_766444, EPI_ISL_766446, EPI_ISL_766448, EPI_ISL_766449, EPI_ISL_766450, EPI_ISL_766453, EPI_ISL_766456, EPI_ISL_766457, EPI_ISL_766461, EPI_ISL_766475, EPI_ISL_766476, EPI_ISL_766478, EPI_ISL_766479, EPI_ISL_766483, EPI_ISL_766485, EPI_ISL_766492, EPI_ISL_766495, EPI_ISL_766496, EPI_ISL_766497, EPI_ISL_766498, EPI_ISL_766502, EPI_ISL_766504, EPI_ISL_766506, EPI_ISL_766507, EPI_ISL_766515, EPI_ISL_766555, EPI_ISL_766565, EPI_ISL_766567			
see above	Respiratory Virus Unit, National Infection Service, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team
EPI_ISL_766569	Oman-National Influenza Center	Oman-National Influenza Center	Samiha Al-Kharusi, Laila Al-Balushi, Hamida Al-Barwani, Aisha Al-Busaidi, Intisar Al-Shukri, Samira Al-Mahruqi, Hanan Al-Kindi, Amina Al-Jardani
EPI_ISL_766574, EPI_ISL_766575, EPI_ISL_766576, EPI_ISL_766577, EPI_ISL_766578, EPI_ISL_766579	ULSS 8 Berica	Istituto Zooprofilattico Sperimentale delle Venezie	Adelaide Milani, Alessia Schivo, Annalisa Salviato, Erika Giorgia Quaranta, Ambra Pastori, Bianca Zecchin, Alice Fusaro, Isabella Monne, Calogero Terregino, Antonia Ricci
EPI_ISL_766580, EPI_ISL_766581	ULSS 2 Treviso	Istituto Zooprofilattico Sperimentale delle Venezie	Adelaide Milani, Alessia Schivo, Annalisa Salviato, Erika Giorgia Quaranta, Ambra Pastori, Bianca Zecchin, Alice Fusaro, Isabella Monne, Calogero Terregino, Antonia Ricci
EPI_ISL_766585	Triemli Hospital	Institute of Medical Virology, University of Zurich	Stefan Schmutz, Maryam Zaheri, Verena Kufner, Annette Audigé, Maria Grünberg, Kevin Steiner, Jon Huder, Cyril Shah, Riccarda Capaul, Jürg Böni, Michael Huber, Alexandra Trkola
EPI_ISL_766586	Limmattal Hospital	Institute of Medical Virology, University of Zurich	Stefan Schmutz, Maryam Zaheri, Verena Kufner, Annette Audigé, Maria Grünberg, Kevin Steiner, Jon Huder, Cyril Shah, Riccarda Capaul, Jürg Böni, Michael Huber, Alexandra Trkola
EPI_ISL_766590	Dr. Boubaker Karim laboratory	Institute of Medical Virology, University of Zurich	Stefan Schmutz, Maryam Zaheri, Verena Kufner, Annette Audigé, Maria Grünberg, Kevin Steiner, Jon Huder, Cyril Shah, Riccarda Capaul, Jürg Böni, Michael Huber, Alexandra Trkola
EPI_ISL_766594, EPI_ISL_766595, EPI_ISL_766596, EPI_ISL_766597, EPI_ISL_766598, EPI_ISL_766599, EPI_ISL_766600, EPI_ISL_766601, EPI_ISL_766602, EPI_ISL_766603, EPI_ISL_766604, EPI_ISL_766605, EPI_ISL_766606, EPI_ISL_766607			
see above	The Public Health Agency of Sweden	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_766608, EPI_ISL_766609, EPI_ISL_766610, EPI_ISL_766622	Klinisk mikrobiologi	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_766630, EPI_ISL_766631, EPI_ISL_766632	Klinisk mikrobiologi, Viruslab	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_766633, EPI_ISL_766634, EPI_ISL_766635, EPI_ISL_766636, EPI_ISL_766637, EPI_ISL_766638, EPI_ISL_766639	Klinisk mikrobiologi	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_766640, EPI_ISL_766641	Laboratoriemedicin, Klinisk mikrobiologi	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_766644	Vardcentralen Brinken	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_766692, EPI_ISL_766693	Klinisk mikrobiologi, Laboratoriemedicin	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_766694	Klinisk mikrobiologi	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_766695	A05 Biomedicum	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_766696	Klinisk Mikrobiologi	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_766697	Klinisk mikrobiologi, bakteriologi	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_766698, EPI_ISL_766699	A05 Biomedicum	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_766700, EPI_ISL_766701, EPI_ISL_766702, EPI_ISL_766703, EPI_ISL_766704, EPI_ISL_766705, EPI_ISL_766706	The Public Health Agency of Sweden	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_766707	Klinisk mikrobiologi	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_766708	A05 Biomedicum	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_766710, EPI_ISL_766711, EPI_ISL_766712	Klinisk mikrobiologi	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_766713	Klinisk Mikrobiologi	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_766714	Klinisk mikrobiologi	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_766715, EPI_ISL_766716, EPI_ISL_766717, EPI_ISL_766718, EPI_ISL_766719, EPI_ISL_766720, EPI_ISL_766721, EPI_ISL_766722, EPI_ISL_766723	A05 Biomedicum	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_766724	TATAA Biocenter	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_766725, EPI_ISL_766726, EPI_ISL_766727, EPI_ISL_766728, EPI_ISL_766729, EPI_ISL_766730	Klinisk mikrobiologi	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_766777, EPI_ISL_766779, EPI_ISL_766785	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Noah Hull, Taylor Fearing, Channing Weber, Ashley Norberg, Bailey Bowcutt, and Wanda Manley
EPI_ISL_766859	Respiratory Virus Unit, National Infection Service, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team
EPI_ISL_766901	New Mexico Department of Health Scientific Laboratory	New Mexico Department of Health Scientific Laboratory	D'eldra Malone, Ellie Johnson, Anastacia Griego-Fisher
EPI_ISL_766997, EPI_ISL_767005, EPI_ISL_767010	Delaware Public Health Laboratory	Delaware Public Health Laboratory	Gregory Hovan
EPI_ISL_767013	University of Bari Biomedical Sciences and Human Oncology	University of Bari Biomedical Sciences and Human Oncology	Maria Chironna, Anna Sallustio, Daniela Loconsole, Marisa Accogli
EPI_ISL_767053, EPI_ISL_767054, EPI_ISL_767055, EPI_ISL_767056, EPI_ISL_767060, EPI_ISL_767061, EPI_ISL_767064, EPI_ISL_767065, EPI_ISL_767066, EPI_ISL_767068, EPI_ISL_767069, EPI_ISL_767073, EPI_ISL_767074, EPI_ISL_767075, EPI_ISL_767076, EPI_ISL_767077, EPI_ISL_767078, EPI_ISL_767080,			





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EPI_ISL_769794	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_769795, EPI_ISL_769797, EPI_ISL_769798, EPI_ISL_769799, EPI_ISL_769800, EPI_ISL_769801	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_769802	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_769803, EPI_ISL_769805	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_769806	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_769807, EPI_ISL_769808, EPI_ISL_769812	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_769813	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_769814, EPI_ISL_769817, EPI_ISL_769820, EPI_ISL_769822, EPI_ISL_769823, EPI_ISL_769824, EPI_ISL_769825	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_769826	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_769827, EPI_ISL_769828, EPI_ISL_769829, EPI_ISL_769830, EPI_ISL_769835	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_769836	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_769838, EPI_ISL_769841, EPI_ISL_769843, EPI_ISL_769845, EPI_ISL_769846, EPI_ISL_769847, EPI_ISL_769848, EPI_ISL_769849	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_769850	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_769851, EPI_ISL_769852, EPI_ISL_769853, EPI_ISL_769854, EPI_ISL_769855, EPI_ISL_769856, EPI_ISL_769857, EPI_ISL_769858, EPI_ISL_769859, EPI_ISL_769860	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_769861	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_769863	Laboratoire Biolife	Laboratoire de Biotechnologie	Mouna Ouadghiri, Tarik Aanniz, Mohammed Walid Chemaou Elifhiri, Mohamed Chenaoui, Hanae Dakka, Afaf Alaoui, Otmane Touzani, Amina Benouda, Bouchra Belfquih, Lahcen belyamani, Saaid Amzazi and Azeddine Ibrahim
EPI_ISL_769878	Respiratory Virus Unit, National Infection Service, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team
EPI_ISL_769919, EPI_ISL_769920, EPI_ISL_769921, EPI_ISL_769922, EPI_ISL_769923, EPI_ISL_769924, EPI_ISL_769926, EPI_ISL_769927, EPI_ISL_769929, EPI_ISL_769930, EPI_ISL_769931, EPI_ISL_769932, EPI_ISL_769933, EPI_ISL_769934, EPI_ISL_769935, EPI_ISL_769936, EPI_ISL_769937, EPI_ISL_769939, EPI_ISL_769941, EPI_ISL_769944, EPI_ISL_769946, EPI_ISL_769947, EPI_ISL_769949, EPI_ISL_769952, EPI_ISL_769955, EPI_ISL_769956, EPI_ISL_769957, EPI_ISL_769961, EPI_ISL_769962, EPI_ISL_769963, EPI_ISL_769964, EPI_ISL_769965, EPI_ISL_769966, EPI_ISL_769967, EPI_ISL_769968, EPI_ISL_769969, EPI_ISL_769970, EPI_ISL_769971, EPI_ISL_769976, EPI_ISL_769977, EPI_ISL_769979, EPI_ISL_769983, EPI_ISL_769984	Albany Medical Center Hospital Clinical 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, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_770500, EPI_ISL_770501, EPI_ISL_770502, EPI_ISL_770503, EPI_ISL_770504, EPI_ISL_770505, EPI_ISL_770506, EPI_ISL_770507, EPI_ISL_770508, EPI_ISL_770509, EPI_ISL_770510, EPI_ISL_770511, EPI_ISL_770512, EPI_ISL_770513, EPI_ISL_770514, EPI_ISL_770515, EPI_ISL_770516, EPI_ISL_770517, EPI_ISL_770518, EPI_ISL_770519, EPI_ISL_770520, EPI_ISL_770521, EPI_ISL_770522, EPI_ISL_770523, EPI_ISL_770524, EPI_ISL_770525, EPI_ISL_770526, EPI_ISL_770527, EPI_ISL_770529, EPI_ISL_770530, EPI_ISL_770531, EPI_ISL_770532	see above	Lithuanian University of Health Sciences Hospital, Department of Laboratory Medicine	Lithuanian University of Health Sciences, Molecular cardiology lab.
EPI_ISL_770692, EPI_ISL_770693, EPI_ISL_770694, EPI_ISL_770698, EPI_ISL_770701, EPI_ISL_770704, EPI_ISL_770708, EPI_ISL_770710, EPI_ISL_770711, EPI_ISL_770713, EPI_ISL_770719	see above	ZOTZ KLIMAS MVZ Düsseldorf-Centrum GbR ÜBAG für Labormedizin, Genetik, Zytologie, Pathologie	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf
EPI_ISL_770783, EPI_ISL_770784, EPI_ISL_770785, EPI_ISL_770786, EPI_ISL_770787, EPI_ISL_770788, EPI_ISL_770789, EPI_ISL_770791, EPI_ISL_770792, EPI_ISL_770795, EPI_ISL_770796, EPI_ISL_770798, EPI_ISL_770799	see above	Minnesota Department of Health, Public Health Laboratory	Maximilian Damagnez, Alexander Diltthey, Ashley-Jane Duplessis, Patrick Finzer, Katrin Hoffmann, Torsten Houwaart, Lisanna Hülse, Malte Kohns Vasconcelos, Marek Korencak, Nadine Lübke, Jessica Nicolai, Klaus Pfeffer, Daniel Strelow, Jörg Timm, Andreas Walker, Tobias Wienemann, Rainer Zotz
EPI_ISL_770802, EPI_ISL_770804, EPI_ISL_770806	Minnesota Department of Health, Public Health Laboratory	Vault Health	Minnesota Department of Health, Public Health Laboratory
EPI_ISL_770816, EPI_ISL_770817	Minnesota Department of Health, Public Health Laboratory	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_770818	North Memorial	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_770819	Minnesota Department of Health, Public Health Laboratory	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_770878, EPI_ISL_770879, EPI_ISL_770880, EPI_ISL_770881, EPI_ISL_770882, EPI_ISL_770889, EPI_ISL_770892, EPI_ISL_770895, EPI_ISL_770898, EPI_ISL_770899, EPI_ISL_770900, EPI_ISL_770901, EPI_ISL_770903, EPI_ISL_770904, EPI_ISL_770905, EPI_ISL_770907, EPI_ISL_770933, EPI_ISL_770934, EPI_ISL_770935, EPI_ISL_770937, EPI_ISL_770939, EPI_ISL_770943, EPI_ISL_770944, EPI_ISL_770945, EPI_ISL_770946, EPI_ISL_770948, EPI_ISL_770949, EPI_ISL_770951, EPI_ISL_770952, EPI_ISL_770953, EPI_ISL_770955, EPI_ISL_770956, EPI_ISL_770957, EPI_ISL_770958, EPI_ISL_770959, EPI_ISL_770960, EPI_ISL_770961, EPI_ISL_770962, EPI_ISL_770963, EPI_ISL_770964, EPI_ISL_770965, EPI_ISL_770966, EPI_ISL_770967, EPI_ISL_770968, EPI_ISL_770969, EPI_ISL_770970, EPI_ISL_770971, EPI_ISL_770972, EPI_ISL_770973, EPI_ISL_770974, EPI_ISL_770975, EPI_ISL_770976, EPI_ISL_770977, EPI_ISL_770978, EPI_ISL_770979, EPI_ISL_770980, EPI_ISL_770981, EPI_ISL_770982, EPI_ISL_770983, EPI_ISL_770986, EPI_ISL_770987, EPI_ISL_770988, EPI_ISL_770989, EPI_ISL_770990, EPI_ISL_770991, EPI_ISL_770992, EPI_ISL_770993, EPI_ISL_770994, EPI_ISL_770995, EPI_ISL_770996, EPI_ISL_770997, EPI_ISL_770998, EPI_ISL_770999			

EPI_ISL_771000, EPI_ISL_771001, EPI_ISL_771002, EPI_ISL_771003, EPI_ISL_771004, EPI_ISL_771005, EPI_ISL_771006, EPI_ISL_771008, EPI_ISL_771010, EPI_ISL_771011, EPI_ISL_771012, EPI_ISL_771013, EPI_ISL_771014, EPI_ISL_771015, EPI_ISL_771016, EPI_ISL_771017, EPI_ISL_771018, EPI_ISL_771019, EPI_ISL_771021, EPI_ISL_771022, EPI_ISL_771023, EPI_ISL_771024, EPI_ISL_771025, EPI_ISL_771026, EPI_ISL_771027, EPI_ISL_771028, EPI_ISL_771030, EPI_ISL_771031, EPI_ISL_771032, EPI_ISL_771033, EPI_ISL_771034, EPI_ISL_771035, EPI_ISL_771036, EPI_ISL_771037, EPI_ISL_771038, EPI_ISL_771039, EPI_ISL_771040, EPI_ISL_771041, EPI_ISL_771042, EPI_ISL_771043, EPI_ISL_771044, EPI_ISL_771045, EPI_ISL_771046, EPI_ISL_771047, EPI_ISL_771048, EPI_ISL_771050, EPI_ISL_771051, EPI_ISL_771052, EPI_ISL_771055, EPI_ISL_771057, EPI_ISL_771058, EPI_ISL_771059, EPI_ISL_771060, EPI_ISL_771061, EPI_ISL_771062, EPI_ISL_771063, EPI_ISL_771064, EPI_ISL_771065, EPI_ISL_771066, EPI_ISL_771067, EPI_ISL_771070, EPI_ISL_771071, EPI_ISL_771072, EPI_ISL_771073, EPI_ISL_771074, EPI_ISL_771075, EPI_ISL_771076, EPI_ISL_771077, EPI_ISL_771078, EPI_ISL_771080, EPI_ISL_771081, EPI_ISL_771082, EPI_ISL_771083, EPI_ISL_771084, EPI_ISL_771085, EPI_ISL_771086, EPI_ISL_771087, EPI_ISL_771088, EPI_ISL_771089, EPI_ISL_771090, EPI_ISL_771091, EPI_ISL_771093, EPI_ISL_771094, EPI_ISL_771095, EPI_ISL_771096, EPI_ISL_771097, EPI_ISL_771098, EPI_ISL_771099, EPI_ISL_771100, EPI_ISL_771102, EPI_ISL_771103, EPI_ISL_771104, EPI_ISL_771105, EPI_ISL_771106, EPI_ISL_771107, EPI_ISL_771108, EPI_ISL_771109, EPI_ISL_771110, EPI_ISL_771111, EPI_ISL_771112, EPI_ISL_771113, EPI_ISL_771114, EPI_ISL_771115, EPI_ISL_771116, EPI_ISL_771117, EPI_ISL_771118, EPI_ISL_771119, EPI_ISL_771120, EPI_ISL_771121, EPI_ISL_771122, EPI_ISL_771123, EPI_ISL_771124, EPI_ISL_771126, EPI_ISL_771127, EPI_ISL_771128, EPI_ISL_771129, EPI_ISL_771130, EPI_ISL_771131, EPI_ISL_771132, EPI_ISL_771133, EPI_ISL_771134, EPI_ISL_771135, EPI_ISL_771136, EPI_ISL_771137, EPI_ISL_771138, EPI_ISL_771139, EPI_ISL_771140, EPI_ISL_771141, EPI_ISL_771142, EPI_ISL_771143, EPI_ISL_771144, EPI_ISL_771145, EPI_ISL_771146, EPI_ISL_771147, EPI_ISL_771148, EPI_ISL_771149, EPI_ISL_771150	see above	Laboratoire national de santé, Microbiology, Virology	Laboratoire national de santé, Microbiology, Microbial Genomics Platform	Anke Wienecke-Baldacchino, Catherine Ragimbeau, Jessica Tapp, Fatu Djabi, Lise Pignon, Raoul Salmon, Tamir Abdelrahman
EPI_ISL_774976		Gonoshasthya-RNA Molecular Diagnostic and Research Center	Gonoshasthya-RNA Molecular Diagnostic and Research Center	Nihad Adnan, Mohd. Raed Jamiruddin, Md. Ahsanul Haq, Mohib Ullah Khondoker, Nafisa Azmuda, Firoy Ahmed, Shahana Sharmin, Salma Akter, Taslin Jahan Mou, Mahfuza Marzan, Sayeda Moriam Liza, Nowshin Jahan, Tamanna Ali, Maha Jamiruddin, Mousumi Chaity, Shahad Saif Khandker, Mumtarin Jannat Oishee
EPI_ISL_775019		Gonoshasthya-RNA Molecular Research Center	Gonoshasthya-RNA Molecular Research Center	Nihad Adnan, Mohd. Raed Jamiruddin, Md. Ahsanul Haq, Mohib Ullah Khondoker, Nafisa Azmuda, Firoy Ahmed, Shahana Sharmin, Salma Akter, Taslin Jahan Mou, Mahfuza Marzan, Sayeda Moriam Liza, Nowshin Jahan, Tamanna Ali, Maha Jamiruddin, Mousumi Chaity, Shahad Saif Khandker, Mumtarin Jannat Oishee
EPI_ISL_775020		Gonoshasthya-RNA Molecular Research Center	Gonoshasthya-RNA Molecular Research Center	Mohd. Raed Jamiruddin, Nihad Adnan, Md. Ahsanul Haq, Mohib Ullah Khondoker, Nafisa Azmuda, Firoy Ahmed, Shahana Sharmin, Salma Akter, Taslin Jahan Mou, Mahfuza Marzan, Sayeda Moriam Liza, Nowshin Jahan, Tamanna Ali, Shahad Saif Khandker, Maha Jamiruddin, Mousumi Chaity, Mumtarin Jannat Oishee
EPI_ISL_775213		Gonoshasthya-RNA Molecular Research Center	Gonoshasthya-RNA Molecular Research Center	Nihad Adnan, Mohd. Raed Jamiruddin, Md. Ahsanul Haq, Mohib Ullah Khondoker, Nafisa Azmuda, Firoy Ahmed, Shahana Sharmin, Salma Akter, Taslin Jahan Mou, Mahfuza Marzan, Sayeda Moriam Liza, Nowshin Jahan, Tamanna Ali, Maha Jamiruddin, Mousumi Chaity, Shahad Saif Khandker, Mumtarin Jannat Oishee
EPI_ISL_775218		Gonoshasthya-RNA Molecular Research Center	Gonoshasthya-RNA Molecular Research Center	Mohd. Raed Jamiruddin, Nihad Adnan, Md. Ahsanul Haq, Mohib Ullah Khondoker, Nafisa Azmuda, Firoy Ahmed, Shahana Sharmin, Salma Akter, Taslin Jahan Mou, Mahfuza Marzan, Sayeda Moriam Liza, Nowshin Jahan, Tamanna Ali, Shahad Saif Khandker, Maha Jamiruddin, Mousumi Chaity, Mumtarin Jannat Oishee
EPI_ISL_775220, EPI_ISL_775221, EPI_ISL_775222, EPI_ISL_775225, EPI_ISL_775256, EPI_ISL_775258, EPI_ISL_775260, EPI_ISL_775262, EPI_ISL_775263		Laboratoire Biolife	Laboratoire de Biotechnologie	Mouna Ouadghiri, Tarik Aanniz, Mohammed Walid Chemao Elifhiri, Mohamed Chenaoui, Hanae Dakka, Afaf Alaoui, Otmane Touzani, Amina Benouda, Bouchra Belfquih, Lahcen belyamani, Saaid Amzazi and Azeddine Ibrahim
EPI_ISL_775272		Dept. of Medical Microbiology, Stavanger University Hospital, Helse Stavanger HF	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_775273		Furst Medical Laboratory	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_775275		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, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_775277		Nordland Hospital - Bodo, Laboratory Department, Molecular Biology Unit	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_775278		Oslo University Hospital, Department of Medical Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_775291, EPI_ISL_775292		Nordland Hospital - Bodo, Laboratory Department, Molecular Biology Unit	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_775293		Oslo University Hospital, Department of Medical Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_775305		Unilabs Laboratory Medicine	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_775386		Dept. of Medical Microbiology, Stavanger University Hospital, Helse Stavanger HF	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_775391, EPI_ISL_775392		Oslo University Hospital, Department of Medical Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_775394, EPI_ISL_775395, EPI_ISL_775396, EPI_ISL_775397		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, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_775399, EPI_ISL_775400, EPI_ISL_775401, EPI_ISL_775402, EPI_ISL_775403, EPI_ISL_775404		Nordland Hospital - Bodo, Laboratory Department, Molecular Biology Unit	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_775406		Unilabs Laboratory Medicine	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_775407, EPI_ISL_775408, EPI_ISL_775409		Haukeland University Hospital, Dept. of Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_775410, EPI_ISL_775411, EPI_ISL_775412, EPI_ISL_775413		Oslo University Hospital, Department of Medical Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_775414		Norwegian Institute of Public Health, Department of Virology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_775416, EPI_ISL_775421, EPI_ISL_775422, EPI_ISL_775423, EPI_ISL_775424, EPI_ISL_775426		Oslo University Hospital, Department of Medical Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_775427		Furst Medical Laboratory	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_775428, EPI_ISL_775429, EPI_ISL_775430, EPI_ISL_775431, EPI_ISL_775432, EPI_ISL_775433, EPI_ISL_775435, EPI_ISL_775436, EPI_ISL_775437		Department of Medical Microbiology - section Molde, Molde Hospital	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_775438, EPI_ISL_775439		Nordland Hospital - Bodo, Laboratory Department, Molecular	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline

	Biology Unit			Bragstad, Olav Hungnes
EPI_ISL_775442	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, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes	
EPI_ISL_775443	Norwegian Institute of Public Health, Department of Virology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes	
EPI_ISL_775458	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, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes	
EPI_ISL_775463	Unilabs Laboratory Medicine	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes	
EPI_ISL_775496, EPI_ISL_775497	Furst Medical Laboratory	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes	
EPI_ISL_775505, EPI_ISL_775506, EPI_ISL_775507, EPI_ISL_775508	Department of Medical Microbiology, St. Olavs hospital	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes	
EPI_ISL_775516, EPI_ISL_775517	Unilabs Laboratory Medicine	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes	
EPI_ISL_775518, EPI_ISL_775519, EPI_ISL_775520, EPI_ISL_775521, EPI_ISL_775522	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, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes	
EPI_ISL_775524, EPI_ISL_775525, EPI_ISL_775526, EPI_ISL_775527	Furst Medical Laboratory	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes	
EPI_ISL_775528, EPI_ISL_775529, EPI_ISL_775530	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, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes	
EPI_ISL_775531	Klinisk mikrobiologi, Viruslab	The Public Health Agency of Sweden		Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_775533, EPI_ISL_775534, EPI_ISL_775535, EPI_ISL_775536, EPI_ISL_775537, EPI_ISL_775538, EPI_ISL_775539, EPI_ISL_775540, EPI_ISL_775541	ABC	The Public Health Agency of Sweden		Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_775542, EPI_ISL_775543, EPI_ISL_775544, EPI_ISL_775545	Klinisk mikrobiologi, Viruslab	The Public Health Agency of Sweden		Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_775546, EPI_ISL_775547, EPI_ISL_775548	Klinisk Mikrobiologi	The Public Health Agency of Sweden		Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_775549	Klinisk mikrobiologi	The Public Health Agency of Sweden		Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_775550, EPI_ISL_775551, EPI_ISL_775552, EPI_ISL_775553, EPI_ISL_775554, EPI_ISL_775555, EPI_ISL_775556, EPI_ISL_775557, EPI_ISL_775558, EPI_ISL_775559, EPI_ISL_775560, EPI_ISL_775561, EPI_ISL_775562, EPI_ISL_775564, EPI_ISL_775565, EPI_ISL_775566, EPI_ISL_775567, EPI_ISL_775568, EPI_ISL_775569, EPI_ISL_775570, EPI_ISL_775571				
see above	ABC	The Public Health Agency of Sweden		Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_775572, EPI_ISL_775573, EPI_ISL_775574	Klinisk mikrobiologi	The Public Health Agency of Sweden		Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_775575, EPI_ISL_775576, EPI_ISL_775577, EPI_ISL_775578, EPI_ISL_775579, EPI_ISL_775580, EPI_ISL_775581	ABC	The Public Health Agency of Sweden		Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_775583	Synlab Medilab, Mikrobiologi	The Public Health Agency of Sweden		Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_775585, EPI_ISL_775586	Unilabs AB	The Public Health Agency of Sweden		Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_775587	Synlab Medilab, Mikrobiologi	The Public Health Agency of Sweden		Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_775588	Klinisk mikrobiologi	The Public Health Agency of Sweden		Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_775589	Laboratorium for klinisk mikrobiologi	The Public Health Agency of Sweden		Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_775590, EPI_ISL_775591, EPI_ISL_775592	Klinisk mikrobiologi	The Public Health Agency of Sweden		Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_775593	TATAA Biocenter	The Public Health Agency of Sweden		Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_776592, EPI_ISL_776593, EPI_ISL_776594, EPI_ISL_776595, EPI_ISL_776598, EPI_ISL_776599, EPI_ISL_776600, EPI_ISL_776616, EPI_ISL_776621, EPI_ISL_776623, EPI_ISL_776624, EPI_ISL_776625, EPI_ISL_776628, EPI_ISL_776631, EPI_ISL_776632, EPI_ISL_776633, EPI_ISL_776639, EPI_ISL_776640, EPI_ISL_776642, EPI_ISL_776643, EPI_ISL_776645, EPI_ISL_776649				
see above	Israel Central Virology laboratory	Israel Central Virology laboratory	Neta Zuckerman, Efrat Dahan Bucris, Oran Erster, Michal Mandelboim, Orna Mor, Ella Mendelson	
EPI_ISL_776768	Instituto Adolfo Lutz - Regional de Aracatuba	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos	
EPI_ISL_776833, EPI_ISL_776837	Israel Central Virology laboratory	Israel Central Virology laboratory	Neta Zuckerman, Efrat Dahan Bucris, Oran Erster, Michal Mandelboim, Orna Mor, Ella Mendelson	
EPI_ISL_777011	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team	
EPI_ISL_777013	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team	
EPI_ISL_777014	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team	
EPI_ISL_777016	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team	
EPI_ISL_777017, EPI_ISL_777018	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team	
EPI_ISL_777019	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team	













EPI_ISL_777389	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_777390, EPI_ISL_777391	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_777392, EPI_ISL_777393, EPI_ISL_777395	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_777396	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team

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All Submitters of data may be contacted directly via [www.gisaid.org](http://www.gisaid.org)

Authors are sorted alphabetically.









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EPI_ISL_783031	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_783035	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_783037, EPI_ISL_783038	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_783040, EPI_ISL_783041	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_783045, EPI_ISL_783046	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_783048, EPI_ISL_783050	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_783052	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_783053, EPI_ISL_783054	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_783056	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_783057	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_783062, EPI_ISL_783063, EPI_ISL_783065	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_783066	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_783067	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_783068	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_788902, EPI_ISL_788903, EPI_ISL_788939, EPI_ISL_788941	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_788989, EPI_ISL_788990	Klinisk mikrobiologi	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_788991, EPI_ISL_788992, EPI_ISL_788993, EPI_ISL_788994, EPI_ISL_788995, EPI_ISL_788996, EPI_ISL_788997, EPI_ISL_788998	ABC	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_788999	Klinisk mikrobiologi, virus F68	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_789000, EPI_ISL_789001, EPI_ISL_789002, EPI_ISL_789003, EPI_ISL_789004, EPI_ISL_789005, EPI_ISL_789006, EPI_ISL_789007, EPI_ISL_789008, EPI_ISL_789009, EPI_ISL_789010, EPI_ISL_789011			
see above	ABC	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_789012, EPI_ISL_789013	Klinisk mikrobiologi, Laboratoriemedicin	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_789014, EPI_ISL_789015, EPI_ISL_789016	ABC	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_789017	Klinisk Mikrobiologi	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_789018, EPI_ISL_789019, EPI_ISL_789020, EPI_ISL_789021, EPI_ISL_789022, EPI_ISL_789023, EPI_ISL_789024, EPI_ISL_789025, EPI_ISL_789026, EPI_ISL_789027, EPI_ISL_789028			
see above	ABC	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_789029, EPI_ISL_789030, EPI_ISL_789032, EPI_ISL_789033, EPI_ISL_789034, EPI_ISL_789035	Klinisk mikrobiologi, Laboratoriemedicin	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_789036, EPI_ISL_789037, EPI_ISL_789038, EPI_ISL_789039, EPI_ISL_789040, EPI_ISL_789041, EPI_ISL_789042, EPI_ISL_789043, EPI_ISL_789044, EPI_ISL_789045	Klinisk mikrobiologi	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_789046	unknown	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_789047	Klinisk mikrobiologi	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_789048, EPI_ISL_789049, EPI_ISL_789050, EPI_ISL_789051, EPI_ISL_789052, EPI_ISL_789053	Klinisk mikrobiologi, Viruslab	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_789054	Unilabs AB	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_789055, EPI_ISL_789056, EPI_ISL_789057, EPI_ISL_789058, EPI_ISL_789059	Klinisk mikrobiologi, Viruslab	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_789064, EPI_ISL_789065, EPI_ISL_789066, EPI_ISL_789067, EPI_ISL_789070, EPI_ISL_789072, EPI_ISL_789073, EPI_ISL_789079, EPI_ISL_789087, EPI_ISL_789088, EPI_ISL_789089, EPI_ISL_789091, EPI_ISL_789093, EPI_ISL_789098			
see above	National Virus Reference Laboratory	National Virus Reference Laboratory	Michael Carr, Gabriel Gonzalez, Dana Alalwan, Jonathan Dean, Daniel Hare, Cillian F De Gascun
EPI_ISL_790571, EPI_ISL_790572, EPI_ISL_790573, EPI_ISL_790574, EPI_ISL_790575, EPI_ISL_790576, EPI_ISL_790577, EPI_ISL_790579, EPI_ISL_790580, EPI_ISL_790581, EPI_ISL_790582, EPI_ISL_790583, EPI_ISL_790584, EPI_ISL_790585, EPI_ISL_790586, EPI_ISL_790587, EPI_ISL_790589, EPI_ISL_790590, EPI_ISL_790591, EPI_ISL_790592, EPI_ISL_790593, EPI_ISL_790594, EPI_ISL_790596, EPI_ISL_790598, EPI_ISL_790599, EPI_ISL_790600, EPI_ISL_790601, EPI_ISL_790602, EPI_ISL_7906			









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EPI_ISL_800832	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_800833, EPI_ISL_800835, EPI_ISL_800838	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_800839	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_800841, EPI_ISL_800843	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_800846	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_800847	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_800849	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_800851	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_800853, EPI_ISL_800854, EPI_ISL_800855	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_800857	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_800858, EPI_ISL_800860, EPI_ISL_800861, EPI_ISL_800862	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_800863, EPI_ISL_800864, EPI_ISL_800867, EPI_ISL_800868	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_800869	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_800870	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_800871	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_800873	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_800874, EPI_ISL_800875	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_800878, EPI_ISL_800879, EPI_ISL_800881	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_800882	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_800883	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_800884, EPI_ISL_801179	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_801180, EPI_ISL_801181	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_801422, EPI_ISL_801432, EPI_ISL_801433, EPI_ISL_801434, EPI_ISL_801435, EPI_ISL_801436, EPI_ISL_801437, EPI_ISL_801438, EPI_ISL_801439, EPI_ISL_801440, EPI_ISL_801443, EPI_ISL_801444, EPI_ISL_801445, EPI_ISL_801446, EPI_ISL_801447, EPI_ISL_801448, EPI_ISL_801451, EPI_ISL_801452, EPI_ISL_801453, EPI_ISL_801454, EPI_ISL_801455, EPI_ISL_801456, EPI_ISL_801457, EPI_ISL_801458, EPI_ISL_801459, EPI_ISL_801471, EPI_ISL_801472, EPI_ISL_801473, EPI_ISL_801474, EPI_ISL_801476, EPI_ISL_801479, EPI_ISL_801480, EPI_ISL_801491, EPI_ISL_801492, EPI_ISL_801493, EPI_ISL_801494, EPI_ISL_801495, EPI_ISL_801496, EPI_ISL_801497, EPI_ISL_801498, EPI_ISL_801499, EPI_ISL_801500, EPI_ISL_801501, EPI_ISL_801502, EPI_ISL_801503, EPI_ISL_801504, EPI_ISL_801505, EPI_ISL_801506, EPI_ISL_801507, EPI_ISL_801508, EPI_ISL_801509, EPI_ISL_801510, EPI_ISL_801511, EPI_ISL_801512, EPI_ISL_801513, EPI_ISL_801515			
see above	Dutch COVID-19 response team	Erasmus Medical Center	Bas Oude Munnink, Reina Sikkema, David Nieuwenhuijse, Irina Chestakova, Anne van der Linden, Marjan Boter, Emmanuelle Munger, Corine GeurtsvanKessel, Anнемiek van der Eijk, Richard Molenkamp, Marion Koopmans, on behalf of the Dutch national COVID-19 response team.
EPI_ISL_801517, EPI_ISL_801518	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_801523, EPI_ISL_801524, EPI_ISL_801526, EPI_ISL_801528, EPI_ISL_801536	Sonic Reference Laboratory	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Yan Li, Jing Zhang, Krista Queen, Anna Uehara, Peter Cook, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_801537	Sunrise Medical Labs	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Yan Li, Jing Zhang, Krista Queen, Anna Uehara, Peter Cook, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_802441, EPI_ISL_802443	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, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_802444	SUNRISE MEDICAL 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, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_802449, EPI_ISL_802450, EPI_ISL_802454, EPI_ISL_802459,	Wadsworth Center, New York State Department.of Health	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, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist

EPI_ISL_802460, EPI_ISL_802461, EPI_ISL_802462, EPI_ISL_802465, EPI_ISL_802466			
EPI_ISL_802471, EPI_ISL_802473, EPI_ISL_802480, EPI_ISL_802482, EPI_ISL_802483, EPI_ISL_802485, EPI_ISL_802488	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, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_802521, EPI_ISL_802522, EPI_ISL_802523, EPI_ISL_802525, EPI_ISL_802531, EPI_ISL_802532, EPI_ISL_802533, EPI_ISL_802537, EPI_ISL_802538, EPI_ISL_802539, EPI_ISL_802540, EPI_ISL_802542, EPI_ISL_802543			
see above	Dutch COVID-19 response team	Erasmus Medical Center	Bas Oude Munnink, Reina Sikkema, David Nieuwenhuijse, Irina Chestakova, Anne van der Linden, Marjan Boter, Emmanuelle Munger, Corine GeurtsvanKessel, Anнемiek van der Eijk, Richard Molenkamp, Marion Koopmans, on behalf of the Dutch national COVID-19 response team.
EPI_ISL_802571	Essentia Health-St. Mary's Medical Center	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_802573	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_802574, EPI_ISL_802577, EPI_ISL_802578, EPI_ISL_802579, EPI_ISL_802580, EPI_ISL_802581, EPI_ISL_802582, EPI_ISL_802583, EPI_ISL_802584, EPI_ISL_802585, EPI_ISL_802586, EPI_ISL_802587, EPI_ISL_802588, EPI_ISL_802589, EPI_ISL_802590, EPI_ISL_802591, EPI_ISL_802592, EPI_ISL_802593, EPI_ISL_802594, EPI_ISL_802596, EPI_ISL_802597, EPI_ISL_802598			
see above	Vault Health	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_802656, EPI_ISL_802672, EPI_ISL_802702	Helix/Illumina	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dhwaní Batra, Ben L. Rambo-Martin Eileen de Feo, Jan Antico, Christine Tran, Matthew Tolentino, Shannon Wickline, Kim Gietzen, Brad Sickler, Jingtao Liu, Eric Allen, Phil Febbo, Summer Galloway, Nicole L. Washington, Simon White, Geraint Levan, Kelly Schiabor Barrett, Elizabeth Cirulli, Alexandre Bolze, Ary Ascencio, Charlotte Rivera-Garcia, Ryan Cho, Jason Nguyen, Sherry Wang, Jimmy Ramirez, Tyler Cassens, Efrén Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suixiang Tong, Duncan MacCannell
EPI_ISL_802725	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton
EPI_ISL_802783, EPI_ISL_802784, EPI_ISL_802786, EPI_ISL_802787	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, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_802995	Charite Universitätsmedizin Berlin, Institut für Virologie, Charitéplatz 1, 10117 Berlin, Germany	Charite Universitätsmedizin Berlin, Institut für Virologie, Charitéplatz 1, 10117 Berlin, Germany	Victor M Corman, Tobias Bleicker, Julia Tesch, Jörn Beheim-Schwarzbach, Barbara Mühlemann, Talitha Veith, Julia Schneider, Terry Jones, Christian Drosten
EPI_ISL_802996, EPI_ISL_802997, EPI_ISL_802999, EPI_ISL_803000, EPI_ISL_803001, EPI_ISL_803004, EPI_ISL_803006, EPI_ISL_803008, EPI_ISL_803009, EPI_ISL_803012, EPI_ISL_803014, EPI_ISL_803018, EPI_ISL_803019, EPI_ISL_803021, EPI_ISL_803023, EPI_ISL_803028, EPI_ISL_803029, EPI_ISL_803035, EPI_ISL_803036, EPI_ISL_803037, EPI_ISL_803041, EPI_ISL_803043, EPI_ISL_803044, EPI_ISL_803045, EPI_ISL_803046, EPI_ISL_803047, EPI_ISL_803051, EPI_ISL_803053, EPI_ISL_803055, EPI_ISL_803056, EPI_ISL_803058, EPI_ISL_803060, EPI_ISL_803062, EPI_ISL_803067, EPI_ISL_803068, EPI_ISL_803071, EPI_ISL_803072, EPI_ISL_803074, EPI_ISL_803078, EPI_ISL_803082, EPI_ISL_803084, EPI_ISL_803087, EPI_ISL_803089, EPI_ISL_803090, EPI_ISL_803091, EPI_ISL_803092, EPI_ISL_803093, EPI_ISL_803094, EPI_ISL_803096			
see above	Quest Diagnostics	Quest Diagnostics	Rosenthal,S.H., Gerasimova,A., Kagan,R.M., Anderson, B., Livingston, K.E., Hua, M., Liu Y., Shalhout, D.F., Owen, R., Lacbawan, F.
EPI_ISL_803854, EPI_ISL_803855	Hospital General Universitario Gregorio Marañón	Hospital General Universitario Gregorio Marañón	Sergio Buenestado Serrano, Pedro Sola Campoy, Laura Pérez-Lago, Pilar Catalán, Patricia Muñoz, Darío García de Viedma
EPI_ISL_803863	Hospital General Universitario Gregorio Marañón	Hospital General Universitario Gregorio Marañón	Sergio Buenestado Serrano, Pedro Sola Campoy, Laura Pérez-Lago, Pilar Catalán, Patricia Muñoz, Darío García de Viedma.
EPI_ISL_803896	Virology Unit, Pisa University Hospital and Retrovirus Center, University of Pisa	National Institute for Infectious Diseases, INMI, "L. Spallanzani" IRCCS	M Rueca, E Giombini, C.E.M Gruber, B Bartolini, O Butera, F Messina, A Rosellini, P Mazzetti, M Pistello, A Di Caro, MR Capobianchi
EPI_ISL_803897	National Institute for Infectious Diseases, INMI, "L. Spallanzani" IRCCS	National Institute for Infectious Diseases, INMI, "L. Spallanzani" IRCCS	F Messina, O Butera, E Giombini, M Rueca, B Bartolini, C.E.M Gruber, MR Capobianchi, A Di Caro
EPI_ISL_803898	National Institute for Infectious Diseases, INMI, "L. Spallanzani" IRCCS	National Institute for Infectious Diseases, INMI, "L. Spallanzani" IRCCS	C.E.M Gruber, B Bartolini, E Giombini, M Rueca, O Butera, F Messina, A Di Caro, MR Capobianchi
EPI_ISL_803900	National Institute for Infectious Diseases, INMI, "L. Spallanzani" IRCCS	National Institute for Infectious Diseases, INMI, "L. Spallanzani" IRCCS	B Bartolini, O Butera, C.E.M Gruber, M Rueca, F Messina, E Giombini, MR Capobianchi, A Di Caro
EPI_ISL_803961, EPI_ISL_803966, EPI_ISL_803983, EPI_ISL_803986	National Public Health Laboratory, National Centre for Infectious Diseases	National Public Health Laboratory, National Centre for Infectious Diseases	Tze Minn Mak, Sophie Octavia, Zhenyang Zhou, Lin Cui, Raymond Tzer Pin Lin
EPI_ISL_804019, EPI_ISL_804020, EPI_ISL_804021, EPI_ISL_804022, EPI_ISL_804023, EPI_ISL_804024, EPI_ISL_804025, EPI_ISL_804026, EPI_ISL_804027, EPI_ISL_804029, EPI_ISL_804030, EPI_ISL_804031, EPI_ISL_804032, EPI_ISL_804033, EPI_ISL_804034, EPI_ISL_804035, EPI_ISL_804036			
see above	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_804074, EPI_ISL_804075, EPI_ISL_804095, EPI_ISL_804140, EPI_ISL_804150, EPI_ISL_804178	Israel Central Virology laboratory	Israel National Consortium for SARS-CoV-2 sequencing	Neta Zuckerman, Efrat Dahan Bucris, Michal Mandelboim, Dana Bar-Ilan, Oran Erster, Tzvia Mann, Omer Murik, David A. Zeevi, Assaf Rokney, Joseph Jaffe, Eva Nachum, Maya Davidovich Cohen, Ephraim Fass, Gal Zizelski Valenci, Mor Rubinstein, Efrat Rorman, Israel Nissan, Efrat Glick-Saar, Omri Nayshool, Gideon Rechavi, Ella Mendelson, Orna Mor
EPI_ISL_804218, EPI_ISL_804220, EPI_ISL_804221, EPI_ISL_804223, EPI_ISL_804229, EPI_ISL_804231, EPI_ISL_804232, EPI_ISL_804233, EPI_ISL_804234, EPI_ISL_804235, EPI_ISL_804237, EPI_ISL_804239, EPI_ISL_804240, EPI_ISL_804242, EPI_ISL_804243, EPI_ISL_804245, EPI_ISL_804256, EPI_ISL_804267, EPI_ISL_804269, EPI_ISL_804270, EPI_ISL_804271, EPI_ISL_804272, EPI_ISL_804277, EPI_ISL_804279, EPI_ISL_804280, EPI_ISL_804285, EPI_ISL_804286, EPI_ISL_804288, EPI_ISL_804290, EPI_ISL_804293, EPI_ISL_804295, EPI_ISL_804298, EPI_ISL_804302, EPI_ISL_804304, EPI_ISL_804305, EPI_ISL_804307, EPI_ISL_804308, EPI_ISL_804309, EPI_ISL_804311, EPI_ISL_804318, EPI_ISL_804321, EPI_ISL_804322, EPI_ISL_804323, EPI_ISL_804326, EPI_ISL_804327, EPI_ISL_804329, EPI_ISL_804331, EPI_ISL_804332, EPI_ISL_804335, EPI_ISL_804339, EPI_ISL_804342, EPI_ISL_804347, EPI_ISL_804351, EPI_ISL_804352, EPI_ISL_804354, EPI_ISL_804355, EPI_ISL_804360			
see above	Respiratory Virus Unit, National Infection Service, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team
EPI_ISL_804370, EPI_ISL_804373, EPI_ISL_804375	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_804463, EPI_ISL_804464, EPI_ISL_804465	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_804847, EPI_ISL_804856, EPI_ISL_804857, EPI_ISL_804895, EPI_ISL_804934, EPI_ISL_804935, EPI_ISL_804936, EPI_ISL_804937, EPI_ISL_804939, EPI_ISL_804940, EPI_ISL_804941, EPI_ISL_804944			
see above	DC Public Health Lab/ Dept. of Forensic Sciences	DC Public Health Lab/ Dept. of Forensic Sciences	Scott Nguyen, Elizabeth Zelaya, Connie Maza, Monica Mann, Brittany Hamilton, David Payne, Jocelyn Hauser
EPI_ISL_804982, EPI_ISL_804983	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_806736, EPI_ISL_806737, EPI_ISL_806739, EPI_ISL_806741	SIESP DIPARTIMENTO DI PREVENZIONE TERAMO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_806750, EPI_ISL_806751, EPI_ISL_806755, EPI_ISL_806757	SIESP DIPARTIMENTO DI PREVENZIONE 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, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_806768, EPI_ISL_806777, EPI_ISL_806778	SIESP DIPARTIMENTO DI PREVENZIONE TERAMO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_806783	Casa di cura Di Lorenzo- Avezzano	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_806788	SIESP DIPARTIMENTO DI PREVENZIONE TERAMO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_806796, EPI_ISL_806798	SIESP CHIETI - DRIVE IN ORTONA	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G.	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G

EPI_ISL_806800	SIESP CHIETI - DRIVE IN GISSI	Caporale" Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_807154, EPI_ISL_807155, EPI_ISL_807156	Deva County Emergency Hospital	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_811041, EPI_ISL_811046, EPI_ISL_811051, EPI_ISL_811062, EPI_ISL_811065, EPI_ISL_811071, EPI_ISL_811077, EPI_ISL_811081, EPI_ISL_811082, EPI_ISL_811083, EPI_ISL_811084, EPI_ISL_811086, EPI_ISL_811087, EPI_ISL_811091, EPI_ISL_811094, EPI_ISL_811096, EPI_ISL_811098, EPI_ISL_811099, EPI_ISL_811101, EPI_ISL_811102, EPI_ISL_811105, EPI_ISL_811115, EPI_ISL_811119, EPI_ISL_811120	Respiratory Virus Unit, National Infection Service, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team
see above			
EPI_ISL_811139	Ministry of Health Turkey	Ministry of Health Turkey	Fatma Bayrakdar, Yasemin Cogun, Süleyman Yalcin, Aye Baak Alta, Gülay Korukluolu
EPI_ISL_811236, EPI_ISL_811241, EPI_ISL_811247, EPI_ISL_811275, EPI_ISL_811293, EPI_ISL_811310, EPI_ISL_811312, EPI_ISL_811321, EPI_ISL_811345, EPI_ISL_811350, EPI_ISL_811353, EPI_ISL_811377, EPI_ISL_811414, EPI_ISL_811472, EPI_ISL_811516, EPI_ISL_811519, EPI_ISL_811530, EPI_ISL_811563, EPI_ISL_811573, EPI_ISL_811580, EPI_ISL_811617, EPI_ISL_811618, EPI_ISL_811620, EPI_ISL_811627, EPI_ISL_811645, EPI_ISL_811650, EPI_ISL_811661, EPI_ISL_811669, EPI_ISL_811677, EPI_ISL_811678, EPI_ISL_811682, EPI_ISL_811688	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
see above			
EPI_ISL_811713	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_811720, EPI_ISL_811750, EPI_ISL_811753, EPI_ISL_811756, EPI_ISL_811767, EPI_ISL_811785, EPI_ISL_811808, EPI_ISL_811811, EPI_ISL_811812, EPI_ISL_811813, EPI_ISL_811815, EPI_ISL_811817, EPI_ISL_811818, EPI_ISL_811820, EPI_ISL_811821, EPI_ISL_811822, EPI_ISL_811823, EPI_ISL_811824, EPI_ISL_811828, EPI_ISL_811829, EPI_ISL_811831, EPI_ISL_811833, EPI_ISL_811835, EPI_ISL_811838, EPI_ISL_811839, EPI_ISL_811843, EPI_ISL_811844, EPI_ISL_811846, EPI_ISL_811847, EPI_ISL_811848, EPI_ISL_811851, EPI_ISL_811857, EPI_ISL_811858, EPI_ISL_811860, EPI_ISL_811861, EPI_ISL_811866, EPI_ISL_811867, EPI_ISL_811869, EPI_ISL_811871, EPI_ISL_811875, EPI_ISL_811876, EPI_ISL_811878, EPI_ISL_811879, EPI_ISL_811881, EPI_ISL_811883, EPI_ISL_811887, EPI_ISL_811891, EPI_ISL_811897, EPI_ISL_811898, EPI_ISL_811903, EPI_ISL_811904, EPI_ISL_811905, EPI_ISL_811908, EPI_ISL_811909, EPI_ISL_811910, EPI_ISL_811913, EPI_ISL_811914, EPI_ISL_811915, EPI_ISL_811916, EPI_ISL_811918, EPI_ISL_811919, EPI_ISL_811920, EPI_ISL_811921, EPI_ISL_811923, EPI_ISL_811925, EPI_ISL_811926, EPI_ISL_811927, EPI_ISL_811928, EPI_ISL_811929, EPI_ISL_811930, EPI_ISL_811931, EPI_ISL_811932, EPI_ISL_811936, EPI_ISL_811937, EPI_ISL_811939, EPI_ISL_811940, EPI_ISL_811942, EPI_ISL_811945, EPI_ISL_811947, EPI_ISL_811950, EPI_ISL_811951, EPI_ISL_811952, EPI_ISL_811953, EPI_ISL_811954, EPI_ISL_811955, EPI_ISL_811956, EPI_ISL_811961, EPI_ISL_811962, EPI_ISL_811963, EPI_ISL_811964, EPI_ISL_811965, EPI_ISL_811966, EPI_ISL_811967, EPI_ISL_811971, EPI_ISL_811972, EPI_ISL_811973, EPI_ISL_811974, EPI_ISL_811975, EPI_ISL_811976, EPI_ISL_811978, EPI_ISL_811979, EPI_ISL_811980, EPI_ISL_811982, EPI_ISL_811986, EPI_ISL_811987, EPI_ISL_811988, EPI_ISL_811989, EPI_ISL_811990, EPI_ISL_811992, EPI_ISL_811993, EPI_ISL_811995, EPI_ISL_811996, EPI_ISL_811999, EPI_ISL_812002, EPI_ISL_812003, EPI_ISL_812005, EPI_ISL_812006, EPI_ISL_812008, EPI_ISL_812011, EPI_ISL_812012, EPI_ISL_812015, EPI_ISL_812017, EPI_ISL_812020, EPI_ISL_812021, EPI_ISL_812022, EPI_ISL_812023, EPI_ISL_812024, EPI_ISL_812026, EPI_ISL_812029, EPI_ISL_812032, EPI_ISL_812033, EPI_ISL_812034, EPI_ISL_812036, EPI_ISL_812039, EPI_ISL_812041, EPI_ISL_812044, EPI_ISL_812047, EPI_ISL_812049, EPI_ISL_812053, EPI_ISL_812057, EPI_ISL_812059, EPI_ISL_812062, EPI_ISL_812065, EPI_ISL_812068, EPI_ISL_812071, EPI_ISL_812073, EPI_ISL_812074, EPI_ISL_812078, EPI_ISL_812079, EPI_ISL_812082, EPI_ISL_812084, EPI_ISL_812085, EPI_ISL_812086, EPI_ISL_812087, EPI_ISL_812091, EPI_ISL_812092, EPI_ISL_812094, EPI_ISL_812095, EPI_ISL_812096, EPI_ISL_812098, EPI_ISL_812099, EPI_ISL_812101, EPI_ISL_812102, EPI_ISL_812104, EPI_ISL_812105, EPI_ISL_812109, EPI_ISL_812110, EPI_ISL_812111, EPI_ISL_812112, EPI_ISL_812113	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
see above			
EPI_ISL_812298, EPI_ISL_812299, EPI_ISL_812303	Delaware Public Health Lab	Delaware Public Health Lab	Gregory Hovan
EPI_ISL_812348	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_812424, EPI_ISL_812426, EPI_ISL_812427, EPI_ISL_812428, EPI_ISL_812429, EPI_ISL_812430, EPI_ISL_812433	Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)	MDU-PHL	Seemann T., Sait, M.L., Sherry, N.L.
EPI_ISL_812437	Victorian Infectious Diseases Reference Laboratory (VIDRL)	VIDRL and MDU-PHL	Caly L., Seemann T., Sait, M.L., Druce J., Sherry, N.L.
EPI_ISL_812443, EPI_ISL_812444, EPI_ISL_812445, EPI_ISL_812446, EPI_ISL_812448, EPI_ISL_812449, EPI_ISL_812450, EPI_ISL_812451, EPI_ISL_812452, EPI_ISL_812453, EPI_ISL_812454, EPI_ISL_812455, EPI_ISL_812456, EPI_ISL_812457, EPI_ISL_812458, EPI_ISL_812460, EPI_ISL_812461, EPI_ISL_812462, EPI_ISL_812463, EPI_ISL_812464, EPI_ISL_812465, EPI_ISL_812466, EPI_ISL_812467, EPI_ISL_812468, EPI_ISL_812469, EPI_ISL_812470, EPI_ISL_812471, EPI_ISL_812472, EPI_ISL_812473, EPI_ISL_812474, EPI_ISL_812475, EPI_ISL_812477, EPI_ISL_812478, EPI_ISL_812479, EPI_ISL_812482, EPI_ISL_812483, EPI_ISL_812484, EPI_ISL_812491, EPI_ISL_812495, EPI_ISL_812496, EPI_ISL_812497, EPI_ISL_812498, EPI_ISL_812499, EPI_ISL_812500, EPI_ISL_812501, EPI_ISL_812503, EPI_ISL_812504, EPI_ISL_812506, EPI_ISL_812509, EPI_ISL_812510, EPI_ISL_812511, EPI_ISL_812512, EPI_ISL_812513, EPI_ISL_812514, EPI_ISL_812515, EPI_ISL_812516, EPI_ISL_812517, EPI_ISL_812712, EPI_ISL_812714, EPI_ISL_812715, EPI_ISL_812717, EPI_ISL_812719, EPI_ISL_812720, EPI_ISL_812721	Laboratorio de Referencia Nacional de Virus Respiratorios, Instituto Nacional de Salud Peru	Laboratorio de Genómica Microbiana, Universidad Peruana Cayetano Heredia	Pablo Tsukayama, Alejandra Dávila-Barclay, Guillermo Salvatierra, Luis González, Pedro E. Romero, Brenda Ayzanoa, Janet Huancachoque, Pool Marcos, Camila Castillo-Vilcahuamán, Oscar Escalante, Priscila Lope, Nancy Rojas
see above			
EPI_ISL_812728	DOHMH Riverside	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_812730	DOHMH Crown Heights	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_812731	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_812732	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_812734, EPI_ISL_812738	DOHMH Crown Heights	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_812739	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_812743, EPI_ISL_812744	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_812745	DOHMH Riverside	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_812748	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_812749	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_812750, EPI_ISL_812751	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_812753, EPI_ISL_812754, EPI_ISL_812755, EPI_ISL_812757	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_812760	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_812763, EPI_ISL_812764, EPI_ISL_812780, EPI_ISL_812875, EPI_ISL_812880, EPI_ISL_812888, EPI_ISL_812913, EPI_ISL_812917	Ministry of Health Turkey	Ministry of Health Turkey	Fatma Bayrakdar, Yasemin Cogun, Süleyman Yalcin, Aye Baak Alta, Gülay Korukluolu
EPI_ISL_812922	Pasteur Institute in Ho Chi Minh city	Department of Microbiology and Immunology - Pasteur Institute in Ho Chi Minh city	Manh Huy Dao, Hang Thi Thu Pham, Nhung Pham Hong Vu, Hieu Minh Le, Thang Minh Cao, Loan Thi Kim Huynh, Long Thanh Nguyen, Anh Hoang Nguyen, Hieu Trung Nguyen, Thao Thi Ngoc Nguyen, Thinh Viet Nguyen, Quang Duy Pham, Quang Chan Luong, Lan Trong Phan, Thuong Vu Nguyen.
EPI_ISL_813031, EPI_ISL_813033, EPI_ISL_813034, EPI_ISL_813035, EPI_ISL_813036, EPI_ISL_813039, EPI_ISL_813040, EPI_ISL_813042, EPI_ISL_813044, EPI_ISL_813063, EPI_ISL_813065, EPI_ISL_813067, EPI_ISL_813073, EPI_ISL_813074, EPI_ISL_813076, EPI_ISL_813077, EPI_ISL_813082, EPI_ISL_813083, EPI_ISL_813085, EPI_ISL_813093, EPI_ISL_813094, EPI_ISL_813108, EPI_ISL_813111, EPI_ISL_813116, EPI_ISL_813120, EPI_ISL_813123, EPI_ISL_813136, EPI_ISL_813138, EPI_ISL_813144, EPI_ISL_813147, EPI_ISL_813149	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
see above			
EPI_ISL_813167, EPI_ISL_813171, EPI_ISL_813177, EPI_ISL_813185, EPI_ISL_813186, EPI_ISL_813191, EPI_ISL_813192, EPI_ISL_813193, EPI_ISL_813198, EPI_ISL_813204, EPI_ISL_813206, EPI_ISL_813214, EPI_ISL_813216, EPI_ISL_813219, EPI_ISL_813221, EPI_ISL_813224, EPI_ISL_813226, EPI_ISL_813227, EPI_ISL_813231, EPI_ISL_813237, EPI_ISL_813239, EPI_ISL_813240, EPI_ISL_813245, EPI_ISL_813246, EPI_ISL_813254, EPI_ISL_813255, EPI_ISL_813257, EPI_ISL_813262, EPI_ISL_813264, EPI_ISL_813267, EPI_ISL_813272, EPI_ISL_813276, EPI_ISL_813285, EPI_ISL_813286, EPI_ISL_813287, EPI_ISL_813288, EPI_ISL_813289, EPI_ISL_813290, EPI_ISL_813292, EPI_ISL_813294, EPI_ISL_813297, EPI_ISL_813301, EPI_ISL_813307, EPI_ISL_813310, EPI_ISL_813313, EPI_ISL_813316, EPI_ISL_813319, EPI_ISL_813320, EPI_ISL_813324, EPI_ISL_813329, EPI_ISL_813335, EPI_ISL_813340, EPI_ISL_813343,			

EPI_ISL_813345, EPI_ISL_813349			
see above	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun, Yasmin Chaudhry, Grant Hall, Iliana Georgana, Myra Hosmillo, Martin D. Curran, Malte Pinckert, Surendra Parmar, Ian Goodfellow
EPI_ISL_813357, EPI_ISL_813359, EPI_ISL_813365, EPI_ISL_813367, EPI_ISL_813368, EPI_ISL_813369, EPI_ISL_813370, EPI_ISL_813371, EPI_ISL_813382, EPI_ISL_813387, EPI_ISL_813388, EPI_ISL_813405, EPI_ISL_813409, EPI_ISL_813414, EPI_ISL_813417, EPI_ISL_813419, EPI_ISL_813421, EPI_ISL_813425, EPI_ISL_813426, EPI_ISL_813427, EPI_ISL_813430, EPI_ISL_813434, EPI_ISL_813442, EPI_ISL_813451, EPI_ISL_813455, EPI_ISL_813456, EPI_ISL_813458, EPI_ISL_813459, EPI_ISL_813462, EPI_ISL_813467, EPI_ISL_813471, EPI_ISL_813472, EPI_ISL_813476, EPI_ISL_813480, EPI_ISL_813491, EPI_ISL_813494, EPI_ISL_813495, EPI_ISL_813497, EPI_ISL_813498, EPI_ISL_813503, EPI_ISL_813509, EPI_ISL_813511, EPI_ISL_813512, EPI_ISL_813514, EPI_ISL_813517, EPI_ISL_813521, EPI_ISL_813523, EPI_ISL_813528, EPI_ISL_813532, EPI_ISL_813561, EPI_ISL_813564, EPI_ISL_813588, EPI_ISL_813594, EPI_ISL_813603, EPI_ISL_813604, EPI_ISL_813609, EPI_ISL_813612, EPI_ISL_813618, EPI_ISL_813620, EPI_ISL_813622, EPI_ISL_813629, EPI_ISL_813630, EPI_ISL_813632, EPI_ISL_813633, EPI_ISL_813643, EPI_ISL_813644, EPI_ISL_813646, EPI_ISL_813648, EPI_ISL_813651	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_813656	Kettering General Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Patrick McClure, Joseph Chappell, Theocharis Tsoileridis, Jonathan Ball, Nadine Holmes, Matthew Carlisle, Christopher Moore, Fei Sang, Johnny Debebe, Victoria Wright, Matthew Loose
EPI_ISL_813682, EPI_ISL_813686, EPI_ISL_813692, EPI_ISL_813693, EPI_ISL_813694, EPI_ISL_813699	Liverpool Clinical Laboratories	COVID-19 Genomics UK (COG-UK) Consortium	Sam Haldenby, Anita Lucaci, Steve Paterson, Julian Hiscox, Alistair Darby, M Almsaud, A Alrezaihi, Muhannad Alruwaili, Stuart D Armstrong, Jones Benjamin, Eleanor G Bentley, Anu Chawla, Jordan J Clark, Angela Cowell, Richard Eccles, Isabel Garcia-Dorival, Matthew Gemmell, Alessandro Gerada, PKF Gilmore, Richard Gregory, Ximeng Han, Catherine Hartley, Margaret Hughes, Miren Iturriza-Gomara, James Johnson, L Luu, Jenifer Manson, Charlotte Nelson, Elaine O'Toole, Cassie Olateju, Rebekah Penrice-Randal, Lucille Rainbow, N.P Randle, Trevor Ian Robinson, Parul Sharma, Ghada T Shawli, James P Stewart, Neil Swainston, Ecaterina Vamos, Joanne Watts, Mark Whitehead
EPI_ISL_813976	Norwegian Institute of Public Health, Department of Virology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_813978	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, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_814031, EPI_ISL_814055	Hospital General Universitario Gregorio Marañón	SeqCOVID-SPAIN consortium/IBV(CSIC)	Dario Garcia de Viedma, Laura Pérez-Lago, Marta Herranz, Jon Sicilia, Julia Suárez, Pilar Catalán, Patricia Muñoz and SeqCOVID-SPAIN consortium
EPI_ISL_814097, EPI_ISL_814108, EPI_ISL_814113, EPI_ISL_814116, EPI_ISL_814118, EPI_ISL_814122, EPI_ISL_814123, EPI_ISL_814127, EPI_ISL_814130, EPI_ISL_814134, EPI_ISL_814145, EPI_ISL_814146, EPI_ISL_814147, EPI_ISL_814154, EPI_ISL_814157, EPI_ISL_814159, EPI_ISL_814163, EPI_ISL_814170, EPI_ISL_814171, EPI_ISL_814172, EPI_ISL_814175, EPI_ISL_814177, EPI_ISL_814239, EPI_ISL_814243			
see above	Israel Central Virology laboratory	Israel National Consortium for SARS-CoV-2 sequencing	Neta Zuckerman, Efrat Dahan Bucris, Michal Mandelboim, Dana Bar-Ilan, Oran Erster, Tzvia Mann, Omer Murik, David A. Zeevi, Assaf Rokney, Joseph Jaffe, Eva Nachum, Maya Davidovich Cohen, Ephraim Fass, Gal Zizelski Valenci, Mor Rubinstein, Efrat Rorman, Israel Nissan, Efrat Glick-Saar, Omri Nayshool, Gideon Rechavi, Ella Mendelson, Orna Mor
EPI_ISL_814418, EPI_ISL_814419, EPI_ISL_814421	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_814423	Wales Specialist Virology Centre Sequencing lab: Pathogen Genomics Unit	COVID-19 Genomics UK (COG-UK) Consortium	Catherine Moore, Johnathan Evans, Laura Gifford, Malorie Perry, Simon Cottrell, Angela Marchbank, Alec Birchley, Alexander Adams, Amy Gaskin, Bree Gatica-Wilcox, Jason Coombes, Joel Southgate, Lauren Gilbert, Lee Graham, Nicole Pacchiarini, Sara Kumziene-Summerhayes, Sarah Taylor, Sophie Jones, Sara Rey, Matthew Bull, Joanne Watkins, Sally Corden, Tom Connor
EPI_ISL_814424, EPI_ISL_814425, EPI_ISL_814426, EPI_ISL_814428, EPI_ISL_814430, EPI_ISL_814432, EPI_ISL_814434, EPI_ISL_814435, EPI_ISL_814436, EPI_ISL_814438	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_814440, EPI_ISL_814441, EPI_ISL_814443, EPI_ISL_814444, EPI_ISL_814445, EPI_ISL_814448, EPI_ISL_814451, EPI_ISL_814452, EPI_ISL_814453, EPI_ISL_814455, EPI_ISL_814456, EPI_ISL_814457			
see above	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_814460, EPI_ISL_814461, EPI_ISL_814462, EPI_ISL_814463, EPI_ISL_814465	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian / School of Biological Sciences, University of Edinburgh / Institute of Genetics and Molecular Medicine, University of Edinburgh	COVID-19 Genomics UK (COG-UK) Consortium	McHugh M, Dewar R, Rooke S, Gallagher M, Balcaza C, O'Toole Á, Scher E, Hill V, McCrone JT, Colquhoun R, Yu X, Jackson B, Rambaut A, Williams TC, Templeton K
EPI_ISL_814466, EPI_ISL_814467	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik, David Bonsall, George Macintyre, Amy Trebes, Mariateresa de Cesare, Catrin Moore, Alex Mobbs, Anita Justice, Robert Shaw, Monique Andersson, Timothy Peto, Emma Wise, Nathan Moore, Jessica Lynch, Nick Cortes, Matilde Mori, Stephen Kidd, David Buck, John Todd, Christophe Fraser
EPI_ISL_814472, EPI_ISL_814481, EPI_ISL_814483, EPI_ISL_814484, EPI_ISL_814485, EPI_ISL_814502, EPI_ISL_814505, EPI_ISL_814506, EPI_ISL_814508, EPI_ISL_814509	Wales Specialist Virology Centre Sequencing lab: Pathogen Genomics Unit	COVID-19 Genomics UK (COG-UK) Consortium	Catherine Moore, Johnathan Evans, Laura Gifford, Malorie Perry, Simon Cottrell, Angela Marchbank, Alec Birchley, Alexander Adams, Amy Gaskin, Bree Gatica-Wilcox, Jason Coombes, Joel Southgate, Lauren Gilbert, Lee Graham, Nicole Pacchiarini, Sara Kumziene-Summerhayes, Sarah Taylor, Sophie Jones, Sara Rey, Matthew Bull, Joanne Watkins, Sally Corden, Tom Connor
EPI_ISL_814518, EPI_ISL_814519, EPI_ISL_814520, EPI_ISL_814522	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_814568	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_814572	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik, David Bonsall, George Macintyre, Amy Trebes, Mariateresa de Cesare, Catrin Moore, Alex Mobbs, Anita Justice, Robert Shaw, Monique Andersson, Timothy Peto, Emma Wise, Nathan Moore, Jessica Lynch, Nick Cortes, Matilde Mori, Stephen Kidd, David Buck, John Todd, Christophe Fraser
EPI_ISL_814573, EPI_ISL_814583, EPI_ISL_814585	Wales Specialist Virology Centre Sequencing lab: Pathogen Genomics Unit	COVID-19 Genomics UK (COG-UK) Consortium	Catherine Moore, Johnathan Evans, Laura Gifford, Malorie Perry, Simon Cottrell, Angela Marchbank, Alec Birchley, Alexander Adams, Amy Gaskin, Bree Gatica-Wilcox, Jason Coombes, Joel Southgate, Lauren Gilbert, Lee Graham, Nicole Pacchiarini, Sara Kumziene-Summerhayes, Sarah Taylor, Sophie Jones, Sara Rey, Matthew Bull, Joanne Watkins, Sally Corden, Tom Connor
EPI_ISL_814590, EPI_ISL_814591, EPI_ISL_814593	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_814594	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik, David Bonsall, George Macintyre, Amy Trebes, Mariateresa de Cesare, Catrin Moore, Alex Mobbs, Anita Justice, Robert Shaw, Monique Andersson, Timothy Peto, Emma Wise, Nathan Moore, Jessica Lynch, Nick Cortes, Matilde Mori, Stephen Kidd, David Buck, John Todd, Christophe Fraser
EPI_ISL_814596, EPI_ISL_814598, EPI_ISL_814600, EPI_ISL_814601	Wales Specialist Virology Centre Sequencing lab: Pathogen Genomics Unit	COVID-19 Genomics UK (COG-UK) Consortium	Catherine Moore, Johnathan Evans, Laura Gifford, Malorie Perry, Simon Cottrell, Angela Marchbank, Alec Birchley, Alexander Adams, Amy Gaskin, Bree Gatica-Wilcox, Jason Coombes, Joel Southgate, Lauren Gilbert, Lee Graham, Nicole Pacchiarini, Sara Kumziene-Summerhayes, Sarah Taylor, Sophie Jones, Sara Rey, Matthew Bull, Joanne Watkins, Sally Corden, Tom Connor
EPI_ISL_814610, EPI_ISL_814611, EPI_ISL_814612, EPI_ISL_814616, EPI_ISL_814618	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_814622, EPI_ISL_814626, EPI_ISL_814628, EPI_ISL_814630, EPI_ISL_814631, EPI_ISL_814632, EPI_ISL_814638, EPI_ISL_814639, EPI_ISL_814641, EPI_ISL_814647, EPI_ISL_814650, EPI_ISL_814661			
see above	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;



EPI_ISL_817832, EPI_ISL_817833, EPI_ISL_817835, EPI_ISL_817836, EPI_ISL_817837, EPI_ISL_817838, EPI_ISL_817839, EPI_ISL_817840, EPI_ISL_817841, EPI_ISL_817842, EPI_ISL_817844, EPI_ISL_817845, EPI_ISL_817846, EPI_ISL_817847, EPI_ISL_817848, EPI_ISL_817849, EPI_ISL_817850, EPI_ISL_817851, EPI_ISL_817852, EPI_ISL_817853, EPI_ISL_817854, EPI_ISL_817855, EPI_ISL_817856, EPI_ISL_817857, EPI_ISL_817858, EPI_ISL_817859, EPI_ISL_817860, EPI_ISL_817861, EPI_ISL_817862, EPI_ISL_817864, EPI_ISL_817865, EPI_ISL_817866, EPI_ISL_817867, EPI_ISL_817868, EPI_ISL_817869, EPI_ISL_817870, EPI_ISL_817871, EPI_ISL_817872, EPI_ISL_817873, EPI_ISL_817874, EPI_ISL_817875, EPI_ISL_817876, EPI_ISL_817878, EPI_ISL_817879, EPI_ISL_817881, EPI_ISL_817882, EPI_ISL_817883, EPI_ISL_817884, EPI_ISL_817886, EPI_ISL_817889, EPI_ISL_817890, EPI_ISL_817891, EPI_ISL_817892, EPI_ISL_817893, EPI_ISL_817894, EPI_ISL_817895, EPI_ISL_817896, EPI_ISL_817897, EPI_ISL_817898, EPI_ISL_817899, EPI_ISL_817900, EPI_ISL_817901, EPI_ISL_817902, EPI_ISL_817903, EPI_ISL_817905, EPI_ISL_817906, EPI_ISL_817907, EPI_ISL_817908, EPI_ISL_817909, EPI_ISL_817910, EPI_ISL_817911, EPI_ISL_817912, EPI_ISL_817913, EPI_ISL_817914, EPI_ISL_817915, EPI_ISL_817916, EPI_ISL_817917, EPI_ISL_817918, EPI_ISL_817919, EPI_ISL_817922, EPI_ISL_817923, EPI_ISL_817924, EPI_ISL_817925, EPI_ISL_817926, EPI_ISL_817928, EPI_ISL_817929, EPI_ISL_817930, EPI_ISL_817931, EPI_ISL_817932, EPI_ISL_817933, EPI_ISL_817934, EPI_ISL_817935, EPI_ISL_817936, EPI_ISL_817937, EPI_ISL_817938, EPI_ISL_817939, EPI_ISL_817940, EPI_ISL_817941, EPI_ISL_817942, EPI_ISL_817943, EPI_ISL_817944, EPI_ISL_817945, EPI_ISL_817946, EPI_ISL_817947, EPI_ISL_817948, EPI_ISL_817949, EPI_ISL_817951, EPI_ISL_817953, EPI_ISL_817954, EPI_ISL_817955, EPI_ISL_817957, EPI_ISL_817958, EPI_ISL_817959, EPI_ISL_817961, EPI_ISL_817962, EPI_ISL_817963, EPI_ISL_817964, EPI_ISL_817965, EPI_ISL_817966, EPI_ISL_817967, EPI_ISL_817968, EPI_ISL_817969, EPI_ISL_817970, EPI_ISL_817971, EPI_ISL_817972, EPI_ISL_817973, EPI_ISL_817974, EPI_ISL_817975, EPI_ISL_817977, EPI_ISL_817978, EPI_ISL_817979, EPI_ISL_817980, EPI_ISL_817981, EPI_ISL_817982, EPI_ISL_817983, EPI_ISL_817985, EPI_ISL_817986, EPI_ISL_817987, EPI_ISL_817989, EPI_ISL_817990, EPI_ISL_817991, EPI_ISL_817992, EPI_ISL_817994, EPI_ISL_817995, EPI_ISL_817996, EPI_ISL_817998, EPI_ISL_817999, EPI_ISL_818000, EPI_ISL_818001, EPI_ISL_818002, EPI_ISL_818003, EPI_ISL_818004, EPI_ISL_818005, EPI_ISL_818006, EPI_ISL_818007, EPI_ISL_818008, EPI_ISL_818009, EPI_ISL_818010, EPI_ISL_818011, EPI_ISL_818012, EPI_ISL_818013, EPI_ISL_818014, EPI_ISL_818015, EPI_ISL_818016, EPI_ISL_818017, EPI_ISL_818018, EPI_ISL_818019, EPI_ISL_818020, EPI_ISL_818022, EPI_ISL_818023, EPI_ISL_818026, EPI_ISL_818027, EPI_ISL_818028, EPI_ISL_818029, EPI_ISL_818030, EPI_ISL_818031, EPI_ISL_818032, EPI_ISL_818033, EPI_ISL_818034, EPI_ISL_818035, EPI_ISL_818036, EPI_ISL_818037, EPI_ISL_818038, EPI_ISL_818039, EPI_ISL_818040, EPI_ISL_818042, EPI_ISL_818043, EPI_ISL_818044, EPI_ISL_818045, EPI_ISL_818046, EPI_ISL_818047, EPI_ISL_818048, EPI_ISL_818050, EPI_ISL_818052, EPI_ISL_818053, EPI_ISL_818054, EPI_ISL_818055, EPI_ISL_818056, EPI_ISL_818057, EPI_ISL_818059, EPI_ISL_818061, EPI_ISL_818062, EPI_ISL_818063, EPI_ISL_818065, EPI_ISL_818069, EPI_ISL_818070, EPI_ISL_818071, EPI_ISL_818072, EPI_ISL_818073, EPI_ISL_818074, EPI_ISL_818075, EPI_ISL_818076, EPI_ISL_818079, EPI_ISL_818081, EPI_ISL_818082, EPI_ISL_818083, EPI_ISL_818084, EPI_ISL_818085, EPI_ISL_818086, EPI_ISL_818087, EPI_ISL_818088, EPI_ISL_818089, EPI_ISL_818090, EPI_ISL_818091, EPI_ISL_818092, EPI_ISL_818093, EPI_ISL_818094, EPI_ISL_818095, EPI_ISL_818097, EPI_ISL_818098, EPI_ISL_818099, EPI_ISL_818100, EPI_ISL_818101, EPI_ISL_818102, EPI_ISL_818103, EPI_ISL_818104, EPI_ISL_818105, EPI_ISL_818106, EPI_ISL_818107, EPI_ISL_818108, EPI_ISL_818109, EPI_ISL_818110, EPI_ISL_818112, EPI_ISL_818113, EPI_ISL_818114, EPI_ISL_818115, EPI_ISL_818116, EPI_ISL_818117, EPI_ISL_818118, EPI_ISL_818119, EPI_ISL_818121, EPI_ISL_818122	see above	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertain Lab, Department of Chemistry and Bioscience, Aalborg University, Denmark	Danish Covid-19 Genome Consortium
EPI_ISL_819163, EPI_ISL_819169, EPI_ISL_819170, EPI_ISL_819173, EPI_ISL_819184, EPI_ISL_819185, EPI_ISL_819193, EPI_ISL_819194, EPI_ISL_819197, EPI_ISL_819200		Servicio de Microbiología, Hospital Universitario Son Espases	SeqCOVID-SPAIN consortium/IBV(CSIC)	Carla López-Causapé, Jordi Reina, Antonio Oliver and SeqCOVID-SPAIN consortium
EPI_ISL_819398, EPI_ISL_819400, EPI_ISL_819401		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 Alkhan, Lizzie Meadows, Rachael Stanley, Ngozi Elumogo, Muhammed Yasir, Nicholas M. Thomson, Alexander J Trotter, Rachel Gilroy, Samuel Bloomfield, Claire Stuart, Andrew Bell, Reenesh Prakash, Samir Devisevic, Alison E. Mather, John Wain, Mark Webber, Andrew J. Page, Justin O'Grady
EPI_ISL_819568		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_819578		Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik, David Bonsall, George Macintyre, Amy Trebes, Mariateresa de Cesare, Catrin Moore, Alex Mobbs, Anita Justice, Robert Shaw, Monique Andersson, Timothy Peto, Emma Wise, Nathan Moore, Jessica Lynch, Nick Cortes, Matilde Mori, Stephen Kidd, David Buck, John Todd, Christophe Fraser
EPI_ISL_819584		Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Gemma Clark, Wendy Smith, Manjinder Khakh, Vicki M Fleming, Michelle M Lister, Hannah Howson-Wells, Jonathan Ball, Patrick McClure, Joseph Chappell, Theocharis Tsoleridis, Nadine Holmes, Matthew Carlisle, Christopher Moore, Fei Sang, Johnny Debebe, Victoria Wright, Matthew Loose
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EPI_ISL_819597, EPI_ISL_819598, EPI_ISL_819599, EPI_ISL_819600, EPI_ISL_819602, EPI_ISL_819603, EPI_ISL_819604		Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Gemma Clark, Wendy Smith, Manjinder Khakh, Vicki M Fleming, Michelle M Lister, Hannah Howson-Wells, Jonathan Ball, Patrick McClure, Joseph Chappell, Theocharis Tsoleridis, Nadine Holmes, Matthew Carlisle, Christopher Moore, Fei Sang, Johnny Debebe, Victoria Wright, Matthew Loose
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EPI_ISL_819648, EPI_ISL_819649, EPI_ISL_819652		Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Gemma Clark, Wendy Smith, Manjinder Khakh, Vicki M Fleming, Michelle M Lister, Hannah Howson-Wells, Jonathan Ball, Patrick McClure, Joseph Chappell, Theocharis Tsoleridis, Nadine Holmes, Matthew Carlisle, Christopher Moore, Fei Sang, Johnny Debebe, Victoria Wright, Matthew Loose
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EPI_ISL_819686, EPI_ISL_819688		Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Gemma Clark, Wendy Smith, Manjinder Khakh, Vicki M Fleming, Michelle M Lister, Hannah Howson-Wells, Jonathan Ball, Patrick McClure, Joseph Chappell, Theocharis Tsoleridis, Nadine Holmes, Matthew Carlisle, Christopher Moore, Fei Sang, Johnny Debebe, Victoria Wright, Matthew Loose
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All Submitters of data may be contacted directly via [www.gisaid.org](http://www.gisaid.org)

Authors are sorted alphabetically.

Accession ID	Originating Laboratory	Submitting Laboratory	Authors
EPI_ISL_819706, EPI_ISL_819708, EPI_ISL_819709, EPI_ISL_819712, EPI_ISL_819713, EPI_ISL_819714, EPI_ISL_819716, EPI_ISL_819717, EPI_ISL_819718, EPI_ISL_819719, EPI_ISL_819721, EPI_ISL_819722			
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see above	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik, David Bonsall, George Macintyre, Amy Trebes, Mariateresa de Cesare, Catrin Moore, Alex Mobbs, Anita Justice, Robert Shaw, Monique Andersson, Timothy Peto, Emma Wise, Nathan Moore, Jessica Lynch, Nick Cortes, Matilde Mori, Stephen Kidd, David Buck, John Todd, Christophe Fraser
EPI_ISL_819801	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Gemma Clark, Wendy Smith, Manjinder Khakh, Vicki M Fleming, Michelle M Lister, Hannah Howson-Wells, Jonathan Ball, Patrick McClure, Joseph Chappell, Theocharis Tsoleridis, Nadine Holmes, Matthew Carlisle, Christopher Moore, Fei Sang, Johnny Debebe, Victoria Wright, Matthew Loose
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see above	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik, David Bonsall, George Macintyre, Amy Trebes, Mariateresa de Cesare, Catrin Moore, Alex Mobbs, Anita Justice, Robert Shaw, Monique Andersson, Timothy Peto, Emma Wise, Nathan Moore, Jessica Lynch, Nick Cortes, Matilde Mori, Stephen Kidd, David Buck, John Todd, Christophe Fraser
EPI_ISL_819830, EPI_ISL_819832	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Gemma Clark, Wendy Smith, Manjinder Khakh, Vicki M Fleming, Michelle M Lister, Hannah Howson-Wells, Jonathan Ball, Patrick McClure, Joseph Chappell, Theocharis Tsoleridis, Nadine Holmes, Matthew Carlisle, Christopher Moore, Fei Sang, Johnny Debebe, Victoria Wright, Matthew Loose
EPI_ISL_819835, EPI_ISL_819836, EPI_ISL_819837, EPI_ISL_819838, EPI_ISL_819839, EPI_ISL_819840, EPI_ISL_819841, EPI_ISL_819842, EPI_ISL_819843, EPI_ISL_819844, EPI_ISL_819845, EPI_ISL_819846, EPI_ISL_819847, EPI_ISL_819848, EPI_ISL_819849, EPI_ISL_819850, EPI_ISL_819852, EPI_ISL_819853, EPI_ISL_819854, EPI_ISL_819855, EPI_ISL_819856, EPI_ISL_819857, EPI_ISL_819858, EPI_ISL_819859, EPI_ISL_819860, EPI_ISL_819861, EPI_ISL_819862, EPI_ISL_819863, EPI_ISL_819866, EPI_ISL_819868, EPI_ISL_819869, EPI_ISL_819870, EPI_ISL_819871, EPI_ISL_819872			
see above	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Tanya Golubchik, David Bonsall, George Macintyre, Amy Trebes, Mariateresa de Cesare, Catrin Moore, Alex Mobbs, Anita Justice, Robert Shaw, Monique Andersson, Timothy Peto, Emma Wise, Nathan Moore, Jessica Lynch, Nick Cortes, Matilde Mori, Stephen Kidd, David Buck, John Todd, Christophe Fraser
EPI_ISL_819900, EPI_ISL_819901, EPI_ISL_819934, EPI_ISL_819971, EPI_ISL_819976, EPI_ISL_820004, EPI_ISL_820005	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_820006	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Gemma Clark, Wendy Smith, Manjinder Khakh, Vicki M Fleming, Michelle M Lister, Hannah Howson-Wells, Jonathan Ball, Patrick McClure, Joseph Chappell, Theocharis Tsoleridis, Nadine Holmes, Matthew Carlisle, Christopher Moore, Fei Sang, Johnny Debebe, Victoria Wright, Matthew Loose
EPI_ISL_820021, EPI_ISL_820026, EPI_ISL_820044, EPI_ISL_820072	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_820129, EPI_ISL_820132, EPI_ISL_820137, EPI_ISL_820140, EPI_ISL_820143, EPI_ISL_820145	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_820147, EPI_ISL_820152	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_820155, EPI_ISL_820160, EPI_ISL_820162, EPI_ISL_820163	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_820164	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_820166	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_820167	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_820168, EPI_ISL_820170	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_820171	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_820172	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_820174	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_820175	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,





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EPI_ISL_821617	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_821619, EPI_ISL_821629, EPI_ISL_821631, EPI_ISL_821632, EPI_ISL_821634, EPI_ISL_821635, EPI_ISL_821636, EPI_ISL_821637, EPI_ISL_821638, EPI_ISL_821641, EPI_ISL_821642, EPI_ISL_821643, EPI_ISL_821644, EPI_ISL_821645, EPI_ISL_821646, EPI_ISL_821647, EPI_ISL_821651, EPI_ISL_821652, EPI_ISL_821653, EPI_ISL_821655, EPI_ISL_821657, EPI_ISL_821658			
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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_821662, EPI_ISL_821663, EPI_ISL_821665, EPI_ISL_821670, EPI_ISL_821673, EPI_ISL_821679, EPI_ISL_821680, EPI_ISL_821681, EPI_ISL_821682, EPI_ISL_821683, EPI_ISL_821685, EPI_ISL_821690, EPI_ISL_821691, EPI_ISL_821692, EPI_ISL_821694, EPI_ISL_821695, EPI_ISL_821696, EPI_ISL_821697, EPI_ISL_821699, EPI_ISL_821703, EPI_ISL_821704, EPI_ISL_821706, EPI_ISL_821712, EPI_ISL_821714, EPI_ISL_821715, EPI_ISL_821717, EPI_ISL_821719, EPI_ISL_821722, EPI_ISL_821728, EPI_ISL_821732, EPI_ISL_821736, EPI_ISL_821738, EPI_ISL_821739, EPI_ISL_821740, EPI_ISL_821744, EPI_ISL_821748, EPI_ISL_821749, EPI_ISL_821750, EPI_ISL_821753, EPI_ISL_821754, EPI_ISL_821757, EPI_ISL_821759, EPI_ISL_821760, EPI_ISL_821762, EPI_ISL_821763, EPI_ISL_821764, EPI_ISL_821766, EPI_ISL_821771, EPI_ISL_821772, EPI_ISL_821778, EPI_ISL_821783, EPI_ISL_821785, EPI_ISL_821788, EPI_ISL_821790, EPI_ISL_821791, EPI_ISL_821795, EPI_ISL_821796, EPI_ISL_821798, EPI_ISL_821800, EPI_ISL_821808, EPI_ISL_821809, EPI_ISL_821813, EPI_ISL_821814, EPI_ISL_821821, EPI_ISL_821822, EPI_ISL_821824, EPI_ISL_821825, EPI_ISL_821826, EPI_ISL_821830, EPI_ISL_821832, EPI_ISL_821835, EPI_ISL_821837, EPI_ISL_821840, EPI_ISL_821843, EPI_ISL_821844, EPI_ISL_821846, EPI_ISL_821849, EPI_ISL_821850, EPI_ISL_821851, EPI_ISL_821855, EPI_ISL_821856, EPI_ISL_821857, EPI_ISL_821863, EPI_ISL_821864, EPI_ISL_821866, EPI_ISL_821869, EPI_ISL_821870, EPI_ISL_821877, EPI_ISL_821879, EPI_ISL_821880, EPI_ISL_821881, EPI_ISL_821883, EPI_ISL_821894, EPI_ISL_821900, EPI_ISL_821901, EPI_ISL_821904, EPI_ISL_821906, EPI_ISL_821907, EPI_ISL_821909, EPI_ISL_821913, EPI_ISL_821914, EPI_ISL_821916, EPI_ISL_821921, EPI_ISL_821922, EPI_ISL_821924, EPI_ISL_821925, EPI_ISL_821927, EPI_ISL_821928, EPI_ISL_821930, EPI_ISL_821936, EPI_ISL_821938, EPI_ISL_821940, EPI_ISL_821941, EPI_ISL_821945, EPI_ISL_821946, EPI_ISL_821947, EPI_ISL_821948, EPI_ISL_821951, EPI_ISL_821953, EPI_ISL_821954, EPI_ISL_821957, EPI_ISL_821958, EPI_ISL_821965, EPI_ISL_821968, EPI_ISL_821970			
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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_821971, EPI_ISL_821977, EPI_ISL_821978, EPI_ISL_821979, EPI_ISL_821980, EPI_ISL_821986, EPI_ISL_821990, EPI_ISL_821998, EPI_ISL_821999, EPI_ISL_822000, EPI_ISL_822002, EPI_ISL_822008, EPI_ISL_822010, EPI_ISL_822012, EPI_ISL_822014, EPI_ISL_822015, EPI_ISL_822017, EPI_ISL_822018, EPI_ISL_822020, EPI_ISL_822021, EPI_ISL_822024, EPI_ISL_822025, EPI_ISL_822027, EPI_ISL_822028, EPI_ISL_822032, EPI_ISL_822038, EPI_ISL_822039, EPI_ISL_822045, EPI_ISL_822046, EPI_ISL_822050, EPI_ISL_822056, EPI_ISL_822062, EPI_ISL_822068, EPI_ISL_822071, EPI_ISL_822073, EPI_ISL_822074, EPI_ISL_822076, EPI_ISL_822077, EPI_ISL_822082, EPI_ISL_822082, EPI_ISL_822085, EPI_ISL_822088, EPI_ISL_822089, EPI_ISL_822090, EPI_ISL_822092, EPI_ISL_822102, EPI_ISL_822106, EPI_ISL_822108, EPI_ISL_822116, EPI_ISL_822118, EPI_ISL_822125, EPI_ISL_822126, EPI_ISL_822128, EPI_ISL_822131, EPI_ISL_822136, EPI_ISL_822138, EPI_ISL_822143, EPI_ISL_822144, EPI_ISL_822149, EPI_ISL_822152, EPI_ISL_822157, EPI_ISL_822161, EPI_ISL_822162, EPI_ISL_822166, EPI_ISL_822167, EPI_ISL_822168, EPI_ISL_822171, EPI_ISL_822172, EPI_ISL_822174, EPI_ISL_822175, EPI_ISL_822177, EPI_ISL_822180, EPI_ISL_822181, EPI_ISL_822185, EPI_ISL_822186, EPI_ISL_822187, EPI_ISL_822189, EPI_ISL_822192, EPI_ISL_822194, EPI_ISL_822198, EPI_ISL_822200, EPI_ISL_822203, EPI_ISL_822204, EPI_ISL_822205, EPI_ISL_822206, EPI_ISL_822207, EPI_ISL_822208, EPI_ISL_822210, EPI_ISL_822212, EPI_ISL_822215, EPI_ISL_822216, EPI_ISL_822219, EPI_ISL_822220, EPI_ISL_822222, EPI_ISL_822226, EPI_ISL_822227, EPI_ISL_822231, EPI_ISL_822234, EPI_ISL_822235, EPI_ISL_822238, EPI_ISL_822246, EPI_ISL_822254, EPI_ISL_822258, EPI_ISL_822259, EPI_ISL_822261, EPI_ISL_822262, EPI_ISL_822270, EPI_ISL_822271, EPI_ISL_822277, EPI_ISL_822287, EPI_ISL_822289, EPI_ISL_822290, EPI_ISL_822294			
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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_822295	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_822299	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_822300	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_822301	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_822305	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_822307	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_822308	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_822347, EPI_ISL_822348, EPI_ISL_822349, EPI_ISL_822362, EPI_ISL_822364, EPI_ISL_822382, EPI_ISL_822405, EPI_ISL_822431, EPI_ISL_822433, EPI_ISL_822450, EPI_ISL_822521, EPI_ISL_822525, EPI_ISL_822527, EPI_ISL_822540, EPI_ISL_822550, EPI_ISL_822553, EPI_ISL_822572, EPI_ISL_822603, EPI_ISL_822604, EPI_ISL_822605, EPI_ISL_822608, EPI_ISL_822609, EPI_ISL_822626, EPI_ISL_822629, EPI_ISL_822633, EPI_ISL_822634, EPI_ISL_822648, EPI_ISL_822660, EPI_ISL_822666, EPI_ISL_822669, EPI_ISL_822671, EPI_ISL_822681, EPI_ISL_822699, EPI_ISL_822701, EPI_ISL_822705, EPI_ISL_822730, EPI_ISL_822731, EPI_ISL_822732, EPI_ISL_822745, EPI_ISL_822746, EPI_ISL_822748, EPI_ISL_822749, EPI_ISL_822752, EPI_ISL_822753, EPI_ISL_822757, EPI_ISL_822762, EPI_ISL_822766, EPI_ISL_822768, EPI_ISL_822769, EPI_ISL_822797, EPI_ISL_823026, EPI_ISL_823029, EPI_ISL_823030, EPI_ISL_823031, EPI_ISL_823032, EPI_ISL_823033, EPI_ISL_823034, EPI_ISL_823036, EPI_ISL_823038, EPI_ISL_823039, EPI_ISL_823041, EPI_ISL_823057, EPI_ISL_823058, EPI_ISL_823059, EPI_ISL_823060, EPI_ISL_823061, EPI_ISL_823062, EPI_ISL_823063, EPI_ISL_823068, EPI_ISL_823069, EPI_ISL_823072, EPI_ISL_823074, EPI_ISL_823076, EPI_ISL_823077, EPI_ISL_823082, EPI_ISL_823092, EPI_ISL_823095, EPI_ISL_823097, EPI_ISL_823099, EPI_ISL_823100, EPI_ISL_823111, EPI_ISL_823154, EPI_ISL_823164, EPI_ISL_823173, EPI_ISL_823181, EPI_ISL_823197, EPI_ISL_823219, EPI_ISL_823210, EPI_ISL_823217, EPI_ISL_823234, EPI_ISL_823241, EPI_ISL_823247, EPI_ISL_823254, EPI_ISL_823256, EPI_ISL_823257, EPI_ISL_823259, EPI_ISL_823261, EPI_ISL_823262, EPI_ISL_823263, EPI_ISL_823264, EPI_ISL_823269, EPI_ISL_823272, EPI_ISL_823275, EPI_ISL_823278, EPI_ISL_823299, EPI_ISL_823302, EPI_ISL_823317, EPI_ISL_823318, EPI_ISL_823321, EPI_ISL_823322, EPI_ISL_823327, EPI_ISL_823328, EPI_ISL_823329, EPI_ISL_823330, EPI_ISL_823334, EPI_ISL_823335, EPI_ISL_823338, EPI_ISL_823348, EPI_ISL_823349, EPI_ISL_823353, EPI_ISL_823354, EPI_ISL_823356, EPI_ISL_823358, EPI_ISL_823374, EPI_ISL_823375, EPI_ISL_823377, EPI_ISL_823378, EPI_ISL_823387, EPI_ISL_823388, EPI_ISL_823391, EPI_ISL_823392, EPI_ISL_823393, EPI_ISL_823395, EPI_ISL_823399, EPI_ISL_823404, EPI_ISL_823408, EPI_ISL_823412, EPI_ISL_823414, EPI_ISL_823417, EPI_ISL_823418, EPI_ISL_823421, EPI_ISL_823422, EPI_ISL_823428, EPI_ISL_823437, EPI_ISL_823438, EPI_ISL_823440, EPI_ISL_823446, EPI_ISL_823473, EPI_ISL_823500, EPI_ISL_823513, EPI_ISL_823515, EPI_ISL_823520, EPI_ISL_823523, EPI_ISL_823538, EPI_ISL_823552, EPI_ISL_823568, EPI_ISL_823569, EPI_ISL_823570, EPI_ISL_823571, EPI_ISL_823572, EPI_ISL_823574, EPI_ISL_823575, EPI_ISL_823576, EPI_ISL_823577, EPI_ISL_823579, EPI_ISL_823582, EPI_ISL_823584, EPI_ISL_823588, EPI_ISL_823589, EPI_ISL_823591, EPI_ISL_823594, EPI_ISL_823595, EPI_ISL_823596, EPI_ISL_823597, EPI_ISL_823598, EPI_ISL_823599, EPI_ISL_823600, EPI_ISL_823601, EPI_ISL_823602, EPI_ISL_823603, EPI_ISL_823604, EPI_ISL_823605, EPI_ISL_823607, EPI_ISL_823608, EPI_ISL_823611, EPI_ISL_823613, EPI_ISL_823614, EPI_ISL_823617, EPI_ISL_823618, EPI_ISL_823619, EPI_ISL_823621, EPI_ISL_823622, EPI_ISL_823623, EPI_ISL_823624, EPI_ISL_823626, EPI_ISL_823628, EPI_ISL_823631, EPI_ISL_823632, EPI_ISL_823633, EPI_ISL_823634, EPI_ISL_823635, EPI_ISL_823637, EPI_ISL_823640, EPI_ISL_823642, EPI_ISL_823645, EPI_ISL_823646, EPI_ISL_823647, EPI_ISL_823649, EPI_ISL_823650, EPI_ISL_823659, EPI_ISL_823698, EPI_ISL_823699, EPI_ISL_823701, EPI_ISL_823705, EPI_ISL_823706, EPI_ISL_823707, EPI_ISL_823709, EPI_ISL_823711, EPI_ISL_823717, EPI_ISL_823718, EPI_ISL_823719, EPI_ISL_823720, EPI_ISL_823721, EPI_ISL_823722, EPI_ISL_823728, EPI_ISL_823729, EPI_ISL_823732, EPI_ISL_823741, EPI_ISL_823742, EPI_ISL_823743, EPI_ISL_823753, EPI_ISL_823761, EPI_ISL_823765, EPI_ISL_823774, EPI_ISL_823775, EPI_ISL_823776, EPI_ISL_823777, EPI_ISL_823778, EPI_ISL_823779, EPI_ISL_823784, EPI_ISL_823785, EPI_ISL_823787, EPI_ISL_823788, EPI_ISL_823792, EPI_ISL_823794, EPI_ISL_823809			
see above	Wales Specialist Virology Centre Sequencing lab: Pathogen Genomics Unit	COVID-19 Genomics UK (COG-UK) Consortium	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 Pacchianni, Sara Kumziene-Summerhayes, Sarah Taylor, Sophie Jones, Sara Rey, Matthew Bull, Joanne Watkins, Sally Corden, Tom Connor
EPI_ISL_823813	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823816	DOHMH Chelsea	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823817, EPI_ISL_823818, EPI_ISL_823819	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823824	DOHMH Riverside	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823827	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823830	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823833, EPI_ISL_823834, EPI_ISL_823838	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823841	DOHMH Riverside	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823843	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823848	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823849	DOHMH Fort Greene	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823850	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.

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see above	Dutch COVID-19 response team	National Institute for Public Health and the Environment (RIVM)	Adam Meijer, Harry Vennema, 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_824285	Institute of Microbiology, Universidad San Francisco de Quito	Institute of Microbiology, Universidad San Francisco de Quito	Belén Prado-Vivar, Sully Márquez, Juan José Guadalupe, Monica Becerra-Wong, Bernardo Gutiérrez, Tania Guayasamin, Patricio Reyes, Verónica Barragán, Patricio Rojas-Silva, Gabriel Trueba, Michelle Grunauer, Paúl Cárdenas
EPI_ISL_824286	Institute of Microbiology, Universidad San Francisco de Quito	Institute of Microbiology, Universidad San Francisco de Quito	Belén Prado-Vivar, Sully Márquez, Juan José Guadalupe, Monica Becerra-Wong, Bernardo Gutiérrez, Andrea Cungan, Nabih Dahik, Verónica Barragán, Patricio Rojas-Silva, Gabriel Trueba, Michelle Grunauer, Paúl Cárdenas
EPI_ISL_824288, EPI_ISL_824289	Institute of Microbiology, Universidad San Francisco de Quito	Institute of Microbiology, Universidad San Francisco de Quito	Belén Prado-Vivar, Sully Márquez, Juan José Guadalupe, Monica Becerra-Wong, Bernardo Gutiérrez, Tania Guayasamin, Patricio Reyes, Verónica Barragán, Patricio Rojas-Silva, Gabriel Trueba, Michelle Grunauer, Paúl Cárdenas
EPI_ISL_824290	Institute of Microbiology, Universidad San Francisco de Quito	Institute of Microbiology, Universidad San Francisco de Quito	Belén Prado-Vivar, Sully Márquez, Juan José Guadalupe, Monica Becerra-Wong, Bernardo Gutiérrez, Andrea Cungan, Nabih Dahik, Verónica Barragán, Patricio Rojas-Silva, Gabriel Trueba, Michelle Grunauer, Paúl Cárdenas
EPI_ISL_824297	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_824299	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_824300	DOHMH Chelsea	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_824302	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_824303	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_824304, EPI_ISL_824308, EPI_ISL_824309	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_824310	DOHMH Crown Heights	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_824312	DOHMH Fort Greene	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_824313	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_824314, EPI_ISL_824315	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_824316	DOHMH Crown Heights	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_824318	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_824320	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_824321	DOHMH Fort Greene	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_824323, EPI_ISL_824325, EPI_ISL_824327	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_824328	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_824329, EPI_ISL_824330	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_824396, EPI_ISL_824402, EPI_ISL_824404, EPI_ISL_824405	California Department of Public Health	California Department of Public Health	CDPH IDLB COVIDNet
EPI_ISL_824520, EPI_ISL_824521, EPI_ISL_824525, EPI_ISL_824526, EPI_ISL_824527, EPI_ISL_824528, EPI_ISL_824529, EPI_ISL_824530, EPI_ISL_824531, EPI_ISL_824532, EPI_ISL_824533, EPI_ISL_824534, EPI_ISL_824536, EPI_ISL_824537, EPI_ISL_824538, EPI_ISL_824539, EPI_ISL_824542, EPI_ISL_824543, EPI_ISL_824544, EPI_ISL_824545, EPI_ISL_824546, EPI_ISL_824549, EPI_ISL_824551, EPI_ISL_824552, EPI_ISL_824553			
see above	New Mexico Department of Health Scientific Laboratory	New Mexico Department of Health Scientific Laboratory	Ellie Johnson, Anastacia Griego-Fisher, D'eldra Malone
EPI_ISL_824555, EPI_ISL_824556, EPI_ISL_824557, EPI_ISL_824558, EPI_ISL_824559, EPI_ISL_824560, EPI_ISL_824561, EPI_ISL_824562, EPI_ISL_824563, EPI_ISL_824564, EPI_ISL_824565, EPI_ISL_824566, EPI_ISL_824567, EPI_ISL_824568, EPI_ISL_824569, EPI_ISL_824570, EPI_ISL_824571, EPI_ISL_824572, EPI_ISL_824573, EPI_ISL_824574, EPI_ISL_824575, EPI_ISL_824576, EPI_ISL_824577, EPI_ISL_824578, EPI_ISL_824579, EPI_ISL_824580, EPI_ISL_824581, EPI_ISL_824582, EPI_ISL_824583, EPI_ISL_824584, EPI_ISL_824585, EPI_ISL_824587, EPI_ISL_824588, EPI_ISL_824589, EPI_ISL_824590, EPI_ISL_824591, EPI_ISL_824592, EPI_ISL_824593, EPI_ISL_824594, EPI_ISL_824595, EPI_ISL_824596, EPI_ISL_824597, EPI_ISL_824598, EPI_ISL_824599, EPI_ISL_824600, EPI_ISL_824601, EPI_ISL_824602, EPI_ISL_824603, EPI_ISL_824604, EPI_ISL_824605, EPI_ISL_824606, EPI_ISL_824607, EPI_ISL_824608, EPI_ISL_824609, EPI_ISL_824610, EPI_ISL_824611, EPI_ISL_824612, EPI_ISL_824613, EPI_ISL_824614, EPI_ISL_824615, EPI_ISL_824616, EPI_ISL_824618, EPI_ISL_824619, EPI_ISL_824620, EPI_ISL_824621, EPI_ISL_824622, EPI_ISL_824623, EPI_ISL_824624, EPI_ISL_824625, EPI_ISL_824626, EPI_ISL_824627, EPI_ISL_824628, EPI_ISL_824629, EPI_ISL_824630, EPI_ISL_824631, EPI_ISL_824632, EPI_ISL_824633, EPI_ISL_824634, EPI_ISL_824635, EPI_ISL_824636, EPI_ISL_824637, EPI_ISL_824638, EPI_ISL_824639, EPI_ISL_824640, EPI_ISL_824641, EPI_ISL_824642, EPI_ISL_824643, EPI_ISL_824644, EPI_ISL_824645, EPI_ISL_824646, EPI_ISL_824647, EPI_ISL_824648, EPI_ISL_824649, EPI_ISL_824650, EPI_ISL_824651, EPI_ISL_824652, EPI_ISL_824653, EPI_ISL_824654, EPI_ISL_824655, EPI_ISL_824656, EPI_ISL_824658, EPI_ISL_824660, EPI_ISL_824661, EPI_ISL_824662, EPI_ISL_824663, EPI_ISL_824664, EPI_ISL_824665, EPI_ISL_824666, EPI_ISL_824667, EPI_ISL_824668, EPI_ISL_824669, EPI_ISL_824670, EPI_ISL_824671, EPI_ISL_824672, EPI_ISL_824673, EPI_ISL_824674, EPI_ISL_824675, EPI_ISL_824676, EPI_ISL_824677, EPI_ISL_824678, EPI_ISL_824679, EPI_ISL_824680, EPI_ISL_824681, EPI_ISL_824683, EPI_ISL_824684, EPI_ISL_824685, EPI_ISL_824686, EPI_ISL_824687, EPI_ISL_824688, EPI_ISL_824689, EPI_ISL_824690, EPI_ISL_824691, EPI_ISL_824692, EPI_ISL_824693, EPI_ISL_824695, EPI_ISL_824696, EPI_ISL_824697, EPI_ISL_824698, EPI_ISL_824700, EPI_ISL_824701, EPI_ISL_824702, EPI_ISL_824703, EPI_ISL_824704, EPI_ISL_824707, EPI_ISL_824708, EPI_ISL_824709, EPI_ISL_824710, EPI_ISL_824711, EPI_ISL_824712, EPI_ISL_824713, EPI_ISL_824714, EPI_ISL_824715, EPI_ISL_824716, EPI_ISL_824719, EPI_ISL_824720, EPI_ISL_824721, EPI_ISL_824722, EPI_ISL_824723, EPI_ISL_824724, EPI_ISL_824725, EPI_ISL_824726, EPI_ISL_824727, EPI_ISL_824728, EPI_ISL_824730, EPI_ISL_824731, EPI_ISL_824732, EPI_ISL_824733, EPI_ISL_824734, EPI_ISL_824735, EPI_ISL_824736, EPI_ISL_824737, EPI_ISL_824739			
see above	Cedars-Sinai Medical Center, Department of Pathology & Laboratory Medicine, Molecular Pathology Laboratory	Cedars-Sinai Medical Center, Molecular Pathology Laboratory of Department of Pathology & Laboratory Medicine and Genomic Core	Wenjuan Zhang, Brian Davis, Stephanie Chen, Jorge Mario Sincuir Martinez, Jasmine T Plummer, Eric Vail
EPI_ISL_824742, EPI_ISL_824744, EPI_ISL_824745, EPI_ISL_824746, EPI_ISL_824747, EPI_ISL_824749, EPI_ISL_824750, EPI_ISL_824751, EPI_ISL_824752, EPI_ISL_824755, EPI_ISL_824756, EPI_ISL_824757, EPI_ISL_824758, EPI_ISL_824759, EPI_ISL_824760, EPI_ISL_824761, EPI_ISL_824762, EPI_ISL_824763, EPI_ISL_824764, EPI_ISL_824765, EPI_ISL_824766, EPI_ISL_824767, EPI_ISL_824768, EPI_ISL_824769, EPI_ISL_824770, EPI_ISL_824771, EPI_ISL_824772, EPI_ISL_824773, EPI_ISL_824774, EPI_ISL_824775, EPI_ISL_824776, EPI_ISL_824777, EPI_ISL_824778, EPI_ISL_824779, EPI_ISL_824780, EPI_ISL_824781, EPI_ISL_824782, EPI_ISL_824786			
see above	A. Krumbholz, Labor Dr. Krause und Kollegen MVZ GmbH, Kiel	Charité Universitätsmedizin Berlin, Institut für Virologie	Victor M Corman, Jörn Beheim-Schwarzbach, Julia Schneider, Talitha Veith, Barbara Mühlemann, Terry Jones, Christian Drosten
EPI_ISL_824793, EPI_ISL_824801, EPI_ISL_824802, EPI_ISL_824803, EPI_ISL_824805, EPI_ISL_824806, EPI_ISL_824807, EPI_ISL_824808, EPI_ISL_824811, EPI_ISL_824813, EPI_ISL_824814, EPI_ISL_824817, EPI_ISL_824819, EPI_ISL_824820, EPI_ISL_824821, EPI_ISL_824822, EPI_ISL_824823, EPI_ISL_824824, EPI_ISL_824827, EPI_ISL_824828, EPI_ISL_824829, EPI_ISL_824830, EPI_ISL_824833			
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EPI_ISL_824921	Charité Universitätsmedizin Berlin, Institute of Virology, Charitéplatz 1, 10117 Berlin, Germany	Charité Universitätsmedizin Berlin, Institute of Virology, Charitéplatz 1, 10117 Berlin, Germany	Victor M Corman, Jörn Beheim-Schwarzbach, Tobias Bleicker, Julia Tesch, Barbara Mühlemann, Talitha Veith, Julia Schneider, Terry Jones, Christian Drosten
EPI_ISL_824925, EPI_ISL_824938	Arizona State Public Health Laboratory	Arizona State Public Health Laboratory	Trung Huynh, Jessica Escobar, Katherine Fullerton, Nobuko Fukushima, Stacy White, Linda Getsinger, Victor Waddell
EPI_ISL_824945, EPI_ISL_824946, EPI_ISL_824947, EPI_ISL_824948, EPI_ISL_824949, EPI_ISL_824950, EPI_ISL_824951, EPI_ISL_824952, EPI_ISL_824980, EPI_ISL_824981, EPI_ISL_824982, EPI_ISL_824983, EPI_ISL_824984			
see above	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_825036	B.J. Medical College and Civil hospital, Ahmedabad	Gujarat Biotechnology Research Centre	Dipa Kinariwala, Dinesh Kumar, Zuber Saiyed, Labdhi Pandya, Atfal Ansari, Nikha Trivedi, Apurvasinh Puvar, Ramesh Pandit, Janvi Raval, Zarna Patel, Nitin Savaliya, Kamlesh J Upadhyay, Nilma Shah, Sanjay Kapadia, Pranay Shah, Chaitanya Joshi, Madhvi Joshi
EPI_ISL_825048	GMERS Medical College and Hospital, Gotri, Vadodara	Gujarat Biotechnology Research Centre	Mitesh Kamothi, Zuber Saiyed, Labdhi Pandya, Atfal Ansari, Nikha Trivedi, Apurvasinh Puvar, Ramesh Pandit, Janvi Raval, Zarna Patel, Nitin Savaliya, Dinesh Kumar, Bithika Duttaroy, Kalpesh Mistry, Chaitanya Joshi, Madhvi Joshi
EPI_ISL_825049	GMERS Medical College and Hospital, Gotri, Vadodara	Gujarat Biotechnology Research Centre	Bithika Duttaroy, Labdhi Pandya, Atfal Ansari, Nikha Trivedi, Apurvasinh Puvar, Ramesh Pandit, Janvi Raval, Zarna Patel, Nitin Savaliya, Dinesh Kumar, Zuber Saiyed, Mitesh Kamothi, Kalpesh Mistry, Chaitanya Joshi, Madhvi Joshi

EPI_ISL_825050	NHL Municipal Medical College, Ahmedbad	Gujarat Biotechnology Research Centre	Tanmay Mehta, Afzal Ansari, Nikha Trivedi, Apurvasinh Puvar, Ramesh Pandit, Janvi Raval, Zarna Patel, Nitin Savaliya, Dinesh Kumar, Zuber Saiyed, Labdhi Pandya, Jayshri Pethani, Monila Patel, Atit Shah, NM Shaikh, Bimal Chauhan, Bhavin Prajapati, Chaitanya Joshi, Madhvi Joshi
EPI_ISL_825051	NHL Municipal Medical College, Ahmedbad	Gujarat Biotechnology Research Centre	Bhavin Prajapati, Nikha Trivedi, Apurvasinh Puvar, Ramesh Pandit, Janvi Raval, Zarna Patel, Nitin Savaliya, Dinesh Kumar, Zuber Saiyed, Labdhi Pandya, Afzal Ansari, Jayshri Pethani, Monila Patel, Atit Shah, NM Shaikh, Bimal Chauhan, Tanmay Mehta, Chaitanya Joshi, Madhvi Joshi
EPI_ISL_825052	NHL Municipal Medical College, Ahmedbad	Gujarat Biotechnology Research Centre	Apurvasinh Puvar, Ramesh Pandit, Janvi Raval, Zarna Patel, Nitin Savaliya, Dinesh Kumar, Zuber Saiyed, Labdhi Pandya, Afzal Ansari, Nikha Trivedi, Jayshri Pethani, Monila Patel, Atit Shah, NM Shaikh, Bimal Chauhan, Tanmay Mehta, Bhavin Prajapati, Chaitanya Joshi, Madhvi Joshi
EPI_ISL_825053	NHL Municipal Medical College, Ahmedbad	Gujarat Biotechnology Research Centre	Ramesh Pandit, Janvi Raval, Zarna Patel, Nitin Savaliya, Dinesh Kumar, Zuber Saiyed, Labdhi Pandya, Afzal Ansari, Nikha Trivedi, Apurvasinh Puvar, Jayshri Pethani, Monila Patel, Atit Shah, NM Shaikh, Bimal Chauhan, Tanmay Mehta, Bhavin Prajapati, Chaitanya Joshi, Madhvi Joshi
EPI_ISL_825054	GMERS Medical College and Hospital, Gotri, Vadodara	Gujarat Biotechnology Research Centre	Kalpesh Mistry, Janvi Raval, Zarna Patel, Nitin Savaliya, Dinesh Kumar, Zuber Saiyed, Afzal Ansari, Nikha Trivedi, Apurvasinh Puvar, Ramesh Pandit, Mitesh Kamothi, Bithika Duttaroy, Chaitanya Joshi, Madhvi Joshi
EPI_ISL_825057	GMERS Medical College and Hospital, Gotri, Vadodara	Gujarat Biotechnology Research Centre	Dinesh Kumar, Zuber Saiyed, Afzal Ansari, Nikha Trivedi, Apurvasinh Puvar, Ramesh Pandit, Janvi Raval, Zarna Patel, Nitin Savaliya, Mitesh Kamothi, Bithika Duttaroy, Kalpesh Mistry, Chaitanya Joshi, Madhvi Joshi
EPI_ISL_825058	GMERS Medical College and Hospital, Gotri, Vadodara	Gujarat Biotechnology Research Centre	Zuber Saiyed, Afzal Ansari, Nikha Trivedi, Apurvasinh Puvar, Ramesh Pandit, Janvi Raval, Zarna Patel, Nitin Savaliya, Dinesh Kumar, Mitesh Kamothi, Bithika Duttaroy, Kalpesh Mistry, Chaitanya Joshi, Madhvi Joshi
EPI_ISL_825060	NHL Municipal Medical College, Ahmedbad	Gujarat Biotechnology Research Centre	Nikha Trivedi, Apurvasinh Puvar, Ramesh Pandit, Janvi Raval, Zarna Patel, Nitin Savaliya, Dinesh Kumar, Zuber Saiyed, Afzal Ansari, Jayshri Pethani, Monila Patel, Atit Shah, NM Shaikh, Bimal Chauhan, Tanmay Mehta, Bhavin Prajapati, Chaitanya Joshi, Madhvi Joshi
EPI_ISL_825061	GMERS Medical College and Hospital, Gotri, Vadodara	Gujarat Biotechnology Research Centre	Apurvasinh Puvar, Ramesh Pandit, Janvi Raval, Zarna Patel, Nitin Savaliya, Dinesh Kumar, Zuber Saiyed, Afzal Ansari, Nikha Trivedi, Mitesh Kamothi, Bithika Duttaroy, Kalpesh Mistry, Chaitanya Joshi, Madhvi Joshi
EPI_ISL_825062	GMERS Medical College and Hospital, Gotri, Vadodara	Gujarat Biotechnology Research Centre	Ramesh Pandit, Janvi Raval, Zarna Patel, Nitin Savaliya, Dinesh Kumar, Zuber Saiyed, Afzal Ansari, Nikha Trivedi, Apurvasinh Puvar, Mitesh Kamothi, Bithika Duttaroy, Kalpesh Mistry, Chaitanya Joshi, Madhvi Joshi
EPI_ISL_825063	NHL Municipal Medical College, Ahmedbad	Gujarat Biotechnology Research Centre	Janvi Raval, Zarna Patel, Nitin Savaliya, Dinesh Kumar, Zuber Saiyed, Afzal Ansari, Nikha Trivedi, Apurvasinh Puvar, Ramesh Pandit, Jayshri Pethani, Monila Patel, Atit Shah, NM Shaikh, Bimal Chauhan, Tanmay Mehta, Bhavin Prajapati, Chaitanya Joshi, Madhvi Joshi
EPI_ISL_825141	BBMP Urban PHC	Department of Neurovirology, National Institute of Mental Health and Neurosciences (NIMHANS)	Chitra Pattabiraman, Pramada Prasad, Anita S Desai, V Ravi
EPI_ISL_825156	Microbiology and Virology Unit, Florence Careggi University Hospital	Microbiology and Virology Unit, Florence Careggi University Hospital	Vincenzo Di Pilato, Marco Coppi, Fabio Morecchiato, Alberto Antonelli, Emanuele Gori, Gian Maria Rossolini
EPI_ISL_825336, EPI_ISL_825367, EPI_ISL_825368, EPI_ISL_825369, EPI_ISL_825370, EPI_ISL_825371, EPI_ISL_825372, EPI_ISL_825373, EPI_ISL_825374, EPI_ISL_825375, EPI_ISL_825376, EPI_ISL_825377, EPI_ISL_825378, EPI_ISL_825379, EPI_ISL_825380, EPI_ISL_825381			
see above	Hospital Universitari Vall d'Hebron - Vall d'Hebron Institut de Recerca	Hospital Universitari Vall d'Hebron	Cristina Andrés, Maria Piñana, Josep F Abril, Damir Garcia-Cehic, Ariadna Rando, Juliana Esperalba, Maria Gema Codina, Carla Castillo, Maria Carmen Martín, Tomás Pumarola, Josep Quer, Andrés Antón
EPI_ISL_825501, EPI_ISL_825503, EPI_ISL_825504, EPI_ISL_825505, EPI_ISL_825508, EPI_ISL_825509, EPI_ISL_825512, EPI_ISL_825513, EPI_ISL_825516, EPI_ISL_825518, EPI_ISL_825520, EPI_ISL_825522, EPI_ISL_825525, EPI_ISL_825528, EPI_ISL_825530, EPI_ISL_825535, EPI_ISL_825537, EPI_ISL_825539, EPI_ISL_825540, EPI_ISL_825542, EPI_ISL_825543, EPI_ISL_825545, EPI_ISL_825554, EPI_ISL_825555, EPI_ISL_825560, EPI_ISL_825561, EPI_ISL_825562, EPI_ISL_825563, EPI_ISL_825564, EPI_ISL_825565, EPI_ISL_825570, EPI_ISL_825605, EPI_ISL_825606, EPI_ISL_825608, EPI_ISL_825609, EPI_ISL_825615			
see above	Respiratory Virus Unit, National Infection Service, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team
EPI_ISL_825620, EPI_ISL_825621, EPI_ISL_825624, EPI_ISL_825627, EPI_ISL_825628	Hospital Universitari Vall d'Hebron - Vall d'Hebron Institut de Recerca	Hospital Universitari Vall d'Hebron	Cristina Andrés, Maria Piñana, Josep F Abril, Damir Garcia-Cehic, Ariadna Rando, Juliana Esperalba, Maria Gema Codina, Carla Castillo, Maria Carmen Martín, Tomás Pumarola, Josep Quer, Andrés Antón
EPI_ISL_826284	University of Bari Biomedical Sciences and Human Oncology	University of Bari Biomedical Sciences and Human Oncology	Chironna Maria, Sallustio Anna, Loconsole Daniela, Accogli Marisa
EPI_ISL_826286, EPI_ISL_826287, EPI_ISL_826288, EPI_ISL_826289, EPI_ISL_826291, EPI_ISL_826292, EPI_ISL_826293, EPI_ISL_826294, EPI_ISL_826295	The Jackson Laboratory	The Jackson Laboratory	Lloyd M, Maurya R, Renzette N, Omerza G, Kelly K, Li L, Wei C L, Adams M
EPI_ISL_826458	University of Bari Biomedical Sciences and Human Oncology	University of Bari Biomedical Sciences and Human Oncology	Chironna Maria, Sallustio Anna, Loconsole Daniela, Accogli Marisa
EPI_ISL_826465, EPI_ISL_826472	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_826521	The Ohio State University	James Molecular Laboratory	Huolin Tu, Matthew R Avenarius, Laura Kubatko, Matthew Hunt, Xiaokang Pan, Peng Ru, Jason Garee, Keele Thomas, Peter Mohler, Preeti Pancholi, Dan Jones
EPI_ISL_826695, EPI_ISL_826698, EPI_ISL_826716, EPI_ISL_826808, EPI_ISL_826864, EPI_ISL_826867, EPI_ISL_826889, EPI_ISL_826890, EPI_ISL_826891	deCODE genetics	deCODE genetics	Daniel F Gudbjartsson; Agnar Helgason; Hakon Jonsson; Olafur T Magnusson; Pall Melsted; Gudmundur L Norddahl; Jona Saemundsdottir; Asgeir Sigurdsson; Patrick Sulem; Arna B Agustsdottir; Hannes Eggertsson; Berglind Eiríksdóttir; Run Fridríksdóttir; Elisabet E Gardarsdóttir; Gudmundur Georgsson; Olafía S Gretarsdóttir; Kjartan R Gudmundsson; Thora R Gunnarsdóttir; Arnaldur Gylfason; Hilma Holm; Brynjar O Jenson; Aslaug Jonasdóttir; Kamilla S Josefsdóttir; Thordur Kristjánsson; Droplaug N Magnúsdóttir; Solvi Rognvaldsson; Louise le Roux; Gudrun Sigmundsdóttir; Gardar Sveinbjörnsson; Kristín E Sveinsdóttir; Maney Sveinsdóttir; Emil A Thorarensen; Bjarni Thorbjörnsson; Gisli Masson; Ingileif Jónsdóttir; Alma Møller; Thorolfur Guðnason; Karl G Kristinnsson; Unnur Thorsteinsdóttir; Kari Stefánsson
EPI_ISL_826893, EPI_ISL_826980, EPI_ISL_827014	The National University Hospital of Iceland	deCODE genetics	Daniel F Gudbjartsson; Agnar Helgason; Hakon Jonsson; Olafur T Magnusson; Pall Melsted; Gudmundur L Norddahl; Jona Saemundsdottir; Asgeir Sigurdsson; Patrick Sulem; Arna B Agustsdottir; Hannes Eggertsson; Berglind Eiriksdoottir; Run Fridriksdottir; Elisabet E Gardarsdottir; Gudmundur Georgsson; Olafia S Gretarsdottir; Kjartan R Gudmundsson; Thora R Gunnarsdottir; Arnaldur Gylfason; Hilma Holm; Brynjar O Jenson; Aslaug Jonasdottir; Kamilla S Josefsdottir; Thordur Kristjansson; Droplaug N Magnúsdottir; Solvi Rognvaldsson; Louise le Roux; Gudrun Sigmundsdottir; Gardar Sveinbjornsson; Kristin E Sveinsdottir; Maney Sveinsdottir; Emil A Thorarensen; Bjarni Thorbjornsson; Gisli Masson; Ingileif Jonsdottir; Alma Moller; Thorolfur Gudnason; Karl G Kristinnsson; Unnur Thorsteinsdottir; Kari Stefansson
EPI_ISL_827078, EPI_ISL_827145, EPI_ISL_827167, EPI_ISL_827168, EPI_ISL_827184	deCODE genetics	deCODE genetics	Daniel F Gudbjartsson; Agnar Helgason; Hakon Jonsson; Olafur T Magnusson; Pall Melsted; Gudmundur L Norddahl; Jona Saemundsdottir; Asgeir Sigurdsson; Patrick Sulem; Arna B Agustsdottir; Hannes Eggertsson; Berglind Eiriksdoottir; Run Fridriksdottir; Elisabet E Gardarsdottir; Gudmundur Georgsson; Olafia S Gretarsdottir; Kjartan R Gudmundsson; Thora R Gunnarsdottir; Arnaldur Gylfason; Hilma Holm; Brynjar O Jenson; Aslaug Jonasdottir; Kamilla S Josefsdottir; Thordur Kristjansson; Droplaug N Magnúsdottir; Solvi Rognvaldsson; Louise le Roux; Gudrun Sigmundsdottir; Gardar Sveinbjornsson; Kristin E Sveinsdottir; Maney Sveinsdottir; Emil A Thorarensen; Bjarni Thorbjornsson; Gisli Masson; Ingileif Jonsdottir; Alma Moller; Thorolfur Gudnason; Karl G Kristinnsson; Unnur Thorsteinsdottir; Kari Stefansson
EPI_ISL_827195	The National University Hospital of Iceland	deCODE genetics	Daniel F Gudbjartsson; Agnar Helgason; Hakon Jonsson; Olafur T Magnusson; Pall Melsted; Gudmundur L Norddahl; Jona Saemundsdottir; Asgeir Sigurdsson; Patrick Sulem; Arna B Agustsdottir; Hannes Eggertsson; Berglind Eiriksdoottir; Run Fridriksdottir; Elisabet E Gardarsdottir; Gudmundur Georgsson; Olafia S Gretarsdottir; Kjartan R Gudmundsson; Thora R Gunnarsdottir; Arnaldur Gylfason; Hilma Holm; Brynjar O Jenson; Aslaug Jonasdottir; Kamilla S Josefsdottir; Thordur Kristjansson; Droplaug N Magnúsdottir; Solvi Rognvaldsson; Louise le Roux; Gudrun Sigmundsdottir; Gardar Sveinbjornsson; Kristin E Sveinsdottir; Maney Sveinsdottir; Emil A Thorarensen; Bjarni Thorbjornsson; Gisli Masson; Ingileif Jonsdottir; Alma Moller; Thorolfur Gudnason; Karl G Kristinnsson; Unnur Thorsteinsdottir; Kari Stefansson
EPI_ISL_827227, EPI_ISL_827275, EPI_ISL_827304, EPI_ISL_827313,	deCODE genetics	deCODE genetics	Daniel F Gudbjartsson; Agnar Helgason; Hakon Jonsson; Olafur T Magnusson; Pall Melsted; Gudmundur L Norddahl; Jona Saemundsdottir; Asgeir Sigurdsson; Patrick Sulem; Arna B Agustsdottir; Hannes Eggertsson; Berglind Eiriksdoottir; Run Fridriksdottir; Elisabet E Gardarsdottir; Gudmundur



EPI_ISL_829544	The National University Hospital of Iceland	deCODE genetics	Sveinbjornsson; Kristin E Sveinsdottir; Maney Sveinsdottir; Emil A Thorarensen; Bjarni Thorbjornsson; Gisli Masson; Ingileif Jonsdottir; Alma Moller; Thorolfur Gudnason; Karl G Kristinsson; Unnur Thorsteinsdottir; Kari Stefansson
EPI_ISL_829545, EPI_ISL_829604, EPI_ISL_829626, EPI_ISL_829628, EPI_ISL_829662, EPI_ISL_829663, EPI_ISL_829664, EPI_ISL_829667, EPI_ISL_829668, EPI_ISL_829669, EPI_ISL_829674, EPI_ISL_829678, EPI_ISL_829693, EPI_ISL_829694, EPI_ISL_829695, EPI_ISL_829696, EPI_ISL_829701, EPI_ISL_829702, EPI_ISL_829704, EPI_ISL_829716, EPI_ISL_829732, EPI_ISL_829761, EPI_ISL_829769, EPI_ISL_829779, EPI_ISL_829794, EPI_ISL_829903, EPI_ISL_829929, EPI_ISL_829954, EPI_ISL_829968, EPI_ISL_829973, EPI_ISL_830071	see above	deCODE genetics	deCODE genetics
EPI_ISL_830121, EPI_ISL_830123, EPI_ISL_830124, EPI_ISL_830126		deCODE genetics	deCODE genetics
EPI_ISL_830168	The National University Hospital of Iceland	deCODE genetics	Daniel F Gudbjartsson; Agnar Helgason; Hakon Jonsson; Olafur T Magnusson; Pall Melsted; Gudmundur L Norddahl; Jona Saemundsdottir; Asgeir Sigurdsson; Patrick Sulem; Arna B Agustsdottir; Hannes Eggertsson; Berglind Eiriksdtottir; Run Fridriksdottir; Elisabet E Gardarsdottir; Gudmundur Georgsson; Olafia S Gretarsdottir; Kjartan R Gudmundsson; Thora R Gunnarsdottir; Arnaldur Gylfason; Hilma Holm; Brynjar O Jensson; Aslaug Jonasdottir; Kamilla S Josefsdottir; Thordur Kristjansson; Droplaug N Magnusdottir; Solvi Rognvaldsson; Louise le Roux; Gudrun Sigmundsdottir; Gardar Sveinbjornsson; Kristin E Sveinsdottir; Maney Sveinsdottir; Emil A Thorarensen; Bjarni Thorbjornsson; Gisli Masson; Ingileif Jonsdottir; Alma Moller; Thorolfur Gudnason; Karl G Kristinsson; Unnur Thorsteinsdottir; Kari Stefansson
EPI_ISL_830188, EPI_ISL_830222		deCODE genetics	deCODE genetics
EPI_ISL_830225, EPI_ISL_830229, EPI_ISL_830236, EPI_ISL_830238, EPI_ISL_830241, EPI_ISL_830243	KALEIDA CENTER FOR LABORATORY MEDICINE	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_830268, EPI_ISL_830305	The National University Hospital of Iceland	deCODE genetics	Daniel F Gudbjartsson; Agnar Helgason; Hakon Jonsson; Olafur T Magnusson; Pall Melsted; Gudmundur L Norddahl; Jona Saemundsdottir; Asgeir Sigurdsson; Patrick Sulem; Arna B Agustsdottir; Hannes Eggertsson; Berglind Eiriksdtottir; Run Fridriksdottir; Elisabet E Gardarsdottir; Gudmundur Georgsson; Olafia S Gretarsdottir; Kjartan R Gudmundsson; Thora R Gunnarsdottir; Arnaldur Gylfason; Hilma Holm; Brynjar O Jensson; Aslaug Jonasdottir; Kamilla S Josefsdottir; Thordur Kristjansson; Droplaug N Magnusdottir; Solvi Rognvaldsson; Louise le Roux; Gudrun Sigmundsdottir; Gardar Sveinbjornsson; Kristin E Sveinsdottir; Maney Sveinsdottir; Emil A Thorarensen; Bjarni Thorbjornsson; Gisli Masson; Ingileif Jonsdottir; Alma Moller; Thorolfur Gudnason; Karl G Kristinsson; Unnur Thorsteinsdottir; Kari Stefansson
EPI_ISL_830409, EPI_ISL_830411, EPI_ISL_830412		deCODE genetics	deCODE genetics
EPI_ISL_830492	The National University Hospital of Iceland	deCODE genetics	Daniel F Gudbjartsson; Agnar Helgason; Hakon Jonsson; Olafur T Magnusson; Pall Melsted; Gudmundur L Norddahl; Jona Saemundsdottir; Asgeir Sigurdsson; Patrick Sulem; Arna B Agustsdottir; Hannes Eggertsson; Berglind Eiriksdtottir; Run Fridriksdottir; Elisabet E Gardarsdottir; Gudmundur Georgsson; Olafia S Gretarsdottir; Kjartan R Gudmundsson; Thora R Gunnarsdottir; Arnaldur Gylfason; Hilma Holm; Brynjar O Jensson; Aslaug Jonasdottir; Kamilla S Josefsdottir; Thordur Kristjansson; Droplaug N Magnusdottir; Solvi Rognvaldsson; Louise le Roux; Gudrun Sigmundsdottir; Gardar Sveinbjornsson; Kristin E Sveinsdottir; Maney Sveinsdottir; Emil A Thorarensen; Bjarni Thorbjornsson; Gisli Masson; Ingileif Jonsdottir; Alma Moller; Thorolfur Gudnason; Karl G Kristinsson; Unnur Thorsteinsdottir; Kari Stefansson
EPI_ISL_830499		deCODE genetics	deCODE genetics
EPI_ISL_830519	The National University Hospital of Iceland	deCODE genetics	Daniel F Gudbjartsson; Agnar Helgason; Hakon Jonsson; Olafur T Magnusson; Pall Melsted; Gudmundur L Norddahl; Jona Saemundsdottir; Asgeir Sigurdsson; Patrick Sulem; Arna B Agustsdottir; Hannes Eggertsson; Berglind Eiriksdtottir; Run Fridriksdottir; Elisabet E Gardarsdottir; Gudmundur Georgsson; Olafia S Gretarsdottir; Kjartan R Gudmundsson; Thora R Gunnarsdottir; Arnaldur Gylfason; Hilma Holm; Brynjar O Jensson; Aslaug Jonasdottir; Kamilla S Josefsdottir; Thordur Kristjansson; Droplaug N Magnusdottir; Solvi Rognvaldsson; Louise le Roux; Gudrun Sigmundsdottir; Gardar Sveinbjornsson; Kristin E Sveinsdottir; Maney Sveinsdottir; Emil A Thorarensen; Bjarni Thorbjornsson; Gisli Masson; Ingileif Jonsdottir; Alma Moller; Thorolfur Gudnason; Karl G Kristinsson; Unnur Thorsteinsdottir; Kari Stefansson
EPI_ISL_830532		deCODE genetics	deCODE genetics
EPI_ISL_830573, EPI_ISL_830579, EPI_ISL_830588, EPI_ISL_830589, EPI_ISL_830591, EPI_ISL_830592, EPI_ISL_830593, EPI_ISL_830595, EPI_ISL_830596, EPI_ISL_830598, EPI_ISL_830599, EPI_ISL_830603, EPI_ISL_830605, EPI_ISL_830606, EPI_ISL_830609, EPI_ISL_830610, EPI_ISL_830611, EPI_ISL_830612,			

EPI_ISL_830616, EPI_ISL_830621, EPI_ISL_830627				
see above	KALEIDA CENTER FOR LABORATORY MEDICINE	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist	
EPI_ISL_830650, EPI_ISL_830651, EPI_ISL_830652, EPI_ISL_830653, EPI_ISL_830655, EPI_ISL_830658, EPI_ISL_830659, EPI_ISL_830661, EPI_ISL_830662, EPI_ISL_830666, EPI_ISL_830667, EPI_ISL_830668, EPI_ISL_830671, EPI_ISL_830672, EPI_ISL_830673, EPI_ISL_830674, EPI_ISL_830676, EPI_ISL_830677, EPI_ISL_830679, EPI_ISL_830680, EPI_ISL_830681				
see above	SUNY UPSTATE MEDICAL UNIVERSITY	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_830721, EPI_ISL_830723	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_831021, EPI_ISL_831022, EPI_ISL_831023, EPI_ISL_831024, EPI_ISL_831025, EPI_ISL_831026, EPI_ISL_831027, EPI_ISL_831028, EPI_ISL_831030, EPI_ISL_831247, EPI_ISL_831248, EPI_ISL_831249, EPI_ISL_831250, EPI_ISL_831251, EPI_ISL_831252, EPI_ISL_831253, EPI_ISL_831254, EPI_ISL_831255, EPI_ISL_831256, EPI_ISL_831257, EPI_ISL_831258, EPI_ISL_831259, EPI_ISL_831260, EPI_ISL_831261, EPI_ISL_831262, EPI_ISL_831263, EPI_ISL_831264, EPI_ISL_831265, EPI_ISL_831266, EPI_ISL_831267, EPI_ISL_831268, EPI_ISL_831269, EPI_ISL_831270, EPI_ISL_831271, EPI_ISL_831272, EPI_ISL_831273, EPI_ISL_831274, EPI_ISL_831275, EPI_ISL_831276, EPI_ISL_831277, EPI_ISL_831278, EPI_ISL_831279, EPI_ISL_831280, EPI_ISL_831281, EPI_ISL_831282, EPI_ISL_831283, EPI_ISL_831284, EPI_ISL_831285, EPI_ISL_831287				
see above	Hospital Universitario La Paz (Madrid)	SeqCOVID-SPAIN consortium/IBV(CSIC)	Fernando Lázaro-Perona, María Rodríguez-Tejedor, Elias Dahdouh, Jesús Mingorance and SeqCOVID-SPAIN consortium	
EPI_ISL_831490, EPI_ISL_831498, EPI_ISL_831500, EPI_ISL_831501, EPI_ISL_831502, EPI_ISL_831503, EPI_ISL_831575, EPI_ISL_831577, EPI_ISL_831578, EPI_ISL_831580	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_831652, EPI_ISL_831654, EPI_ISL_831658, EPI_ISL_831659	Institute for Infectious Diseases, University of Bern, Switzerland	Institute for Infectious Diseases, University of Bern, Switzerland	Michel C Koch, Christian Baumann, Miguel A Terrazos Miani, Cora Sägesser, Pascal Bittel, Stephen L Leib, Peter Keller, Franziska Suter-Riniker, Alban Ramette	
EPI_ISL_831749, EPI_ISL_831750, EPI_ISL_831751, EPI_ISL_831752, EPI_ISL_831757, EPI_ISL_831760, EPI_ISL_831837, EPI_ISL_831838, EPI_ISL_831839, EPI_ISL_831840, EPI_ISL_831841, EPI_ISL_831842, EPI_ISL_831844, EPI_ISL_831845, EPI_ISL_831846, EPI_ISL_831849, EPI_ISL_831850, EPI_ISL_831851, EPI_ISL_831852, EPI_ISL_831853, EPI_ISL_831854, EPI_ISL_831859, EPI_ISL_831860, EPI_ISL_831861, EPI_ISL_831862, EPI_ISL_831863, EPI_ISL_831864, EPI_ISL_831865, EPI_ISL_831868, EPI_ISL_831869, EPI_ISL_831870, EPI_ISL_831871, EPI_ISL_831872, EPI_ISL_831873, EPI_ISL_831875, EPI_ISL_831876, EPI_ISL_831877, EPI_ISL_831878, EPI_ISL_831879, EPI_ISL_831880, EPI_ISL_831881, EPI_ISL_831882, EPI_ISL_831883, EPI_ISL_831884, EPI_ISL_831886, EPI_ISL_831889, EPI_ISL_831890, EPI_ISL_831891				
see above	United States Air Force School of Aerospace Medicine	United States Air Force School of Aerospace Medicine	Anthony Fries, Jennifer Meyer, William Gruner, Amanda Javorina, Sarah Purves, Clarise Starr, Elizabeth Macias	
EPI_ISL_831894	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Department	
EPI_ISL_831944	ABC	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden	
EPI_ISL_831945, EPI_ISL_831946	Klinisk mikrobiologi, virus F68	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden	
EPI_ISL_831947, EPI_ISL_831948, EPI_ISL_831949, EPI_ISL_831950, EPI_ISL_831951, EPI_ISL_831952	ABC	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden	
EPI_ISL_831953, EPI_ISL_831954, EPI_ISL_831955, EPI_ISL_831956, EPI_ISL_831957	Laboratoriemedicin, Klinisk mikrobiologi	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden	
EPI_ISL_831958	Klinisk mikrobiologi	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden	
EPI_ISL_831979	Klinisk mikrobiologi, Viruslab	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden	
EPI_ISL_831980, EPI_ISL_831981	Klinisk mikrobiologi	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden	
EPI_ISL_831982, EPI_ISL_831983, EPI_ISL_831984, EPI_ISL_831985	ABC	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden	
EPI_ISL_831986, EPI_ISL_831987, EPI_ISL_831988	Synlab Medilab, Mikrobiologi	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden	
EPI_ISL_831989	Laboratorium for klinisk mikrobiologi	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden	
EPI_ISL_831990, EPI_ISL_831991, EPI_ISL_831992	Klinisk mikrobiologi	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden	
EPI_ISL_831993, EPI_ISL_831994, EPI_ISL_831995	TATAA Biocenter	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden	
EPI_ISL_831996, EPI_ISL_831997	Klinisk mikrobiologi	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden	
EPI_ISL_831998, EPI_ISL_831999	Laboratoriemedicin, Klinisk mikrobiologi	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden	
EPI_ISL_832000	Unilabs, Mikrobiologiska laboratoriet	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden	
EPI_ISL_832001, EPI_ISL_832002	Klinisk mikrobiologi	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden	
EPI_ISL_832008	Unilabs, Mikrobiologiska laboratoriet	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden	
EPI_ISL_832019	Southern Nevada Public Health Laboratory	Southern Nevada Public Health Laboratory	Michael Picker, Holly Hansen, Erin Buttery, Joseph Benson	
EPI_ISL_832045, EPI_ISL_832047, EPI_ISL_832048, EPI_ISL_832049, EPI_ISL_832050, EPI_ISL_832051, EPI_ISL_832052, EPI_ISL_832055, EPI_ISL_832056, EPI_ISL_832058, EPI_ISL_832060, EPI_ISL_832061, EPI_ISL_832063, EPI_ISL_832064				
see above	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Bailey Bowcutt, and Wanda Manley	
EPI_ISL_832105, EPI_ISL_832109	MD Laboratories	Los Angeles County PHL	P. Hemarajata et al.	
EPI_ISL_832128	Sentinelles IDF	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, Patricia Lefebure	
EPI_ISL_832130, EPI_ISL_832132, EPI_ISL_832133, EPI_ISL_832134, EPI_ISL_832135, EPI_ISL_832136, EPI_ISL_832137, EPI_ISL_832138, EPI_ISL_832139, EPI_ISL_832140, EPI_ISL_832141, EPI_ISL_832142, EPI_ISL_832143				
see above	Hospital	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, Laurent Andreoletti	
EPI_ISL_832160, EPI_ISL_832161, EPI_ISL_832162, EPI_ISL_832163, EPI_ISL_832164, EPI_ISL_832165, EPI_ISL_832166	Hospital	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, Léa Pilorge	
EPI_ISL_832167	Sentinelles Province	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, Jean-Michel Monnier	
EPI_ISL_832168	Sentinelles Province	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, Denis Calvet	
EPI_ISL_832171, EPI_ISL_832172,	Hospital	National Reference Center for Viruses of Respiratory	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der	

EPI_ISL_832175		Infections, Institut Pasteur, Paris	Werf, Patricia Stoessel-Thouvenin
EPI_ISL_832176, EPI_ISL_832177	Hospital	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, Aurélie Guigon
EPI_ISL_832179, EPI_ISL_832180	Hospital	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, Laurent Roudiere
EPI_ISL_832182, EPI_ISL_832183, EPI_ISL_832188, EPI_ISL_832190, EPI_ISL_832191, EPI_ISL_832192	Laboratory 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, Brieuc Leflaure
EPI_ISL_832194, EPI_ISL_832195	Laboratory 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, Brieuc Gestin
EPI_ISL_832197	Hospital	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, Esther Gyde
EPI_ISL_832201	Hospital	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, Patricia Stoessel-Thouvenin
EPI_ISL_832258, EPI_ISL_832259	DOHMH PHL	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832261	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832263	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832264	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832266	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832268	DOHMH Fort Greene	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832272, EPI_ISL_832273	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832275	DOHMH Crown Heights	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832276	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832277, EPI_ISL_832278	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832280	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832282	DOHMH Chelsea	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832283	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832284	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832285	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832286	DOHMH Fort Greene	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832287, EPI_ISL_832288	DOHMH Crown Heights	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832289	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832290, EPI_ISL_832291	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832292, EPI_ISL_832293	DOHMH Crown Heights	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832294	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832295	DOHMH Crown Heights	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832296	DOHMH Riverside	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832297, EPI_ISL_832298	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832300	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832301, EPI_ISL_832302	DOHMH Chelsea	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832303, EPI_ISL_832304	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832308, EPI_ISL_832309, EPI_ISL_832310, EPI_ISL_832311	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832315	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832318, EPI_ISL_832319	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832320, EPI_ISL_832321, EPI_ISL_832322	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832323	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832325	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832326	DOHMH Riverside	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832327	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832328, EPI_ISL_832330	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832331, EPI_ISL_832332, EPI_ISL_832333, EPI_ISL_832334	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832336, EPI_ISL_832337	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832338	DOHMH Crown Heights	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832339	DOHMH Riverside	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832340	DOHMH Crown Heights	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832341	DOHMH Chelsea	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832342, EPI_ISL_832343, EPI_ISL_832344	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832348, EPI_ISL_832349, EPI_ISL_832350	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.

EPI_ISL_832352, EPI_ISL_832353	DOHMH PHL	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832354	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832355, EPI_ISL_832356	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832357, EPI_ISL_832358, EPI_ISL_832361	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832363	DOHMH Chelsea	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832368, EPI_ISL_832370, EPI_ISL_832371, EPI_ISL_832372	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, Ashley-Jane Duplessis, Torsten Houwaart, Lisanna Hülse, Malte Kohns Vasconcelos, Nadine Lübke, Jessica Nicolai, Klaus Pfeiffer, Daniel Strelow, Teresa Tamayo, Jörg Timm, Andreas Walker, Tobias Wienemann
EPI_ISL_832394, EPI_ISL_832395, EPI_ISL_832402, EPI_ISL_832403	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Department
EPI_ISL_832815, EPI_ISL_832816	SIESP CHIETI - DRIVE IN LANCIANO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G.Caporale"	Lorusso A, Marcacci M, Di Domenico M, Curini V, Ancora M, Cammà C, Rinaldi A, Mangone I, Di Pasquale A, Puglia I, Calistri P, Savini G.
EPI_ISL_832818	Ospedale Civile Atri	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G.Caporale"	Lorusso A, Marcacci M, Di Domenico M, Curini V, Ancora M, Cammà C, Rinaldi A, Mangone I, Di Pasquale A, Puglia I, Calistri P, Savini G.
EPI_ISL_832820	Medico Competente P.O. L'Aquila	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G.Caporale"	Lorusso A, Marcacci M, Di Domenico M, Curini V, Ancora M, Cammà C, Rinaldi A, Mangone I, Di Pasquale A, Puglia I, Calistri P, Savini G.
EPI_ISL_832821	SIESP CHIETI - DRIVE IN CHIETI	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G.Caporale"	Lorusso A, Marcacci M, Di Domenico M, Curini V, Ancora M, Cammà C, Rinaldi A, Mangone I, Di Pasquale A, Puglia I, Calistri P, Savini G.
EPI_ISL_832823, EPI_ISL_832826, EPI_ISL_832828, EPI_ISL_832829, EPI_ISL_832830, EPI_ISL_832831, EPI_ISL_832832, EPI_ISL_832833, EPI_ISL_832834, EPI_ISL_832837, EPI_ISL_832838, EPI_ISL_832839, EPI_ISL_832843, EPI_ISL_832845, EPI_ISL_832846, EPI_ISL_832848, EPI_ISL_832849, EPI_ISL_832850, EPI_ISL_832852, EPI_ISL_832853, EPI_ISL_832854, EPI_ISL_832855, EPI_ISL_832858, EPI_ISL_832860, EPI_ISL_832862, EPI_ISL_832863, EPI_ISL_832865, EPI_ISL_832868, EPI_ISL_832885, EPI_ISL_832886, EPI_ISL_832887, EPI_ISL_832888, EPI_ISL_832889, EPI_ISL_832890, EPI_ISL_832895, EPI_ISL_832896, EPI_ISL_832897, EPI_ISL_832898, EPI_ISL_832899, EPI_ISL_832900, EPI_ISL_832901, EPI_ISL_832902, EPI_ISL_832904, EPI_ISL_832905, EPI_ISL_832906, EPI_ISL_832907, EPI_ISL_832908, EPI_ISL_832909, EPI_ISL_832910, EPI_ISL_832911, EPI_ISL_832912, EPI_ISL_832914, EPI_ISL_832918, EPI_ISL_832919, EPI_ISL_832922, EPI_ISL_832924, EPI_ISL_832925, EPI_ISL_832926, EPI_ISL_832927, EPI_ISL_832928, EPI_ISL_832929, EPI_ISL_832931, EPI_ISL_832933, EPI_ISL_832934, EPI_ISL_832936, EPI_ISL_832937, EPI_ISL_832938, EPI_ISL_832939, EPI_ISL_832941, EPI_ISL_832943, EPI_ISL_832948, EPI_ISL_832949, EPI_ISL_832950, EPI_ISL_832951, EPI_ISL_832954, EPI_ISL_832955, EPI_ISL_832956, EPI_ISL_832957, EPI_ISL_832960, EPI_ISL_832961, EPI_ISL_832962, EPI_ISL_832963, EPI_ISL_832964, EPI_ISL_832966			
see above	Maine HETL	Tewhey Lab, The Jackson Laboratory	Matluk,N., Dewey,H., Isoue,F., Barter,M., Lynch,R., Munger,H. and Tewhey,R.
EPI_ISL_833044	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, Delli Compagni E, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_833045	SIESP CHIETI - DRIVE IN ORTONA	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Delli Compagni E, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_833046	FPAM	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Delli Compagni E, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_833047, EPI_ISL_833048	OSPEDALE CIVILE 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, Delli Compagni E, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_833052, EPI_ISL_833053, EPI_ISL_833054	"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, Delli Compagni E, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_833057, EPI_ISL_833058, EPI_ISL_833059, EPI_ISL_833060, EPI_ISL_833063, EPI_ISL_833064, EPI_ISL_833065, EPI_ISL_833066, EPI_ISL_833067	DIP. PREV. AVEZZANO SERVIZIO DI IGIENE EPIDEMIOLOGIAE SANITA' PUBBLICA	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Delli Compagni E, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_833071, EPI_ISL_833072, EPI_ISL_833073, EPI_ISL_833075	FPAM	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Delli Compagni E, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_833077	OSPEDALE CIVILE 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, Delli Compagni E, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_833081	OSPEDALE S.S. ANNUNZIATA 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, Delli Compagni E, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_833082	OSPEDALE SAN SALVATORE	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Delli Compagni E, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_833084	RPS	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Delli Compagni E, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_833085, EPI_ISL_833086	Servizio di Igiene Epidemiologia e Sanità Pubblica (SIESP) CHIETI - DRIVE IN GISSI	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Delli Compagni E, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_833087	Servizio di Igiene Epidemiologia e Sanità Pubblica (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, Delli Compagni E, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_833088, EPI_ISL_833089	Servizio di Igiene Epidemiologia e Sanità Pubblica (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, Delli Compagni E, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_833090, EPI_ISL_833091, EPI_ISL_833093, EPI_ISL_833095, EPI_ISL_833096	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, Delli Compagni E, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_833097, EPI_ISL_833098	SIESP CHIETI - DRIVE IN LANCIANO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Delli Compagni E, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_833101, EPI_ISL_833102	SIESP DIPARTIMENTO DI PREVENZIONE CHIETI	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Delli Compagni E, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_833103, EPI_ISL_833108, EPI_ISL_833111, EPI_ISL_833112, EPI_ISL_833113, EPI_ISL_833114, EPI_ISL_833116, EPI_ISL_833117	SIESP DIPARTIMENTO DI PREVENZIONE TERAMO C.DA CASALENA	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Delli Compagni E, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_833120	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, Delli Compagni E, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_833123	Usca Pizzoli	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Delli Compagni E, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_833124, EPI_ISL_833126	USCA Sulmona	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G.	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Delli Compagni E, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini









EPI_ISL_847760, EPI_ISL_847761, EPI_ISL_847763, EPI_ISL_847764, EPI_ISL_847765, EPI_ISL_847766, EPI_ISL_847767, EPI_ISL_847768, EPI_ISL_847769, EPI_ISL_847770, EPI_ISL_847772, EPI_ISL_847773, EPI_ISL_847777, EPI_ISL_847778, EPI_ISL_847779, EPI_ISL_847781, EPI_ISL_847784, EPI_ISL_847785, EPI_ISL_847787, EPI_ISL_847790, EPI_ISL_847791, EPI_ISL_847792, EPI_ISL_847793, EPI_ISL_847794, EPI_ISL_847797, EPI_ISL_847798, EPI_ISL_847801			
see above	California Department of Public Health	Chiu Laboratory, University of California, San Francisco	Charles Chiu, Xiangding (Wayne) Deng, Candace Wang, Brian Bushnell, Scot Federman, Jill Hacker, Debra Wadford
EPI_ISL_847921, EPI_ISL_847922, EPI_ISL_847923, EPI_ISL_847924, EPI_ISL_847925, EPI_ISL_847926, EPI_ISL_847928, EPI_ISL_847955, EPI_ISL_847957, EPI_ISL_847958, EPI_ISL_847959, EPI_ISL_847960, EPI_ISL_847961, EPI_ISL_847962, EPI_ISL_847965, EPI_ISL_847966, EPI_ISL_847967, EPI_ISL_847968, EPI_ISL_847969, EPI_ISL_847970, EPI_ISL_847971, EPI_ISL_847972, EPI_ISL_847974, EPI_ISL_847975, EPI_ISL_847976			
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, Keith Harshman, Ioannis Xenarios, Emmanouil Dermitzakis
EPI_ISL_848189, EPI_ISL_848190, EPI_ISL_848193, EPI_ISL_848194, EPI_ISL_848196, EPI_ISL_848197, EPI_ISL_848198	Microbiology Lab	NBCC Sequencing Facility	Dr. Jeff Wrana
EPI_ISL_848458, EPI_ISL_848459, EPI_ISL_848533, EPI_ISL_848534, EPI_ISL_848536, EPI_ISL_848537, EPI_ISL_848539, EPI_ISL_848543, EPI_ISL_848544, EPI_ISL_848545	Illinois Department of Public Health	Gagnon Lab, Southern Illinois University	Keith Gagnon
EPI_ISL_848671, EPI_ISL_848672, EPI_ISL_848673, EPI_ISL_848680, EPI_ISL_848697, EPI_ISL_848699	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton
EPI_ISL_849560, EPI_ISL_849616, EPI_ISL_849617, EPI_ISL_849625, EPI_ISL_849626, EPI_ISL_849629	Washington State Department of Health	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazier, Jover Lee, Benjamin Pelle, 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_849634	SIESP DIPARTIMENTO DI PREVENZIONE CHIETI	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G.Caporale"	Lorusso A, Marcacci M, Di Domenico M, Curini V, Ancora M, Cammà C, Rinaldi A, Mangone I, Di Pasquale A, Puglia I, Savini G.
EPI_ISL_849635	DIPARTIMENTO PREVENZIONE AVEZZANO-SERVIZIO DI IGIENE EPIDEMIOLOGIA E SANITA' PUBBLICA	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G.Caporale"	Lorusso A, Marcacci M, Di Domenico M, Curini V, Ancora M, Cammà C, Rinaldi A, Mangone I, Di Pasquale A, Puglia I, Savini G.
EPI_ISL_849640, EPI_ISL_849641, EPI_ISL_849642, EPI_ISL_849643, EPI_ISL_849646	SIESP DIPARTIMENTO DI PREVENZIONE CHIETI	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G.Caporale"	Lorusso A, Marcacci M, Di Domenico M, Curini V, Ancora M, Cammà C, Rinaldi A, Mangone I, Di Pasquale A, Puglia I, Savini G.
EPI_ISL_849647, EPI_ISL_849648, EPI_ISL_849649	SIESP- DRIVE IN CHIETI	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G.Caporale"	Lorusso A, Marcacci M, Di Domenico M, Curini V, Ancora M, Cammà C, Rinaldi A, Mangone I, Di Pasquale A, Puglia I, Savini G.
EPI_ISL_849749	Public Health Virology Laboratory, Forensic and Scientific Services (PHV-FSS)	Public Health Virology Laboratory, Forensic and Scientific Services (PHV-FSS)	Son Nguyen et al
EPI_ISL_849806, EPI_ISL_849807, EPI_ISL_849808, EPI_ISL_849809, EPI_ISL_849811, EPI_ISL_849812, EPI_ISL_849815, EPI_ISL_849819, EPI_ISL_849820, EPI_ISL_849823, EPI_ISL_849829, EPI_ISL_849833, EPI_ISL_849839, EPI_ISL_849840, EPI_ISL_849849, EPI_ISL_849852, EPI_ISL_849855			
see above	A. Krumbholz, Labor Dr. Krause und Kollegen MVZ GmbH, Kiel	Charité Universitätsmedizin Berlin, Institut für Virologie	Victor M Corman, Jörn Beheim-Schwarzbach, Talitha Veith, Julia Schneider, Tobias Bleicker, Julia Tesch, Barbara Mühlemann, Terry Jones, Christian Drosten
EPI_ISL_849974, EPI_ISL_849978, EPI_ISL_849981, EPI_ISL_849982, EPI_ISL_849983, EPI_ISL_849989, EPI_ISL_849997	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_850152	Renegade	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_850508	Hospital de Tortosa Verge de la Cinta	Hospital Universitari Vall d'Hebron - Vall d'Hebron Institut de Recerca	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_850657, EPI_ISL_850662	Division of Emerging Infectious Diseases, Bureau of Infectious Diseases Diagnosis Control, Korea Disease Control and Prevention Agency	Division of Emerging Infectious Diseases, Bureau of Infectious Diseases Diagnosis Control, Korea Disease Control and Prevention Agency	Ae Kyung Park, Il-Hwan Kim, Heui Man Kim, Jeong-Min Kim, Namjoo Lee, Chaeyoung Lee, Sang Hee Woo, Eun-Jin Kim
EPI_ISL_850665, EPI_ISL_850667, EPI_ISL_850670, EPI_ISL_850675	The National Institute of Public Health	State Veterinary Institute Prague	Nagy,A,Jirincova,H;Trnka,D;Vecerova,J;Trinklova,M
EPI_ISL_850942	Helix / Illumina	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dhvani Batra, Ben L. Rambo-Martin Eileen de Feo, Jan Antico, Christine Tran, Matthew Tolentino, Shannon Wickline, Kim Gietzen, Brad Sickler, Jingtao Liu, Eric Allen, Phil Febbo, Summer Galloway, Nicole L. Washington, Simon White, Geraint Levan, Kelly Schiabor Barrett, Elizabeth Cirulli, Alexandre Bolze, Ary Ascencio, Charlotte Rivera-Garcia, Ryan Cho, Jason Nguyen, Sherry Wang, Jimmy Ramirez, Tyler Cassens, Efrén Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_851034	Helix/Illumina	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dhvani Batra, Ben L. Rambo-Martin Eileen de Feo, Jan Antico, Christine Tran, Matthew Tolentino, Shannon Wickline, Kim Gietzen, Brad Sickler, Jingtao Liu, Eric Allen, Phil Febbo, Summer Galloway, Nicole L. Washington, Simon White, Geraint Levan, Kelly Schiabor Barrett, Elizabeth Cirulli, Alexandre Bolze, Ary Ascencio, Charlotte Rivera-Garcia, Ryan Cho, Jason Nguyen, Sherry Wang, Jimmy Ramirez, Tyler Cassens, Efrén Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_852017	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_852833	Microbiology Lab	NBCC Sequencing Facility	Dr. Jeff Wrana
EPI_ISL_852842	Laboratory of Molecular Biology, Diagnostyka sp. z o.o.	genXone SA, Research & Development Laboratory	Maciej Sykulski, Grzegorz Nowicki, Jakub Grabowski, Natalia Drwska-Matelska, ukasz Krych, Micha Kaszuba
EPI_ISL_853402	Charité Universitätsmedizin Berlin, Institut für Virologie/Labor Berlin	Charité Universitätsmedizin Berlin, Institut für Virologie	Victor M Corman, Julia Schneider, Barbara Mühlemann, Jörn Beheim-Schwarzbach, Talitha Veith, Julia Tesch, Tobias Bleicker, Terry Jones, Christian Drosten
EPI_ISL_855354	Hospital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf
EPI_ISL_855388	Hospital	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,Ducancelle Alexandra
EPI_ISL_855556, EPI_ISL_855573, EPI_ISL_855610, EPI_ISL_855612, EPI_ISL_855613, EPI_ISL_855614	Lab. Microbiologia e Virologia, Cotugno, A.O. dei Colli	Lab. Microbiologia e Virologia, Cotugno, A.O. dei Colli	Luigi Atripaldi, Claudia Tiberio, Anna Perfetti
EPI_ISL_855910, EPI_ISL_855912, EPI_ISL_855916, EPI_ISL_855919, EPI_ISL_855921, EPI_ISL_855928,	Lab voor klinische biologie	Onderzoeksgroep Virologie	Laurens Lambrechts, Nick Vereecke, Marthe Pauwels, Bruno Verhasselt, Linos Vandekerckhove, Hans Nauwynck, Sebastiaan Theuns

EPI_ISL_855932, EPI_ISL_855934			
EPI_ISL_855942	Lab voor klinische biologie	Onderzoeksgroep Virologie	Nick Vereecke, Laurens Lambrechts, Marthe Pauwels, Bruno Verhasselt, Linos Vandekerckhove, Hans Nauwynck, Sebastiaan Theuns
EPI_ISL_856613, EPI_ISL_856614, EPI_ISL_856618, EPI_ISL_856622, EPI_ISL_856624, EPI_ISL_856628, EPI_ISL_856629, EPI_ISL_856631, EPI_ISL_856632, EPI_ISL_856633, EPI_ISL_856634, EPI_ISL_856635, EPI_ISL_856636, EPI_ISL_856637, EPI_ISL_856638, EPI_ISL_856639, EPI_ISL_856640, EPI_ISL_856641, EPI_ISL_856642, EPI_ISL_856643, EPI_ISL_856645, EPI_ISL_856646, EPI_ISL_856647, EPI_ISL_856649, EPI_ISL_856650, EPI_ISL_856654, EPI_ISL_856655, EPI_ISL_856656, EPI_ISL_856658, EPI_ISL_856659, EPI_ISL_856660, EPI_ISL_856663, EPI_ISL_856666, EPI_ISL_856669, EPI_ISL_856671, EPI_ISL_856672, EPI_ISL_856675, EPI_ISL_856676			
see above	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Aalborg University	Danish Covid-19 Genome Consortium
EPI_ISL_856681, EPI_ISL_856683	Charité Universitätsmedizin Berlin, Institute of Virology, Charitéplatz 1, 10117 Berlin, Germany	Charité Universitätsmedizin Berlin, Institute of Virology, Charitéplatz 1, 10117 Berlin, Germany	Victor M Corman, Julia Schneider, Jörn Beheim-Schwarzbach, Tobias Bleicker, Julia Tesch, Barbara Mühlemann, Talitha Veith, Terry Jones, Christian Drosten
EPI_ISL_856696, EPI_ISL_856697, EPI_ISL_856699, EPI_ISL_856702, EPI_ISL_856755	Ohio Department of Health Laboratory	Ohio Department of Health Laboratory	Holmes, Jennifer; Eric Brandt, Keoni Omura, Glen McGillivray, Caitlin McDonnell, Kirtana Ramadugu, Erica Leasure, Kelsey Florek, Heather Blankenship, Quanta Brown, and Tammy Bannerman
EPI_ISL_856757, EPI_ISL_856759, EPI_ISL_856774, EPI_ISL_856777, EPI_ISL_856778, EPI_ISL_856781, EPI_ISL_856784, EPI_ISL_856786, EPI_ISL_856787, EPI_ISL_856789	Servicio Virosis Respiratorias-Departamento Virología-INEI	Instituto Nacional Enfermedades Infecciosas C.G.Malbran	Baumeister E., Avaro M., Benedetti E., Russo M., Dattero ME, Pontoriero A., Cisterna D., Molina V., Perandones C., Tuduri E., Lorenzo F., Poklepovich T., Campos J.
EPI_ISL_856910, EPI_ISL_856911	National Institute of Public Health - National Institute of Hygiene	National Institute of Public Health - National Institute of Hygiene	Wokowicz Tomasz, Zacharczuk Katarzyna, Gawor Jan
EPI_ISL_857052, EPI_ISL_857055	Platform BIS UZA/UAntwerpen, University Hospital Antwerp, Edegem, Belgium	UAntwerp, Laboratory of Medical Microbiology, Campus Drie Eiken S6.26, Universiteitsplein 1, 2610, Wilrijk, Antwerp, Belgium	Basil Britto Xavier, Jasmine Coppens, Christine Lammens, Veerle Matheussen, Herman Goossens
EPI_ISL_857057, EPI_ISL_857058	OCME Office Of Chief Medical Examiner	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857202	DOHMH PHL	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857204, EPI_ISL_857205	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857228	DOHMH Riverside	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857229	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857230	DOHMH Chelsea	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857231, EPI_ISL_857232, EPI_ISL_857233	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857234, EPI_ISL_857235, EPI_ISL_857236, EPI_ISL_857237	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857238, EPI_ISL_857239, EPI_ISL_857240	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857241, EPI_ISL_857242, EPI_ISL_857243, EPI_ISL_857244, EPI_ISL_857245, EPI_ISL_857246, EPI_ISL_857247, EPI_ISL_857248, EPI_ISL_857249, EPI_ISL_857250	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857251, EPI_ISL_857252	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857253, EPI_ISL_857254	DOHMH Chelsea	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857255	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857256	DOHMH Fort Greene	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857258	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857262	DOHMH Chelsea	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857265	DOHMH Fort Greene	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857266	DOHMH PHL	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857267, EPI_ISL_857268, EPI_ISL_857269	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857271, EPI_ISL_857272, EPI_ISL_857273	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857276	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857277	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857278	DOHMH PHL	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857280	DOHMH Fort Greene	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857282, EPI_ISL_857283	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857284	DOHMH PHL	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857287, EPI_ISL_857288, EPI_ISL_857293	Department of Homeless Services	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857295, EPI_ISL_857297	OCME Office Of Chief Medical Examiner	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857298	Department of Homeless Services	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857300	OCME Office Of Chief Medical Examiner	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857301	Department of Homeless Services	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857302, EPI_ISL_857303, EPI_ISL_857304	OCME Office Of Chief Medical Examiner	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857306	Department of Homeless Services	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857307	OCME Office Of Chief Medical Examiner	New York City Public Health Laboratory	Jade Wang, et al.

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EPI_ISL_860081, EPI_ISL_860082, EPI_ISL_860083, EPI_ISL_860084, EPI_ISL_860085, EPI_ISL_860086, EPI_ISL_860087, EPI_ISL_860088, EPI_ISL_860089, EPI_ISL_860090, EPI_ISL_860091			
see above	BTC, Khalifa University	BTC, Khalifa University	Al Safar et al
EPI_ISL_860175, EPI_ISL_860176, EPI_ISL_860179, EPI_ISL_860180, EPI_ISL_860181	Keio University School of Medicine	Keio University School of Medicine	Kenjiro Kosaki, Yuka Iwasaki, Hirotsugu Ishizu, Haruhiko Siomi, Kodai Abe
EPI_ISL_860182, EPI_ISL_860183	Bangalore Medical College and Research Institute	Department of Neurovirology, National Institute of Mental Health and Neurosciences (NIMHANS)	Chitra Pattabiraman, Pramada Prasad, Anson Kunjumon George, Risha Rasheed, Darshan Sreenivas, Nakka Vijay Kiran Reddy, Anita S Desai, V Ravi
EPI_ISL_860203, EPI_ISL_860204, EPI_ISL_860205	Lab. Microbiologia e Virologia, Cotugno, A.O. dei Colli	Lab. Microbiologia e Virologia, Cotugno, A.O. dei Colli	Luigi Atripaldi, Claudia Tiberio, Anna Perfetti
EPI_ISL_860208	Haukeland University Hospital, Dept. of Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_860209	Norwegian Institute of Public Health, Department of Virology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_860211	Haukeland University Hospital, Dept. of Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_860213	Furst Medical Laboratory	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_860214	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, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_860220, EPI_ISL_860221	Oslo University Hospital, Department of Medical Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_860222	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, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_860223	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, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_860226, EPI_ISL_860227, EPI_ISL_860228	Innlandet Hospital Trust, Division Lillehammer, Department for Medical Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_860229, EPI_ISL_860230	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, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_860231	Vestfold Hospital, Toensberg Department of Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_860247	University Hospitals of Geneva, Laboratory of Virology	HUG, Laboratory of Virology and Universit�tsspital Basel	Samuel Cordey, Ana Rita Goncalves, Laurent Kaiser, Tim Roloff, Madlen Stange, Helena MB Seth-Smith, Alfredo Mari, Karoline Leuzinger, Julia Bielicki, Manuel Battegay, Hans Hirsch, Adrian Egli
EPI_ISL_860257, EPI_ISL_860290, EPI_ISL_860297	Lab. Microbiologia e Virologia, Cotugno, A.O. dei Colli	Lab. Microbiologia e Virologia, Cotugno, A.O. dei Colli	Luigi Atripaldi, Claudia Tiberio, Anna Perfetti
EPI_ISL_860638, EPI_ISL_860687	Respiratory Virus Unit, National Infection Service, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team
EPI_ISL_860791, EPI_ISL_860792, EPI_ISL_860795, EPI_ISL_860796, EPI_ISL_860819	Ohio Department of Health Laboratory	Ohio Department of Health Laboratory	Holmes, Jennifer; Eric Brandt, Keoni Omura, Glen McGillivray, Caitlin McDonnell, Kirtana Ramadugu, Erica Leasure, Kelsey Florek, Heather Blankenship, Quanta Brown, and Tammy Bannerman
EPI_ISL_860869, EPI_ISL_860883	Labo Analyses Med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, M�line Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lori�re, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Lefaire Brieuc
EPI_ISL_860898	Centre Hospitalier Compi�gne-Noyon - Laboratoire	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, M�line Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lori�re, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Emond Jean-Philippe
EPI_ISL_860899	HOPITAL PAUL BROUSSE - Service Microbiologie	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, M�line Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lori�re, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Roque-Afonso Anne-Marie
EPI_ISL_860946, EPI_ISL_860950, EPI_ISL_860957, EPI_ISL_860958, EPI_ISL_860969, EPI_ISL_861026, EPI_ISL_861101, EPI_ISL_861103	Johns Hopkins Hospital Department of Pathology	Johns Hopkins Hospital Department of Pathology	C. Paul Morris, Chun Huai Luo, Adannaya Amadi, Nicholas Gallagher, Heba H. Mostafa
EPI_ISL_861105	Ohio Department of Health Laboratory	Ohio Department of Health Laboratory	Holmes, Jennifer; Eric Brandt, Keoni Omura, Glen McGillivray, Caitlin McDonnell, Kirtana Ramadugu, Erica Leasure, Kelsey Florek, Heather Blankenship, Quanta Brown, and Tammy Bannerman
EPI_ISL_861134	KALEIDA CENTER FOR LABORATORY MEDICINE	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_861136, EPI_ISL_861137, EPI_ISL_861138, EPI_ISL_861142	ADIRONDACK 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_861144, EPI_ISL_861147, EPI_ISL_861148, EPI_ISL_861150, EPI_ISL_861151, EPI_ISL_861152, EPI_ISL_861155, EPI_ISL_861156, EPI_ISL_861157, EPI_ISL_861159, EPI_ISL_861163, EPI_ISL_861164, EPI_ISL_861169, EPI_ISL_861170, EPI_ISL_861172			
see above	KALEIDA CENTER FOR LABORATORY MEDICINE	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_861233, EPI_ISL_861240, EPI_ISL_861241	Ohio Department of Health Laboratory	Ohio Department of Health Laboratory	Holmes, Jennifer; Eric Brandt, Keoni Omura, Glen McGillivray, Caitlin McDonnell, Kirtana Ramadugu, Erica Leasure, Kelsey Florek, Heather Blankenship, Quanta Brown, and Tammy Bannerman
EPI_ISL_861245, EPI_ISL_861248, EPI_ISL_861256, EPI_ISL_861257, EPI_ISL_861259, EPI_ISL_861263, EPI_ISL_861276, EPI_ISL_861277, EPI_ISL_861281, EPI_ISL_861285, EPI_ISL_861286, EPI_ISL_861291, EPI_ISL_861293, EPI_ISL_861296, EPI_ISL_861298, EPI_ISL_861301, EPI_ISL_861305, EPI_ISL_861307, EPI_ISL_861315, EPI_ISL_861321, EPI_ISL_861322, EPI_ISL_861323, EPI_ISL_861324, EPI_ISL_861330			
see above	MONTEFIORE MEDICAL CENTER LABORATORIES	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_861433	Ohio State University	James Molecular Laboratory	Huolin Tu, Matthew R Avenarius, Laura Kubatko, Matthew Hunt, Xiaokang Pan, Peng Ru, Jason Garee, Keele Thomas, Peter Mohler, Preeti Pancholi, Dan Jones
EPI_ISL_861439, EPI_ISL_861441, EPI_ISL_861442	The Ohio State University	James Molecular Laboratory	Huolin Tu, Matthew R Avenarius, Laura Kubatko, Matthew Hunt, Xiaokang Pan, Peng Ru, Jason Garee, Keele Thomas, Peter Mohler, Preeti Pancholi, Dan Jones
EPI_ISL_861509, EPI_ISL_861510, EPI_ISL_861514, EPI_ISL_861517,	ZOTZ KLIMAS MVZ D�sseldorf-Centrum G�r �BAG f�r Labormedizin, Genetik, Zytologie, Pathologie	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Maximilian Damagnez, Alexander Dilthey, Ashley-Jane Duplessis, Patrick Finzer, Katrin Hoffmann, Torsten Houwaart, Lisanna H�lse, Malte Kohns Vasconcelos, Marek Korencak, Nadine L�bke, Jessica Nicolai, Klaus Pfeffer, Daniel Strelow, J�rg Timm, Andreas Walker, Tobias Wienemann, Rainer Zotz

EPI_ISL_861518, EPI_ISL_861519, EPI_ISL_861522, EPI_ISL_861523, EPI_ISL_861524			
EPI_ISL_861537, EPI_ISL_861538, EPI_ISL_861552, EPI_ISL_861584, EPI_ISL_861585, EPI_ISL_861586, EPI_ISL_861587, EPI_ISL_861588, EPI_ISL_861589, EPI_ISL_861590, EPI_ISL_861591			
see above	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_861674	UPA Central de Caraguatatuba	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_861676	UPA Vila Santa Catarina	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_861677	Instituto Adolfo Lutz - Central	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_861678	Laboratorio Municipal de Guarulhos	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_861679	Instituto Adolfo Lutz - Regional de Taubate	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_861680	Hospital e Pronto Socorro Portinari	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_861682	UPA Vila Santa Catarina	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_861699	Los Angeles County PHL	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_861857, EPI_ISL_861858, EPI_ISL_861859, EPI_ISL_861861, EPI_ISL_861863	Labormedizinisches Zentrum Dr Risch	University Hospital Basel, Clinical Bacteriology	Tim Roloff, Madlen Stange, Helena MB Seth-Smith, Alfredo Mari, Karoline Leuzinger, Julia Bielicki, Nadia Wohlwend, Martin Risch, Lorenz Risch, Manuel Battegay, Hans Hirsch, Adrian Egli
EPI_ISL_861865, EPI_ISL_861866	Bioanalytika AG	University Hospital Basel, Clinical Bacteriology	Tim Roloff, Madlen Stange, Helena MB Seth-Smith, Alfredo Mari, Karoline Leuzinger, Julia Bielicki, Adrian Härrli, Manuel Battegay, Hans Hirsch, Adrian Egli
EPI_ISL_861873	LATE - Laboratório de Técnicas Especiais - Hospital Israelita Albert Einstein	LATE - Laboratório de Técnicas Especiais - Hospital Israelita Albert Einstein	Deyvid Amgarten, Fernanda de Mello Malta, Raquel Riyuzo, Ana Paula Moreira Salles, Pedro Henrique Sebe Rodrigues, João Renato Rebello Pinho
EPI_ISL_861969, EPI_ISL_861972, EPI_ISL_861978, EPI_ISL_861996, EPI_ISL_862000, EPI_ISL_862003	OHSU Lab Services Molecular Microbiology Lab	Oregon SARS-CoV-2 Genome Sequencing Center	Brendan L. O'Connell, Sally Grindstaff, Kayla Carter, Ruth V. Nichols, Alec J. Hirsch, Donna Hansel, Guang Fan, Xuan Qin, Daniel N. Streblow, William B. Messer, Andrew C. Adey, Benjamin N. Bimber, Brian J. O'Roak
EPI_ISL_862039	RSUP Dr. Sardjito	Genetics Working Group (Pokja Genetik) Faculty of Medicine, Public Health and Nursing Universitas Gadjah Mada (FK-KMK UGM); Disease Investigation Center Wates Ministry of Agriculture Indonesia; Department of Microbiology FK-KMK UGM; Laboratorium Diagnostik Yayasan Tahija World Mosquito Program (WMP) Yogyakarta Center for Tropical Medicine FK-KMK UGM; Integrated Research Center FK-KMK UGM; Department of Computer Science and Electronics FMIPA UGM; RSUP Dr. Sardjito	Gunadi, Hendra Wibawa, . Marcellus, Mohamad S. Hakim, Edwin W. Daniwijaya, Ludhang P. Rizki, Endah Supriyati, Eggi Arguni, Titik Nuryastuti, Tri Wibawa, Dwi AA Nugrahaningsih, Afiahayati, Siswanto, Kristy Iskandar, Nungki Anggorowati, Ika Trisnawati, Sumardi, Eko Budiono, Bambang Sigit Riyanto, Heni Retnowulan, Munawar Gani, Satria Maulana, Nur Rahmi Ananda, Riat El Khair, Yunika Puspawati, Osman Sianipar, Umi Solekha Intansari, Elizabeth Henny Herningtiyas, Ira Puspitawati, Nur Imma Fatimah Harahap, William Widitjjarso, Maria Patricia Inggriani
EPI_ISL_862040	RSUP Dr. Sardjito	Genetics Working Group (Pokja Genetik) Faculty of Medicine, Public Health and Nursing Universitas Gadjah Mada (FK-KMK UGM); Disease Investigation Center Wates Ministry of Agriculture Indonesia; Department of Microbiology FK-KMK UGM; Laboratorium Diagnostik Yayasan Tahija World Mosquito Program (WMP) Yogyakarta Center for Tropical Medicine FK-KMK UGM; Integrated Research Center FK-KMK UGM; Department of Computer Science and Electronics FMIPA UGM; RSUP Dr. Sardjito	Gunadi, Hendra Wibawa, . Marcellus, Mohamad S. Hakim, Edwin W. Daniwijaya, Ludhang P. Rizki, Endah Supriyati, Eggi Arguni, Titik Nuryastuti, Tri Wibawa, Dwi AA Nugrahaningsih, Afiahayati, Siswanto, Kristy Iskandar, Nungki Anggorowati, Ika Trisnawati, Sumardi, Eko Budiono, Bambang Sigit Riyanto, Heni Retnowulan, Munawar Gani, Satria Maulana, Nur Rahmi Ananda, Riat El Khair, Yunika Puspawati, Osman Sianipar, Umi Solekha Intansari, Elizabeth Henny Herningtiyas, Ira Puspitawati, Nur Imma Fatimah Harahap, Alvin Santoso Kalim, Untung Riawan
EPI_ISL_862041	RSUP Dr. Sardjito	Genetics Working Group (Pokja Genetik) Faculty of Medicine, Public Health and Nursing Universitas Gadjah Mada (FK-KMK UGM); Disease Investigation Center Wates Ministry of Agriculture Indonesia; Department of Microbiology FK-KMK UGM; Laboratorium Diagnostik Yayasan Tahija World Mosquito Program (WMP) Yogyakarta Center for Tropical Medicine FK-KMK UGM; Integrated Research Center FK-KMK UGM; Department of Computer Science and Electronics FMIPA UGM; RSUP Dr. Sardjito	Gunadi, Hendra Wibawa, . Marcellus, Mohamad S. Hakim, Edwin W. Daniwijaya, Ludhang P. Rizki, Endah Supriyati, Eggi Arguni, Titik Nuryastuti, Tri Wibawa, Dwi AA Nugrahaningsih, Afiahayati, Siswanto, Kristy Iskandar, Nungki Anggorowati, Ika Trisnawati, Sumardi, Eko Budiono, Bambang Sigit Riyanto, Heni Retnowulan, Munawar Gani, Satria Maulana, Nur Rahmi Ananda, Riat El Khair, Yunika Puspawati, Osman Sianipar, Umi Solekha Intansari, Elizabeth Henny Herningtiyas, Ira Puspitawati, Nur Imma Fatimah Harahap, Dyah Ayu Puspitarani, Audric Kenny Tedja
EPI_ISL_862145	Charité Universitätsmedizin Berlin, Institut für Virologie/Labor Berlin	Charité Universitätsmedizin Berlin, Institut für Virologie	Victor M Corman, Barbara Mühlemann, Jörn Beheim-Schwarzbach, Tobias Bleicker, Julia Tesch, Talitha Veith, Julia Schneider, Terry Jones, Christian Drosten
EPI_ISL_862190, EPI_ISL_862251	Respiratory Virus Unit, National Infection Service, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team
EPI_ISL_862544	Complejo Hospitalario Xeral-Calde	Instituto de Salud Carlos III	Iglesias-Caballero, M. Camarero, S. Molinero Calamita, M. González-Esguevillas, M. Pozo, F. Casas, I. Jiménez, P. Jiménez, M. Zaballos, A. Monzón, S. Varona, S. Juliá, M. Cuesta, I. Alonso, P.
EPI_ISL_862545	Hospital Universitario Virgen de la Arrixaca	Instituto de Salud Carlos III	Iglesias-Caballero, M. Camarero, S. Molinero Calamita, M. González-Esguevillas, M. Pozo, F. Casas, I. Jiménez, P. Jiménez, M. Zaballos, A. Monzón, S. Varona, S. Juliá, M. Cuesta, I. Moreno, A.
EPI_ISL_862546, EPI_ISL_862547	Consejería de Sanidad y Asuntos Sociales	Instituto de Salud Carlos III	Iglesias-Caballero, M. Camarero, S. Molinero Calamita, M. González-Esguevillas, M. Pozo, F. Casas, I. Jiménez, P. Jiménez, M. Zaballos, A. Monzón, S. Varona, S. Juliá, M. Cuesta, I. Gutiérrez, G.
EPI_ISL_862548	Hospital Clínico San Carlos	Instituto de Salud Carlos III	Iglesias-Caballero, M. Camarero, S. Molinero Calamita, M. González-Esguevillas, M. Pozo, F. Casas, I. Jiménez, P. Jiménez, M. Zaballos, A. Monzón, S. Varona, S. Juliá, M. Cuesta, I. Rodríguez, I.
EPI_ISL_862549	Hospital Universitario Virgen de la Arrixaca	Instituto de Salud Carlos III	Iglesias-Caballero, M. Camarero, S. Molinero Calamita, M. González-Esguevillas, M. Pozo, F. Casas, I. Jiménez, P. Jiménez, M. Zaballos, A. Monzón, S. Varona, S. Juliá, M. Cuesta, I. Moreno, A.
EPI_ISL_862550	Complejo Hospitalario de Navarra	Instituto de Salud Carlos III	Iglesias-Caballero, M. Camarero, S. Molinero Calamita, M. González-Esguevillas, M. Pozo, F. Casas, I. Jiménez, P. Jiménez, M. Zaballos, A. Monzón, S. Varona, S. Juliá, M. Cuesta, I. Ezpeleta, C.
EPI_ISL_862551	Hospital J.M. Morales Meseguer	Instituto de Salud Carlos III	Iglesias-Caballero, M. Camarero, S. Molinero Calamita, M. González-Esguevillas, M. Pozo, F. Casas, I. Jiménez, P. Jiménez, M. Zaballos, A. Monzón, S. Varona, S. Juliá, M. Cuesta, I. Guerrero, C.

EPI_ISL_862552	Complejo Hospitalario de Navarra	Instituto de Salud Carlos III	Iglesias-Caballero, M.Camarero, S. Molinero Calamita, M. González-Esguevillas, M. Pozo, F. Casas, I. Jiménez, P. Jiménez, M. Zaballos, A. Monzón, S. Varona, S. Juliá, M. Cuesta, I. Ezpeleta, C.
EPI_ISL_862553, EPI_ISL_862554, EPI_ISL_862555	Compejo Hospitalario Xeral-Calde	Instituto de Salud Carlos III	Iglesias-Caballero, M.Camarero, S. Molinero Calamita, M. González-Esguevillas, M. Pozo, F. Casas, I. Jiménez, P. Jiménez, M. Zaballos, A. Monzón, S. Varona, S. Juliá, M. Cuesta, I. Alonso, P.
EPI_ISL_862556	Gerencia de Asistencia Sanitaria de Soria	Instituto de Salud Carlos III	Iglesias-Caballero, M.Camarero, S. Molinero Calamita, M. González-Esguevillas, M. Pozo, F. Casas, I. Jiménez, P. Jiménez, M. Zaballos, A. Monzón, S. Varona, S. Juliá, M. Cuesta, I. Aldea, C.
EPI_ISL_862557, EPI_ISL_862558, EPI_ISL_862559, EPI_ISL_862560, EPI_ISL_862561, EPI_ISL_862562, EPI_ISL_862563	Consejería de Sanidad y Asuntos Sociales	Instituto de Salud Carlos III	Iglesias-Caballero, M. Camarero, S. Molinero Calamita, M. González-Esguevillas, M. Pozo, F. Casas, I. Jiménez, P. Jiménez, M. Zaballos, A. Monzón, S. Varona, S. Juliá, M. Cuesta, I. Gutiérrez, G.
EPI_ISL_862564, EPI_ISL_862565	Gerencia de Asistencia Sanitaria de Soria	Instituto de Salud Carlos III	Iglesias-Caballero, M.Camarero, S. Molinero Calamita, M. González-Esguevillas, M. Pozo, F. Casas, I. Jiménez, P. Jiménez, M. Zaballos, A. Monzón, S. Varona, S. Juliá, M. Cuesta, I. Aldea, C.
EPI_ISL_862566	Consejería de Sanidad y Asuntos Sociales	Instituto de Salud Carlos III	Iglesias-Caballero, M. Camarero, S. Molinero Calamita, M. González-Esguevillas, M. Pozo, F. Casas, I. Jiménez, P. Jiménez, M. Zaballos, A. Monzón, S. Varona, S. Juliá, M. Cuesta, I. Gutiérrez, G.
EPI_ISL_862568	Hospital Universitario Virgen de la Arrixaca	Instituto de Salud Carlos III	Iglesias-Caballero, M. Camarero, S. Molinero Calamita, M. González-Esguevillas, M. Pozo, F. Casas, I. Jiménez, P. Jiménez, M. Zaballos, A. Monzón, S. Varona, S. Juliá, M. Cuesta, I. Moreno, A.
EPI_ISL_862569	Hospital Clínico San Carlos	Instituto de Salud Carlos III	Iglesias-Caballero, M. Camarero, S. Molinero Calamita, M. González-Esguevillas, M. Pozo, F. Casas, I. Jiménez, P. Jiménez, M. Zaballos, A. Monzón, S. Varona, S. Juliá, M. Cuesta, I. Rodríguez, I.
EPI_ISL_862570, EPI_ISL_862571, EPI_ISL_862572	Complejo Hospitalario de Navarra	Instituto de Salud Carlos III	Iglesias-Caballero, M.Camarero, S. Molinero Calamita, M. González-Esguevillas, M. Pozo, F. Casas, I. Jiménez, P. Jiménez, M. Zaballos, A. Monzón, S. Varona, S. Juliá, M. Cuesta, I. Ezpeleta, C.
EPI_ISL_862573, EPI_ISL_862574, EPI_ISL_862575, EPI_ISL_862576, EPI_ISL_862577, EPI_ISL_862578, EPI_ISL_862579, EPI_ISL_862580, EPI_ISL_862581, EPI_ISL_862582, EPI_ISL_862583, EPI_ISL_862584, EPI_ISL_862585, EPI_ISL_862586, EPI_ISL_862587, EPI_ISL_862588	see above	see above	see above
EPI_ISL_862749, EPI_ISL_862766, EPI_ISL_862769	Utah Public Health Laboratory, Utah Public Health Laboratory Infectious Disease submission group	Utah Public Health Laboratory, Utah Public Health Laboratory Infectious Disease submission group	Young,E.L., Oakeson,K.F., Gallagher,T.
EPI_ISL_862832	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_863532, EPI_ISL_863600, EPI_ISL_863631, EPI_ISL_863635, EPI_ISL_863639, EPI_ISL_863645, EPI_ISL_863651, EPI_ISL_863707, EPI_ISL_863746, EPI_ISL_863803, EPI_ISL_863830, EPI_ISL_863841	see above	see above	see above
EPI_ISL_864547, EPI_ISL_864548, EPI_ISL_864549, EPI_ISL_864551, EPI_ISL_864552, EPI_ISL_864553, EPI_ISL_864555, EPI_ISL_864556, EPI_ISL_864557, EPI_ISL_864558, EPI_ISL_864559, EPI_ISL_864560, EPI_ISL_864561, EPI_ISL_864562	see above	see above	see above
EPI_ISL_864580	National Institute of Public Health - National Institute of Hygiene	National Institute of Public Health - National Institute of Hygiene, DNA Sequencing and Synthesis Facility (oligo.pl) - Institute of Biochemistry and Biophysics PAS	Wokowicz Tomasz, Zacharczuk Katarzyna, Gawor Jan
EPI_ISL_864739, EPI_ISL_864744, EPI_ISL_864802, EPI_ISL_864837, EPI_ISL_864839, EPI_ISL_864854, EPI_ISL_864869, EPI_ISL_864871, EPI_ISL_864873, EPI_ISL_864882, EPI_ISL_864890	see above	see above	see above
EPI_ISL_864960, EPI_ISL_864962, EPI_ISL_864965, EPI_ISL_864966, EPI_ISL_864969, EPI_ISL_864973, EPI_ISL_864977, EPI_ISL_864983	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_865002	Lighthouse Lab in Glasgow / 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; Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak; Alasdair MacLean, Rory Gunson; Richard Orton, Joseph Hughes, Sreenu Vattipally, David L Robertson; Sharif Shaaban, Matthew Holden; Kathy Li, James Shepherd, Antonia Ho, Emma Thomson
EPI_ISL_865069, EPI_ISL_865070, EPI_ISL_865071, EPI_ISL_865072, EPI_ISL_865080, EPI_ISL_865083, EPI_ISL_865084, EPI_ISL_865085, EPI_ISL_865086, EPI_ISL_865087, EPI_ISL_865088, EPI_ISL_865142, EPI_ISL_865146, EPI_ISL_865147, EPI_ISL_865148, EPI_ISL_865161	see above	see above	see above
EPI_ISL_865215, EPI_ISL_865216, EPI_ISL_865219, EPI_ISL_865220, EPI_ISL_865221, EPI_ISL_865242, EPI_ISL_865248, EPI_ISL_865250, EPI_ISL_865252, EPI_ISL_865256, EPI_ISL_865257, EPI_ISL_865259, EPI_ISL_865263, EPI_ISL_865264, EPI_ISL_865265, EPI_ISL_865267, EPI_ISL_865379, EPI_ISL_865395, EPI_ISL_865398, EPI_ISL_865401, EPI_ISL_865418, EPI_ISL_865431, EPI_ISL_865437	see above	see above	see above
EPI_ISL_865489, EPI_ISL_865495, EPI_ISL_865501, EPI_ISL_865503, EPI_ISL_865517, EPI_ISL_865524, EPI_ISL_865548, EPI_ISL_865560, EPI_ISL_865562, EPI_ISL_865578	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_866049, EPI_ISL_866050, EPI_ISL_866058, EPI_ISL_866059, EPI_ISL_866061, EPI_ISL_866063, EPI_ISL_866064, EPI_ISL_866066, EPI_ISL_866067, EPI_ISL_866068, EPI_ISL_866069, EPI_ISL_866072, EPI_ISL_866074, EPI_ISL_866106, EPI_ISL_866119, EPI_ISL_866121, EPI_ISL_866123, EPI_ISL_866133, EPI_ISL_866136, EPI_ISL_866139, EPI_ISL_866140, EPI_ISL_866148, EPI_ISL_866151, EPI_ISL_866168, EPI_ISL_866179	see above	see above	see above
EPI_ISL_866349, EPI_ISL_866350, EPI_ISL_866352, EPI_ISL_866365, EPI_ISL_866372	Regional Virus Laboratory, Belfast Health and Social Care Trust	COVID-19 Genomics UK (COG-UK) Consortium	Conall McCaughey, James McKenna, Tanya Curran, Susan Feeney, Alison Watt, Ciara Cox, Mairead Connor, Zoltan Molnar, David Simpson, Derek Fairley
EPI_ISL_866400, EPI_ISL_866402, EPI_ISL_866404, EPI_ISL_866407, EPI_ISL_866409, EPI_ISL_866411, EPI_ISL_866412, EPI_ISL_866413, EPI_ISL_866416, EPI_ISL_866420, EPI_ISL_866430, EPI_ISL_866434, EPI_ISL_866445, EPI_ISL_866446, EPI_ISL_866449, EPI_ISL_866452, EPI_ISL_866454, EPI_ISL_866473, EPI_ISL_866483, EPI_ISL_866496	see above	see above	see above
	Northumbria University / South Tees Hospitals NHS	COVID-19 Genomics UK (COG-UK) Consortium	Darren L Smith,Andrew Nelson,Matthew Bashton,Greg R Young,Joshua Loh,John Allan,Mohammad A Tariq,Giles S Holt,Gary Black,Wen C Yew,Lynn



EPI_ISL_872060	Department of Clinical Microbiology	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_872188	RSUP Dr. Sardjito	Genetics Working Group (Pokja Genetik) Faculty of Medicine, Public Health and Nursing Universitas Gadjah Mada (FK-KMK UGM); Disease Investigation Center Wates Ministry of Agriculture Indonesia; Department of Microbiology FK-KMK UGM; Laboratorium Diagnostik Yayasan Tahija World Mosquito Program (WMP) Yogyakarta Center for Tropical Medicine FK-KMK UGM; Integrated Research Center FK-KMK UGM; Department of Computer Science and Electronics FMIPA UGM; RSUP Dr. Sardjito	Gunadi, Hendra Wibawa, . Marcellus, Mohamad S. Hakim, Edwin W. Daniwijaya, Ludhang P. Rizki, Endah Supriyati, Eggi Arguni, Titik Nuryastuti, Tri Wibawa, Dwi AA Nugrahaningsih, Afiahayati, Siswanto, Kristy Iskandar, Nungki Anggorowati, Ika Trisnawati, Sumardi, Eko Budiono, Bambang Sigit Riyanto, Heni Retnowulan, Munawar Gani, Satria Maulana, Nur Rahmi Ananda, Riat El Khair, Yunika Puspawadi, Osman Sianipar, Umi Solekhah Intansari, Elizabeth Henny Herringtiyas, Ira Puspitawati, Nur Imma Fatimah Harahap, Aditya Rifqi Fauzi, Fadil Fahri
EPI_ISL_872189	RSUP Dr. Sardjito	Genetics Working Group (Pokja Genetik) Faculty of Medicine, Public Health and Nursing Universitas Gadjah Mada (FK-KMK UGM); Disease Investigation Center Wates Ministry of Agriculture Indonesia; Department of Microbiology FK-KMK UGM; Laboratorium Diagnostik Yayasan Tahija World Mosquito Program (WMP) Yogyakarta Center for Tropical Medicine FK-KMK UGM; Integrated Research Center FK-KMK UGM; Department of Computer Science and Electronics FMIPA UGM; RSUP Dr. Sardjito	Gunadi, Hendra Wibawa, . Marcellus, Mohamad S. Hakim, Edwin W. Daniwijaya, Ludhang P. Rizki, Endah Supriyati, Eggi Arguni, Titik Nuryastuti, Tri Wibawa, Dwi AA Nugrahaningsih, Afiahayati, Siswanto, Kristy Iskandar, Nungki Anggorowati, Ika Trisnawati, Sumardi, Eko Budiono, Bambang Sigit Riyanto, Heni Retnowulan, Munawar Gani, Satria Maulana, Nur Rahmi Ananda, Riat El Khair, Yunika Puspawadi, Osman Sianipar, Umi Solekhah Intansari, Elizabeth Henny Herringtiyas, Ira Puspitawati, Nur Imma Fatimah Harahap, Alvin S. Kalim, Dwiki afandy
EPI_ISL_872190	RSUP Dr. Sardjito	Genetics Working Group (Pokja Genetik) Faculty of Medicine, Public Health and Nursing Universitas Gadjah Mada (FK-KMK UGM); Disease Investigation Center Wates Ministry of Agriculture Indonesia; Department of Microbiology FK-KMK UGM; Laboratorium Diagnostik Yayasan Tahija World Mosquito Program (WMP) Yogyakarta Center for Tropical Medicine FK-KMK UGM; Integrated Research Center FK-KMK UGM; Department of Computer Science and Electronics FMIPA UGM; RSUP Dr. Sardjito	Gunadi, Hendra Wibawa, . Marcellus, Mohamad S. Hakim, Edwin W. Daniwijaya, Ludhang P. Rizki, Endah Supriyati, Eggi Arguni, Titik Nuryastuti, Tri Wibawa, Dwi AA Nugrahaningsih, Afiahayati, Siswanto, Kristy Iskandar, Nungki Anggorowati, Ika Trisnawati, Sumardi, Eko Budiono, Bambang Sigit Riyanto, Heni Retnowulan, Munawar Gani, Satria Maulana, Nur Rahmi Ananda, Riat El Khair, Yunika Puspawadi, Osman Sianipar, Umi Solekhah Intansari, Elizabeth Henny Herringtiyas, Ira Puspitawati, Nur Imma Fatimah Harahap, Dyah Ayu Puspitarani, Kemala Athollah
EPI_ISL_872203, EPI_ISL_872209, EPI_ISL_872259	Labo Analyses Med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf
EPI_ISL_872313	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,Amzalag Jonas
EPI_ISL_872323	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,Rouah Raquel
EPI_ISL_872591, EPI_ISL_872592, EPI_ISL_872593, EPI_ISL_872594, EPI_ISL_872595, EPI_ISL_872596, EPI_ISL_872598, EPI_ISL_872599	Department of Laboratory Medicine, National Taiwan University Hospital	Microbial Genomics Core Lab, National Taiwan University Centers of Genomic and Precision Medicine	Shiou-Hwei Yeh, You-Yu Lin, Ya-Yun Lai, Chiao-Ling Li, Shan-Chwen Chang, Pei-Jer Chen, Sui-Yuan Chang
EPI_ISL_872614, EPI_ISL_872615, EPI_ISL_872616, EPI_ISL_872623	Nigeria Centre for Disease Control (NCDC)	African Centre of Excellence for Genomics of Infectious Diseases (ACEGID), Redeemer's University	Oluniyi P.E. et al
EPI_ISL_872652, EPI_ISL_872668, EPI_ISL_872669	University of Massachusetts Medical School	Infectious Disease Program, Broad Institute of Harvard and MIT	Lemieux,J.E., Siddle,K.J., Ward,D., Ellison,R., Adams,G., Gladden-Young,A., Lagerborg,K., Rudy,M., DeRuff,K., Carter,A., Normandin,E., Bauer,M., Reilly,S., Tomkins-Tinch,C., Loreth,C., Chaluvasi,S., Birren,B.W., Gallagher,G., Smole,S., Park,D.J., MacInnis,B.L., and Sabeti,P.C.
EPI_ISL_872723, EPI_ISL_872730, EPI_ISL_872733, EPI_ISL_872736, EPI_ISL_872741	Rhode Island Department of Health	Infectious Disease Program, Broad Institute of Harvard and MIT	Lemieux,J.E., Siddle,K.J., Huard,R., King,E., Azevedo,K., Miller,A., Adams,G., Gladden-Young,A., Lagerborg,K., Rudy,M., DeRuff,K., Carter,A., Normandin,E., Bauer,M., Reilly,S., Tomkins-Tinch,C., Loreth,C., Chaluvasi,S., Birren,B.W., Gallagher,G., Smole,S., Park,D.J., MacInnis,B.L., and Sabeti,P.C.
EPI_ISL_872905, EPI_ISL_872914, EPI_ISL_872916, EPI_ISL_872917, EPI_ISL_872918, EPI_ISL_872919, EPI_ISL_872925, EPI_ISL_872931, EPI_ISL_872934, EPI_ISL_872935, EPI_ISL_872936, EPI_ISL_872937, EPI_ISL_872941, EPI_ISL_872944, EPI_ISL_872945, EPI_ISL_872946, EPI_ISL_872947, EPI_ISL_872950, EPI_ISL_872952, EPI_ISL_872953, EPI_ISL_872954, EPI_ISL_872955, EPI_ISL_872958, EPI_ISL_872961, EPI_ISL_872965, EPI_ISL_872967, EPI_ISL_872968, EPI_ISL_872970, EPI_ISL_872971	WHO National Influenza Centre Russian Federation	WHO National Influenza Centre Russian Federation	Andrey Komissarov, Artem Fadeev, Anna Ivanova, Kseniya Komissarova, Dmitry Bazhenov, Mikhail Bakaev, Daria Danilenko, Ksenia Safina, Elena Nabieva, Georgii Bazykin, Dmitry Lioznov
EPI_ISL_872986, EPI_ISL_872987, EPI_ISL_872988, EPI_ISL_872992, EPI_ISL_872994, EPI_ISL_872996, EPI_ISL_873003, EPI_ISL_873006, EPI_ISL_873012, EPI_ISL_873014, EPI_ISL_873017, EPI_ISL_873020, EPI_ISL_873024, EPI_ISL_873026	HELIX LLC	WHO National Influenza Centre Russian Federation	Andrey Komissarov, Artem Fadeev, Anna Ivanova, Kseniya Komissarova, Dmitry Bazhenov, Mikhail Bakaev, Daria Danilenko, Ksenia Safina, Elena Nabieva, Georgii Bazykin, Dmitry Lioznov
EPI_ISL_873124, EPI_ISL_873125	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_873211, EPI_ISL_873212, EPI_ISL_873214, EPI_ISL_873216, EPI_ISL_873217, EPI_ISL_873219, EPI_ISL_873220, EPI_ISL_873221, EPI_ISL_873222, EPI_ISL_873223, EPI_ISL_873224, EPI_ISL_873225, EPI_ISL_873226, EPI_ISL_873227, EPI_ISL_873228, EPI_ISL_873230, EPI_ISL_873231, EPI_ISL_873232, EPI_ISL_873233, EPI_ISL_873234	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_875347, EPI_ISL_875348	Ohio Department of Health Laboratory	Ohio Department of Health Laboratory	Holmes, Jennifer; Eric Brandt, Keoni Omura, Glen McGillivray, Caitlin McDonnell, Kirtana Ramadugu, Erica Leasure, Kelsey Florek, Heather Blankenship, Quanta Brown, and Tammy Bannerman
EPI_ISL_875551	ULSS 1 Dolomiti	Istituto Zooprofilattico Sperimentale delle Venezie	Adelaide Milani, Alessia Schivo, Annalisa Salviato, Erika Giorgia Quaranta, Ambra Pastori, Bianca Zecchin, Alice Fusaro, Isabella Monne, Calogero Terregino, Antonia Ricci
EPI_ISL_875555, EPI_ISL_875556	ULSS 2 Treviso	Istituto Zooprofilattico Sperimentale delle Venezie	Adelaide Milani, Alessia Schivo, Annalisa Salviato, Erika Giorgia Quaranta, Ambra Pastori, Bianca Zecchin, Alice Fusaro, Isabella Monne, Calogero Terregino, Antonia Ricci
EPI_ISL_875687	Department of Infectious Diseases, Istituto Superiore di Sanità, Rome, Italy; UCO Igiene e Sanità Pubblica, ASUGI, Trieste, Italy; Laboratorio di Genomica ed Epigenomica sistema Argo, Area SciencePark, Trieste, Italy; Laboratorio di Virologia Molecolare, ICGEB, Trieste, Italy	Istituto Superiore di Sanità (ISS)	Paola Stefanelli, Angela Di Martino, Alessandra Lo Presti, Stefano Fiore, Pierlanfranco D'Agaro, Ludovica Segat, Danilo Licastro, Alessandro Marcello, Manuela Marra, Maria Carollo, Marco Crescenzi
EPI_ISL_875959, EPI_ISL_875960, EPI_ISL_875961, EPI_ISL_875963, EPI_ISL_875964, EPI_ISL_875965, EPI_ISL_875966, EPI_ISL_875967, EPI_ISL_875968, EPI_ISL_875969, EPI_ISL_875970, EPI_ISL_875971, EPI_ISL_875972, EPI_ISL_875973, EPI_ISL_875974, EPI_ISL_875976, EPI_ISL_875977, EPI_ISL_875978, EPI_ISL_875979, EPI_ISL_875980, EPI_ISL_875981, EPI_ISL_875982, EPI_ISL_875983, EPI_ISL_875984, EPI_ISL_875985, EPI_ISL_875986, EPI_ISL_875987, EPI_ISL_875988, EPI_ISL_875989, EPI_ISL_875990, EPI_ISL_875991, EPI_ISL_875992, EPI_ISL_875993, EPI_ISL_875995, EPI_ISL_875996, EPI_ISL_875997, EPI_ISL_875998, EPI_ISL_875999, EPI_ISL_876000, EPI_ISL_876001, EPI_ISL_876002, EPI_ISL_876003, EPI_ISL_876004, EPI_ISL_876005, EPI_ISL_876006, EPI_ISL_876007, EPI_ISL_876008, EPI_ISL_876009, EPI_ISL_876010, EPI_ISL_876011, EPI_ISL_876012, EPI_ISL_876013, EPI_ISL_876014, EPI_ISL_876015, EPI_ISL_876016, EPI_ISL_876017, EPI_ISL_876018, EPI_ISL_876019, EPI_ISL_876020, EPI_ISL_876021, EPI_ISL_876022, EPI_ISL_876023, EPI_ISL_876024, EPI_ISL_876025, EPI_ISL_876026, EPI_ISL_876027, EPI_ISL_876028, EPI_ISL_876029, EPI_ISL_876030, EPI_ISL_876031	Research & Development Laboratory	Maciej Sykulski, Grzegorz Nowicki, Monika Makowska-Woniak, Jakub Grabowski, Natalia Drwska-Matelska, ukasz Krych, Micha Kaszuba	
EPI_ISL_876044	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_876252, EPI_ISL_876262,	Massachusetts State Public Health Laboratory	Massachusetts State Public Health Laboratory	Andrew Lang, Timelia Fink, Glen Gallagher, Sandra Smole

EPI_ISL_876284, EPI_ISL_876292, EPI_ISL_876303, EPI_ISL_876308, EPI_ISL_876316, EPI_ISL_876317			
EPI_ISL_876533, EPI_ISL_876534, EPI_ISL_876537, EPI_ISL_876538, EPI_ISL_876541, EPI_ISL_876542, EPI_ISL_876543, EPI_ISL_876544, EPI_ISL_876545, EPI_ISL_876546, EPI_ISL_876547, EPI_ISL_876548, EPI_ISL_876549, EPI_ISL_876550, EPI_ISL_876551			
see above	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton
EPI_ISL_876590, EPI_ISL_876592	TN Division of Laboratory Services	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Yan Li, Jing Zhang, Krista Queen, Anna Uehara, Peter Cook, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_876740	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Parisi A., Bianco A., Capozzi L., Del Sambio L., Manzulli V, Rondinone V., Pace L., Cipolletta D., Galante D.
EPI_ISL_876743	Presidio di Brindisi Di Summa - Perrino	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Parisi A., Bianco A., Capozzi L., Del Sambio L., Manzulli V, Rondinone V., Pace L., Cipolletta D., Galante D.
EPI_ISL_876744, EPI_ISL_876745, EPI_ISL_876746, EPI_ISL_876747, EPI_ISL_876749, EPI_ISL_876750, EPI_ISL_876751, EPI_ISL_876752, EPI_ISL_876753, EPI_ISL_876755, EPI_ISL_876756, EPI_ISL_876757, EPI_ISL_876758, EPI_ISL_876759, EPI_ISL_876760, EPI_ISL_876761, EPI_ISL_876762, EPI_ISL_876763, EPI_ISL_876764, EPI_ISL_876765, EPI_ISL_876766, EPI_ISL_876767, EPI_ISL_876768, EPI_ISL_876769, EPI_ISL_876770, EPI_ISL_876771, EPI_ISL_876772, EPI_ISL_876773, EPI_ISL_876774, EPI_ISL_876775, EPI_ISL_876776, EPI_ISL_876777, EPI_ISL_876778, EPI_ISL_876779, EPI_ISL_876780, EPI_ISL_876781, EPI_ISL_876782, EPI_ISL_876783, EPI_ISL_876785, EPI_ISL_876786, EPI_ISL_876787, EPI_ISL_876788, EPI_ISL_876789, EPI_ISL_876790, EPI_ISL_876791, EPI_ISL_876792, EPI_ISL_876793, EPI_ISL_876794, EPI_ISL_876795, EPI_ISL_876796, EPI_ISL_876797, EPI_ISL_876798, EPI_ISL_876800, EPI_ISL_876801, EPI_ISL_876802, EPI_ISL_876803, EPI_ISL_876804, EPI_ISL_876805, EPI_ISL_876806, EPI_ISL_876808, EPI_ISL_876809			
see above	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Parisi A., Bianco A., Capozzi L., Del Sambio L., Manzulli V, Rondinone V., Pace L., Cipolletta D., Galante D.
EPI_ISL_877186	Quest Diagnostics	Quest Diagnostics	Rosenthal,S.H., Gerasimova,A., Kagan,R.M., Anderson, B., Hua, M., Liu Y., Bernstein, L.E., Livingston, K.E., Perez, A., Shalhout, D.F., Shlyakhter, I.A., Owen, R., Tanpaiboon, P., Lacbawan, F.
EPI_ISL_877228	Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia	Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia	Suppiah J, Kamel K, Azizan MA, Thayan R
EPI_ISL_877419	Siti Khodijah Hospital	Institute of Tropical Disease, Universitas Airlangga	Krisnoadi Rahardjo, Aldise M Nastri, Jezzy R Dewantari, Rima R Prasetya, Muhammad Hamdan, Gatot Soegiarto, Laksmi Wulandari, Resti Yudhawati, Yasuko Mori, Soetjipto, Kazufumi Shimizu, Maria I Lusida
EPI_ISL_877420	Darus Syifa' Islamic Hospital	Institute of Tropical Disease, Universitas Airlangga	Aldise M Nastri, Jezzy R Dewantari, Rima R Prasetya, Krisnoadi Rahardjo, HM Faiz, Gatot Soegiarto, Laksmi Wulandari, Resti Yudhawati, Soetjipto, Yasuko Mori, Maria I Lusida, Kazufumi Shimizu
EPI_ISL_877421	Institute of Tropical Disease	Institute of Tropical Disease, Universitas Airlangga	Jezzy R Dewantari, Rima R Prasetya, Krisnoadi Rahardjo, Laksmi Wulandari, Resti Yudhawati, Soetjipto, Yasuko Mori, Maria I Lusida, Kazufumi Shimizu
EPI_ISL_877422	Citra Medika Hospital	Institute of Tropical Disease, Universitas Airlangga	Rima R Prasetya, Krisnoadi Rahardjo, Aldise M Nastri, Jezzy R Dewantari, Wahidah Rachmaniyah, Gatot Soegiarto, Laksmi Wulandari, Resti Yudhawati, Soetjipto, Yasuko Mori, Maria I Lusida, Kazufumi Shimizu
EPI_ISL_877423	Primasatya Husada Citra Hospital	Institute of Tropical Disease, Universitas Airlangga	Maria I Lusida, Krisnoadi Rahardjo, Aldise M Nastri, Jezzy R Dewantari, Rima R Prasetya, Pudji Djanuartono, Gatot Soegiarto, Laksmi Wulandari, Resti Yudhawati, Soetjipto, Yasuko Mori, Kazufumi Shimizu
EPI_ISL_877438, EPI_ISL_877439, EPI_ISL_877441, EPI_ISL_877442, EPI_ISL_877444, EPI_ISL_877445, EPI_ISL_877447, EPI_ISL_877448, EPI_ISL_877452	Institute of Microbiology and Immunology, Faculty of Medicine, University of Ljubljana	Institute of Microbiology and Immunology, Faculty of Medicine, University of Ljubljana	Samo Zakotnik, Tomaž Mark Zorec, Matic Brvar, Miša Korva, Mario Poljak, Tatjana Avši - Županc
EPI_ISL_877456	Primasatya Husada Citra Hospital	Institute of Tropical Disease, Universitas Airlangga	Krisnoadi Rahardjo, Aldise M Nastri, Jezzy R Dewantari, Rima R Prasetya, Pudji Djanuartono, Gatot Soegiarto, Laksmi Wulandari, Resti Yudhawati, Soetjipto, Yasuko Mori, Maria I Lusida, Kazufumi Shimizu
EPI_ISL_877457	Primasatya Husada Citra Hospital	Institute of Tropical Disease, Universitas Airlangga	Aldise M Nastri, Jezzy R Dewantari, Rima R Prasetya, Krisnoadi Rahardjo, Pudji Djanuartono, Gatot Soegiarto, Laksmi Wulandari, Resti Yudhawati, Soetjipto, Yasuko Mori, Maria I Lusida, Kazufumi Shimizu
EPI_ISL_877458	Anwar Medika General Hospital	Institute of Tropical Disease, Universitas Airlangga	Jezzy R Dewantari, Rima R Prasetya, Krisnoadi Rahardjo, Aldise M Nastri, Nungky Taniasari, Gatot Soegiarto, Laksmi Wulandari, Resti Yudhawati, Soetjipto, Yasuko Mori, Maria I Lusida, Kazufumi Shimizu
EPI_ISL_877459	Darmo Hospital	Institute of Tropical Disease, Universitas Airlangga	Rima R Prasetya, Krisnoadi Rahardjo, Aldise M Nastri, Jezzy R Dewantari, Sulung Budianto, Gatot Soegiarto, Laksmi Wulandari, Resti Yudhawati, Soetjipto, Yasuko Mori, Maria I Lusida, Kazufumi Shimizu
EPI_ISL_877460	Siti Khodijah Hospital	Institute of Tropical Disease, Universitas Airlangga	Maria I Lusida, Krisnoadi Rahardjo, Aldise M Nastri, Jezzy R Dewantari, Rima R Prasetya, Muhammad Hamdan, Gatot Soegiarto, Laksmi Wulandari, Resti Yudhawati, Soetjipto, Yasuko Mori, Kazufumi Shimizu
EPI_ISL_877538	Siti Khodijah Hospital	Institute of Tropical Disease, Universitas Airlangga	Krisnoadi Rahardjo, Aldise M Nastri, Jezzy R Dewantari, Rima R Prasetya, Muhammad Hamdan, Gatot Soegiarto, Laksmi Wulandari, Resti Yudhawati, Soetjipto, Yasuko Mori, Maria I Lusida, Kazufumi Shimizu
EPI_ISL_878180, EPI_ISL_878191, EPI_ISL_878202, EPI_ISL_878226, EPI_ISL_878239, EPI_ISL_878266, EPI_ISL_878271, EPI_ISL_878384, EPI_ISL_878389	San Diego County Public Health Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Tracy Basler, Jovan Shephard, Brett Austin
EPI_ISL_878571	Biolab Diagnostic Laboratories	Andersen lab at Scripps Research	Issa Abu-Dayyeh, Ahmad Tibi, Lama Hussein, Lina Mohammad, Zein Naber, Amid Abdelnour with SEARCH Alliance San Diego
EPI_ISL_878587, EPI_ISL_878597	San Diego County Public Health Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Tracy Basler, Jovan Shephard, Brett Austin
EPI_ISL_878658, EPI_ISL_878674, EPI_ISL_878697, EPI_ISL_878700, EPI_ISL_878707, EPI_ISL_878721, EPI_ISL_878724, EPI_ISL_878732, EPI_ISL_878734, EPI_ISL_878736, EPI_ISL_878739, EPI_ISL_878742, EPI_ISL_878747, EPI_ISL_878750, EPI_ISL_878752, EPI_ISL_878755, EPI_ISL_878757, EPI_ISL_878760, EPI_ISL_878763, EPI_ISL_878765, EPI_ISL_878771, EPI_ISL_878773, EPI_ISL_878776, EPI_ISL_878779, EPI_ISL_878781, EPI_ISL_878789, EPI_ISL_878797			
see above	Rady's Childrens Hospital	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Nanda Radamchar, David Dimmock, Linda Luo, Christina Clarke, Kathryn Bouic, Teresa Mueller, Denise Mallick
EPI_ISL_879929, EPI_ISL_879939, EPI_ISL_879945, EPI_ISL_880006, EPI_ISL_880024	San Diego County Public Health Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Tracy Basler, Jovan Shephard, Brett Austin
EPI_ISL_880171, EPI_ISL_880172, EPI_ISL_880173, EPI_ISL_880174, EPI_ISL_880175, EPI_ISL_880180, EPI_ISL_880181, EPI_ISL_880184, EPI_ISL_880185, EPI_ISL_880187, EPI_ISL_880188, EPI_ISL_880189, EPI_ISL_880190, EPI_ISL_880193, EPI_ISL_880194, EPI_ISL_880195			
see above	Rady's Childrens Hospital	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Nanda Radamchar, David Dimmock, Linda Luo, Christina Clarke, Kathryn Bouic, Teresa Mueller, Denise Mallick
EPI_ISL_882303, EPI_ISL_882305, EPI_ISL_882307, EPI_ISL_882314, EPI_ISL_882316, EPI_ISL_882320, EPI_ISL_882323, EPI_ISL_882327, EPI_ISL_882332, EPI_ISL_882333, EPI_ISL_882343, EPI_ISL_882361, EPI_ISL_882363, EPI_ISL_882364, EPI_ISL_882372, EPI_ISL_882375, EPI_ISL_882388, EPI_ISL_882390, EPI_ISL_882393, EPI_ISL_882397, EPI_ISL_882398, EPI_ISL_882404, EPI_ISL_882409, EPI_ISL_882413, EPI_ISL_882415, EPI_ISL_882420, EPI_ISL_882421, EPI_ISL_882427, EPI_ISL_882437, EPI_ISL_882438, EPI_ISL_882442, EPI_ISL_882452, EPI_ISL_882473, EPI_ISL_882475, EPI_ISL_882476, EPI_ISL_882480, EPI_ISL_882491, EPI_ISL_882506, EPI_ISL_882512, EPI_ISL_882520, EPI_ISL_882525, EPI_ISL_882538, EPI_ISL_882539, EPI_ISL_882542, EPI_ISL_882548, EPI_ISL_882550, EPI_ISL_882559, EPI_ISL_882562, EPI_ISL_882571, EPI_ISL_882580, EPI_ISL_882586, EPI_ISL_882595			
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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_882617, EPI_ISL_882621, EPI_ISL_882623	Hospital Ramón y Cajal	Hospital Ramón y Cajal	José M Gonzalez-Alba, Concepción Rodríguez, Melanie Abreu, Laura Martínez, Val F Lanza, Luz Leticia Olavarrieta, Rafael Cantón, JC Galán



EPI_ISL_882648, EPI_ISL_882649	Swiss National Reference Centre for Influenza Virology laboratory, CNRI	Swiss National Reference Centre for Influenza Virology laboratory, CNRI	Tim Roloff, Ana Rita Gonçalves, Madlen Stange, Helena MB Seth-Smith, Alfredo Mari, Karoline Leuzinger, Julia Bielicki, Manuel Battagay, Hans Hirsch, Laurent Kaiser, Adrian Egli
EPI_ISL_882661, EPI_ISL_882662	Hospital de Santa Barbara de Goias	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_882663, EPI_ISL_882664	LACEN do Distrito Federal	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_882763, EPI_ISL_882765, EPI_ISL_882766, EPI_ISL_882767	1.AO Universitaria 'S. Giovanni di Dio e Ruggi D'Aragona, Scuola Medica Salernitana' Hospital / 2.UOC di Virologia e Microbiologia, Università della Campania 'L. Vanvitelli' / 3.AO Universitaria 'Federico II' Napoli Hospital / 4.AORN 'San Giuseppe Moscati' Avellino Hospital / 5.AO 'San Pio - presidio G. Rummo' Benevento Hospital / 6.AO 'Sant'Anna e San Sebastiano' Caserta Hospital / 7.PO 'Maria Santissima Addolorata' Eboli Hospital / 8.BiGom Istituto di Ricerche Genetiche	1. Genome Research Center for Health (CRGS) / 2. Laboratory of Molecular Medicine and Genomics(LMMGe) / 3. Center for Research in Pure and Applied Mathematics (CRMPA)	Giorgio Giurato, Francesca Rizzo, Alessandro Weisz, Gianluigi Franci, Giovanni Nassa, Pasquale Pagliano, Roberta Tarallo, Elena Alexandrova, Ylenia D'Agostino, Carlo Ferravante, Jessica Lamberti, Viola Melone, Domenico Memoli, Valeria Mirici Cappa, Domenico Palumbo, Giovanni Pecoraro, Assunta Sellitto, Oriana Strianese, Ilaria Terenzi, Giuseppe Fenza, Aniello Gentile, Antonello Saccomanno, Sonia Amabile, Teresa Rocco, Annamaria Salvati, Emilia Vaccaro, Massimiliano Galdiero, Michele Cennamo, Giuseppe Portella, Maria Grazia Foti, Mariarosaria Ingino, Maria Landi, Maurizio Fumi, Vincenzo Rocco, Rita Greco, Vittoria Letizia, Arnolfo Petruzzello, Maddalena Schioppa, Gregorio Goffredi, Francesca Marciano, Michele Caraglia, Alessia Cossu, Marianna Scrima
EPI_ISL_882769	Institute of Tropical Disease	Institute of Tropical Disease, Universitas Airlangga	Kazufumi Shimizu, Krisnoadi Rahardjo, Aldise M Nastri, Jezy R Dewantari, Rima R Prasetya, Gatot Soegiarto, Laksmi Wulandari, Resti Yudhawati, Yasuko Mori, Soetjipto, Maria I Lusida
EPI_ISL_882770	Darus Syifa' Islamic Hospital	Institute of Tropical Disease, Universitas Airlangga	Aldise M Nastri, Jezy R Dewantari, Rima R Prasetya, Krisnoadi Rahardjo, HM Faiz, Gatot Soegiarto, Laksmi Wulandari, Resti Yudhawati, Soetjipto, Yasuko Mori, Kazufumi Shimizu, Maria I Lusida
EPI_ISL_882771	Siti Khodijah Hospital	Institute of Tropical Disease, Universitas Airlangga	Kazufumi Shimizu, Krisnoadi Rahardjo, Aldise M Nastri, Jezy R Dewantari, Rima R Prasetya, Muhammad Hamdan, Gatot Soegiarto, Laksmi Wulandari, Resti Yudhawati, Yasuko Mori, Soetjipto, Maria I Lusida
EPI_ISL_882921	Genomic Medicine Laboratory, IRCCS Santa Lucia Foundation	INMI Lazzaro Spallanzani IRCCS	M Rueca, E Giombini, C.E.M Gruber, B Bartolini, O Butera, F Messina, E Giardina, A Di Caro, MR Capobianchi
EPI_ISL_882924	INMI Lazzaro Spallanzani IRCCS	INMI Lazzaro Spallanzani IRCCS	F Messina, O Butera, E Giombini, M Rueca, B Bartolini, C.E.M Gruber, MR Capobianchi, A Di Caro
EPI_ISL_882925	INMI Lazzaro Spallanzani IRCCS	INMI Lazzaro Spallanzani IRCCS	C.E.M Gruber, B Bartolini, E Giombini, M Rueca, O Butera, F Messina, A Di Caro, MR Capobianchi
EPI_ISL_882958, EPI_ISL_882959, EPI_ISL_882962	National Institute of Public Health - National Institute of Hygiene	National Institute of Public Health - National Institute of Hygiene	Wokowicz Tomasz, Zacharczuk Katarzyna, Gawor Jan
EPI_ISL_883006, EPI_ISL_883007, EPI_ISL_883008, EPI_ISL_883009, EPI_ISL_883010, EPI_ISL_883033, EPI_ISL_883034	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_883198, EPI_ISL_883200, EPI_ISL_883201, EPI_ISL_883202, EPI_ISL_883203, EPI_ISL_883204, EPI_ISL_883205, EPI_ISL_883206, EPI_ISL_883207, EPI_ISL_883210, EPI_ISL_883211, EPI_ISL_883216, EPI_ISL_883217, EPI_ISL_883218, EPI_ISL_883219, EPI_ISL_883220, EPI_ISL_883221, EPI_ISL_883222, EPI_ISL_883223, EPI_ISL_883224, EPI_ISL_883225, EPI_ISL_883228, EPI_ISL_883228, EPI_ISL_883235, EPI_ISL_883236, EPI_ISL_883237, EPI_ISL_883238, EPI_ISL_883239, EPI_ISL_883240, EPI_ISL_883241, EPI_ISL_883242, EPI_ISL_883243, EPI_ISL_883244, EPI_ISL_883245, EPI_ISL_883246, EPI_ISL_883247, EPI_ISL_883250, EPI_ISL_883257, EPI_ISL_883258, EPI_ISL_883259, EPI_ISL_883260, EPI_ISL_883261, EPI_ISL_883262, EPI_ISL_883263, EPI_ISL_883264, EPI_ISL_883265, EPI_ISL_883266, EPI_ISL_883267, EPI_ISL_883270, EPI_ISL_883273, EPI_ISL_883274, EPI_ISL_883275, EPI_ISL_883276, EPI_ISL_883277, EPI_ISL_883278, EPI_ISL_883279, EPI_ISL_883280, EPI_ISL_883281, EPI_ISL_883283, EPI_ISL_883284			
see above	Eurofins Diatherix	Hudsonalpha Genome Sequencing Center	Jane Grimwood, Melissa Williams, Lori H. Handley, Joshua Stough, Leslie Malone, Stefan Brzezinski, Ada Stewart, Teresa Jones, Jenell Webber, John Lovell, Jennifer Cart, and Jeremy Schmutz
EPI_ISL_883350	OCME Office Of Chief Medical Examiner	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_883501, EPI_ISL_883502, EPI_ISL_883503, EPI_ISL_883504, EPI_ISL_883505, EPI_ISL_883506, EPI_ISL_883519, EPI_ISL_883520, EPI_ISL_883521, EPI_ISL_883522, EPI_ISL_883523, EPI_ISL_883524, EPI_ISL_883537, EPI_ISL_883538, EPI_ISL_883539, EPI_ISL_883540, EPI_ISL_883541, EPI_ISL_883542, EPI_ISL_883555, EPI_ISL_883556, EPI_ISL_883557, EPI_ISL_883558, EPI_ISL_883559, EPI_ISL_883560, EPI_ISL_883575, EPI_ISL_883576, EPI_ISL_883577, EPI_ISL_883578, EPI_ISL_883579, EPI_ISL_883580, EPI_ISL_883595, EPI_ISL_883596, EPI_ISL_883597, EPI_ISL_883598, EPI_ISL_883599, EPI_ISL_883600, EPI_ISL_883613, EPI_ISL_883614, EPI_ISL_883615, EPI_ISL_883616, EPI_ISL_883617, EPI_ISL_883618, EPI_ISL_883633, EPI_ISL_883634, EPI_ISL_883635, EPI_ISL_883636, EPI_ISL_883637, EPI_ISL_883638, EPI_ISL_883651, EPI_ISL_883652, EPI_ISL_883653, EPI_ISL_883654, EPI_ISL_883655, EPI_ISL_883656, EPI_ISL_883670, EPI_ISL_883671, EPI_ISL_883672, EPI_ISL_883673, EPI_ISL_883674, EPI_ISL_883675, EPI_ISL_883689, EPI_ISL_883691, EPI_ISL_883692, EPI_ISL_883693, EPI_ISL_883694, EPI_ISL_883696, EPI_ISL_883709, EPI_ISL_883710, EPI_ISL_883711, EPI_ISL_883712, EPI_ISL_883713, EPI_ISL_883714, EPI_ISL_883727, EPI_ISL_883728, EPI_ISL_883729, EPI_ISL_883730, EPI_ISL_883731, EPI_ISL_883732, EPI_ISL_883745, EPI_ISL_883746, EPI_ISL_883747, EPI_ISL_883748, EPI_ISL_883749, EPI_ISL_883750, EPI_ISL_883763, EPI_ISL_883764, EPI_ISL_883765, EPI_ISL_883766, EPI_ISL_883767, EPI_ISL_883768, EPI_ISL_883787, EPI_ISL_883788, EPI_ISL_883789, EPI_ISL_883790, EPI_ISL_883791, EPI_ISL_883792, EPI_ISL_883805, EPI_ISL_883806, EPI_ISL_883807, EPI_ISL_883808, EPI_ISL_883809, EPI_ISL_883810, EPI_ISL_883823, EPI_ISL_883824, EPI_ISL_883825, EPI_ISL_883826, EPI_ISL_883827, EPI_ISL_883828, EPI_ISL_883841, EPI_ISL_883842, EPI_ISL_883843, EPI_ISL_883844, EPI_ISL_883845, EPI_ISL_883846, EPI_ISL_883860, EPI_ISL_883861, EPI_ISL_883868, EPI_ISL_883869, EPI_ISL_883871, EPI_ISL_883872, EPI_ISL_883885, EPI_ISL_883886, EPI_ISL_883887, EPI_ISL_883888, EPI_ISL_883889, EPI_ISL_883890, EPI_ISL_883904, EPI_ISL_883906, EPI_ISL_883907, EPI_ISL_883908, EPI_ISL_883909, EPI_ISL_883910, EPI_ISL_883923, EPI_ISL_883924, EPI_ISL_883925, EPI_ISL_883927, EPI_ISL_883928, EPI_ISL_883929, EPI_ISL_883943, EPI_ISL_883944, EPI_ISL_883945, EPI_ISL_883946, EPI_ISL_883947, EPI_ISL_883948, EPI_ISL_883950, EPI_ISL_883951, EPI_ISL_883952, EPI_ISL_883954, EPI_ISL_883955, EPI_ISL_883956			
see above	Eurofins Diatherix	Hudsonalpha Genome Sequencing Center	Jane Grimwood, Melissa Williams, Lori H. Handley, Joshua Stough, Leslie Malone, Stefan Brzezinski, Ada Stewart, Teresa Jones, Jenell Webber, John Lovell, Jennifer Cart, and Jeremy Schmutz
EPI_ISL_883998, EPI_ISL_883999	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, Rousset Dominique
EPI_ISL_884087	Wazed Mia Science Research Center, Jahangirnagar University in collaboration with GRMDRC, Dhaka and Invent Technologies Ltd, Dhaka, Bangladesh	COVID Research Cell (CRC), Wazed Miah Science Research Center	Md. Abdul Matin, Bishajit Sarkar, Md. Asad Ullah, Yusha Araf, Nihad Adnan, Abdullah Al Nahid, Rashedul Islam, Mohammad Shahedur Rahman
EPI_ISL_884857, EPI_ISL_884858, EPI_ISL_884859, EPI_ISL_884861, EPI_ISL_884862, EPI_ISL_884863	Bacteriology, Georgia Public Health Laboratory (GPHL)	Bacteriology, Georgia Public Health Laboratory (GPHL)	Reeves,S., Edwards,J., Dixey,C., Parrott,T.
EPI_ISL_884873, EPI_ISL_884879, EPI_ISL_884885, EPI_ISL_884886, EPI_ISL_884887, EPI_ISL_884888, EPI_ISL_884892, EPI_ISL_884894, EPI_ISL_884895, EPI_ISL_884896, EPI_ISL_884897, EPI_ISL_884903, EPI_ISL_884917, EPI_ISL_884922, EPI_ISL_884923, EPI_ISL_884924, EPI_ISL_884931, EPI_ISL_884933, EPI_ISL_884934, EPI_ISL_884937, EPI_ISL_884938, EPI_ISL_884940, EPI_ISL_884941, EPI_ISL_884943, EPI_ISL_884945, EPI_ISL_884955, EPI_ISL_884956, EPI_ISL_884958, EPI_ISL_884966, EPI_ISL_884968, EPI_ISL_884971, EPI_ISL_884974, EPI_ISL_884976, EPI_ISL_884977, EPI_ISL_884980, EPI_ISL_884981, EPI_ISL_884986, EPI_ISL_884987, EPI_ISL_884989, EPI_ISL_884999, EPI_ISL_885013, EPI_ISL_885014, EPI_ISL_885015, EPI_ISL_885051			
see above	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium







		Mosquito Program (WMP) Yogyakarta Center for Tropical Medicine FK-KMK UGM; Integrated Research center FK-KMK UGM; Department of Computer Science and Electronics FMIPA UGM	
EPI_ISL_902749	RSA UGM	Genetics Working Group (Pokja Genetik) Faculty of Medicine, Public Health and Nursing Universitas Gadjah Mada (FK-KMK UGM); Disease Investigation Center Wates Ministry of Agriculture Indonesia; Department of Microbiology FK-KMK UGM; Laboratorium Diagnostik Yayasan Tahija World Mosquito Program (WMP) Yogyakarta Center for Tropical Medicine FK-KMK UGM; Integrated Research center FK-KMK UGM; Department of Computer Science and Electronics FMIPA UGM	Gunadi, Hendra Wibawa, Marcellus, Mohamad S. Hakim, Edwin W. Daniwijaya, Ludhang P. Rizki, Endah Supriyati, Eggi Arguni, Titik Nuryastuti, Tri Wibawa, Dwi AA Nugrahaningsih, Afiahayati, Siswanto, Kristy Iskandar, Nungki Anggorowati, Dyah Ayu Puspitarani, Dwiki afandy
EPI_ISL_902758, EPI_ISL_902856, EPI_ISL_902857, EPI_ISL_902858, EPI_ISL_902859, EPI_ISL_902860, EPI_ISL_902861, EPI_ISL_902862, EPI_ISL_902863, EPI_ISL_902864, EPI_ISL_902865, EPI_ISL_902866, EPI_ISL_902867, EPI_ISL_902868, EPI_ISL_902869, EPI_ISL_902870, EPI_ISL_902871, EPI_ISL_902872, EPI_ISL_902873, EPI_ISL_902874, EPI_ISL_902875, EPI_ISL_902876, EPI_ISL_902877, EPI_ISL_902878, EPI_ISL_902879, EPI_ISL_902880, EPI_ISL_902881, EPI_ISL_902882, EPI_ISL_902883, EPI_ISL_902884, EPI_ISL_902885, EPI_ISL_902886, EPI_ISL_902887, EPI_ISL_902888			
see above	Department of Virology and Immunology, University of Helsinki and Helsinki University Hospital, Huslab Finland	Department of Virology, Faculty of Medicine, University of Helsinki, Helsinki, Finland	Teemu Smura, Ravi Kant, Phuoc Truong, Hussein Alburkat, Hannimari Kallio-Kokko, Jenni Virtanen, Maija Suvanto, Essi Korhonen, Sari Hannula, Harri Kangas, Hanna Liimatainen, Satu Kurkela, Hanna Jarva, Maija Lappalainen, Pekka Ellonen, Olli Vapalahti
EPI_ISL_903025	Seattle Flu Study	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, Karen Cowgill, Stephanie Schrag, Jeff Duchin, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Helen Y. Chu, Trevor Bedford, Jay Shendure
EPI_ISL_903048	Seattle Flu Study	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, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Jay Shendure, Trevor Bedford, Helen Y. Chu
EPI_ISL_903117	Washington State Department of Health	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_903240, EPI_ISL_903241, EPI_ISL_903243, EPI_ISL_903244, EPI_ISL_903247, EPI_ISL_903249, EPI_ISL_903250, EPI_ISL_903251, EPI_ISL_903252, EPI_ISL_903254, EPI_ISL_903259, EPI_ISL_903260, EPI_ISL_903261, EPI_ISL_903262, EPI_ISL_903263, EPI_ISL_903268, EPI_ISL_903269, EPI_ISL_903270, EPI_ISL_903271, EPI_ISL_903272, EPI_ISL_903274, EPI_ISL_903275, EPI_ISL_903277, EPI_ISL_903278, EPI_ISL_903279, EPI_ISL_903280, EPI_ISL_903286			
see above	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_903369	Los Angeles County PHL	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_903639	AR Dept. of Health-Public Health Lab	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong
EPI_ISL_903659	MN PHL Division, Minnesota Department of Health	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong
EPI_ISL_903664	NV State Public Health Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong
EPI_ISL_903666	OR State PHL-Virology/Immunology Section	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong
EPI_ISL_903693	LA Office of Public Health Laboratories	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong
EPI_ISL_903694	VT Dept. of Health Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong
EPI_ISL_903695	OK Public Health Laboratory, Oklahoma State DOH	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong
EPI_ISL_903703, EPI_ISL_903731	NV State Public Health Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong
EPI_ISL_903736	PA Department of Health, Bureau of Laboratories	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong
EPI_ISL_903739	LA Office of Public Health Laboratories	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong
EPI_ISL_903740	NM Dept. Health, Scientific Laboratory Division	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong
EPI_ISL_903751	PA Department of Health, Bureau of Laboratories	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong
EPI_ISL_903777	NC State Laboratory of Public Health	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong
EPI_ISL_903778	PA Department of Health, Bureau of Laboratories	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong
EPI_ISL_903807	IL Dept. of Public Health Springfield Laboratory	Genomics and Discovery, Respiratory Viruses Branch,	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine



		Mosquito Program (WMP) Yogyakarta Center for Tropical Medicine FK-KMK UGM; Integrated Research center FK-KMK UGM; Department of Computer Science and Electronics FMIPA UGM	
EPI_ISL_905752, EPI_ISL_905753	Laboratorium Mikrobiologiczne SYNEVO	National Institute of Public Health - National Institute of Hygiene	Wokowicz Tomasz, Zacharczuk Katarzyna
EPI_ISL_905839, EPI_ISL_905862, EPI_ISL_905865	OHSU Lab Services Molecular Microbiology Lab	Oregon SARS-CoV-2 Genome Sequencing Center	Brendan L. O'Connell, Sally Grindstaff, Kayla Carter, Ruth V. Nichols, Alec J. Hirsch, Donna Hansel, Guang Fan, Xuan, Qin, Daniel N. Streblow, William B. Messer, Andrew C. Adey, Benjamin N. Bimber, Brian J. O'Roak
EPI_ISL_906050	RSA UGM	Genetics Working Group (Pokja Genetik) Faculty of Medicine, Public Health and Nursing Universitas Gadjah Mada (FK-KMK UGM); Disease Investigation Center Wates Ministry of Agriculture Indonesia; Department of Microbiology FK-KMK UGM; Laboratorium Diagnostik Yayasan Tahija World	Gunadi, Hendra Wibawa, Marcellus, Mohamad S. Hakim, Edwin W. Daniwijaya, Ludhang P. Rizki, Endah Supriyati, Eggi Arguni, Titik Nuryastuti, Tri Wibawa, Dwi AA Nugrahaningsih, Afiahayati, Siswanto,Kristy Iskandar,Nungki Anggorowati, Susan Simanjaya, Kemala Athollah
		Mosquito Program (WMP) Yogyakarta Center for Tropical Medicine FK-KMK UGM; Integrated Research center FK-KMK UGM; Department of Computer Science and Electronics FMIPA UGM	
EPI_ISL_906051	RSA UGM	Genetics Working Group (Pokja Genetik) Faculty of Medicine, Public Health and Nursing Universitas Gadjah Mada (FK-KMK UGM); Disease Investigation Center Wates Ministry of Agriculture Indonesia; Department of Microbiology FK-KMK UGM; Laboratorium Diagnostik Yayasan Tahija World	Gunadi, Hendra Wibawa, Marcellus, Mohamad S. Hakim, Edwin W. Daniwijaya, Ludhang P. Rizki, Endah Supriyati, Eggi Arguni, Titik Nuryastuti, Tri Wibawa, Dwi AA Nugrahaningsih, Afiahayati, Siswanto, Kristy Iskandar, Nungki Anggorowati, Alvin Santoso Kalim, Dwiki Afandy
		Mosquito Program (WMP) Yogyakarta Center for Tropical Medicine FK-KMK UGM; Integrated Research center FK-KMK UGM; Department of Computer Science and Electronics FMIPA UGM	
EPI_ISL_906052	RSA UGM	Genetics Working Group (Pokja Genetik) Faculty of Medicine, Public Health and Nursing Universitas Gadjah Mada (FK-KMK UGM); Disease Investigation Center Wates Ministry of Agriculture Indonesia; Department of Microbiology FK-KMK UGM; Laboratorium Diagnostik Yayasan Tahija World	Gunadi, Hendra Wibawa, Marcellus, Mohamad S. Hakim, Edwin W. Daniwijaya, Ludhang P. Rizki, Endah Supriyati, Eggi Arguni, Titik Nuryastuti, Tri Wibawa, Dwi AA Nugrahaningsih, Afiahayati, Siswanto, Kristy Iskandar, Nungki Anggorowati, William Widiitjarso, Untung Riawan
		Mosquito Program (WMP) Yogyakarta Center for Tropical Medicine FK-KMK UGM; Integrated Research center FK-KMK UGM; Department of Computer Science and Electronics FMIPA UGM	
EPI_ISL_906057, EPI_ISL_906058, EPI_ISL_906061, EPI_ISL_906062	Tilia Laboratories s.r.o.	Tilia Laboratories s.r.o.	Sona Pekova, MD, PhD.
EPI_ISL_906122, EPI_ISL_906126, EPI_ISL_906127, EPI_ISL_906129	Institute of Microbiology and Immunology, Faculty of Medicine, University of Ljubljana	Institute of Microbiology and Immunology, Faculty of Medicine, University of Ljubljana	Samo Zakotnik, Tomaž Mark Zorec, Matic Brvar, Miša Korva, Mario Poljak, Tatjana Avši - Županc
EPI_ISL_906264	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_906286, EPI_ISL_906287, EPI_ISL_906288, EPI_ISL_906301, EPI_ISL_906302, EPI_ISL_906303	Nigeria Centre for Disease Control (NCDC)	African Centre of Excellence for Genomics of Infectious Diseases (ACEGID), Redeemer's University	Oluniyi P.E. et al
EPI_ISL_906562, EPI_ISL_906563, EPI_ISL_906564, EPI_ISL_906565, EPI_ISL_906566, EPI_ISL_906567, EPI_ISL_906568, EPI_ISL_906569, EPI_ISL_906570, EPI_ISL_906571	Maine Health and Environmental Testing Laboratory (Maine HETL)	Tewhey Lab, The Jackson Laboratory	Matluk,N., Dewey,H., Iosue,F., Barter,M., Lynch,R., Munger,H. and Tewhey,R.
EPI_ISL_906726	Hematology Laboratory, Section of Molecular Diagnostics, University Clinical Centre, Medical University of Gdansk	Laboratory of Recombinant Vaccines	Lukasz Rabalski, Maciej Kosinski, Maciej Grzybek, Adam Sodal, Aneta Szulc, Krzysztof Lewandowski, Ewa Milosz, Marlena Robakowska, Bogusław Szewczyk, Krystyna Bienkowska-Szewczyk
EPI_ISL_906849, EPI_ISL_906850, EPI_ISL_906851	Respiratory Viruses Branch, Centers for Disease Control and Prevention	Respiratory Viruses Branch, Centers for Disease Control and Prevention	Tao,Y., Li,Y., Zhang,J., Queen,K., Uehara,A., Cook,P., Paden,C.R., Wang,H., Tong,S.
EPI_ISL_909686	GH Cochin-Broca Hôtel Dieu/Lab Virologie	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,L'Honneur Anne-Sophie
EPI_ISL_909741, EPI_ISL_909743	Ohio Department of Health Laboratory	Ohio Department of Health Laboratory	Holmes, Jennifer; Eric Brandt, Keoni Omura, Glen McGillivray, Caitlin McDonnell, Jade Mowery, Stephanie Mccracken, Tyler Payne, Kirtana Ramadugu, Erica Leasure, Brent Lee, Kelsey Florek, Heather Blankenship, Quanta Brown, and Tammy Bannerman
EPI_ISL_909948	CUSL/UCLouvain COVID testing federal platform	UCLouvain/IREC/MBLG	Jean Ruelle, Lysa Pinsmaye, Benoit Kabamba Mukadi
EPI_ISL_909964, EPI_ISL_909965, EPI_ISL_909966, EPI_ISL_909967, EPI_ISL_909968, EPI_ISL_909969, EPI_ISL_909970, EPI_ISL_909971, EPI_ISL_909972, EPI_ISL_909973, EPI_ISL_909974, EPI_ISL_909975, EPI_ISL_909977, EPI_ISL_909979, EPI_ISL_909980, EPI_ISL_909981, EPI_ISL_909982, EPI_ISL_909983, EPI_ISL_909984, EPI_ISL_909985, EPI_ISL_909986, EPI_ISL_909987, EPI_ISL_909988, EPI_ISL_909989, EPI_ISL_909990, EPI_ISL_909991, EPI_ISL_909992, EPI_ISL_909993, EPI_ISL_909994, EPI_ISL_909995, EPI_ISL_909996, EPI_ISL_909997, EPI_ISL_909998, EPI_ISL_909999, EPI_ISL_910000, EPI_ISL_910001, EPI_ISL_910002, EPI_ISL_910003, EPI_ISL_910004, EPI_ISL_910005, EPI_ISL_910006, EPI_ISL_910007, EPI_ISL_910008, EPI_ISL_910009, EPI_ISL_910010			
see above	A. Krumbholz, Labor Dr. Krause und Kollegen MVZ GmbH, Kiel	Charité Universitätsmedizin Berlin, Institut für Virologie	Victor M Corman, Tobias Bleicker, Julia Tesch, Barbara Mühlemann, Jörn Beheim-Schwarzbach, Talitha Veith, Julia Schneider, Cornelia Schlee, Tomasz Zemojtel, Terry Jones, Christian Drosten
EPI_ISL_910222	Viollier AG	University Hospital Basel, Clinical Bacteriology	Tim Roloff, Madlen Stange, Helena MB Seth-Smith, Alfredo Mari, Karoline Leuzinger, Julia Bielicki, Christiane Beckmann, Manuel Battegay, Hans Hirsch, Adrian Egli
EPI_ISL_910331, EPI_ISL_910332	Department of Infectious Diseases, Istituto Superiore di Sanità, Rome, Italy; AOUP Paolo Giaccone, Palermo, Italy	Istituto Superiore di Sanità (ISS)	Paola Stefanelli, Angela Di Martino, Alessandra Lo Presti, Stefano Fiore, Fabio Tramuto, Francesco Vitale, Carmelo Maida, Daniela Di Naro, Giulia Randazzo, Manuela Marra, Maria Carollo, Marco Crescenzi
EPI_ISL_910336	Laboratory for Respiratory Viruses, Cantacuzino National Military-Medical Institute for Research and Development	Cantacuzino Institute Virology	Luiza Ustea, Nicoleta Paraschiv, Mihaela Lazar
EPI_ISL_910347, EPI_ISL_910348, EPI_ISL_910349, EPI_ISL_910350, EPI_ISL_910351, EPI_ISL_910352, EPI_ISL_910353, EPI_ISL_910354, EPI_ISL_910355, EPI_ISL_910356, EPI_ISL_910357, EPI_ISL_910358, EPI_ISL_910359, EPI_ISL_910361, EPI_ISL_910362, EPI_ISL_910363, EPI_ISL_910364, EPI_ISL_910366, EPI_ISL_910367, EPI_ISL_910368, EPI_ISL_910369, EPI_ISL_910370, EPI_ISL_910372, EPI_ISL_910373, EPI_ISL_910374, EPI_ISL_910375, EPI_ISL_910377, EPI_ISL_910378, EPI_ISL_910379, EPI_ISL_910380, EPI_ISL_910382, EPI_ISL_910384, EPI_ISL_910385, EPI_ISL_910390, EPI_ISL_910392, EPI_ISL_910393, EPI_ISL_910394, EPI_ISL_910396, EPI_ISL_910397, EPI_ISL_910398, EPI_ISL_910399, EPI_ISL_910400, EPI_ISL_910401, EPI_ISL_910403, EPI_ISL_910404, EPI_ISL_910405, EPI_ISL_910406, EPI_ISL_910407, EPI_ISL_910408, EPI_ISL_910410, EPI_ISL_910411, EPI_ISL_910412, EPI_ISL_910413, EPI_ISL_910414, EPI_ISL_910415, EPI_ISL_910416, EPI_ISL_910417, EPI_ISL_910420, EPI_ISL_910422, EPI_ISL_910423, EPI_ISL_910424, EPI_ISL_910425, EPI_ISL_910427, EPI_ISL_910429, EPI_ISL_910430, EPI_ISL_910431, EPI_ISL_910432, EPI_ISL_910433, EPI_ISL_910434, EPI_ISL_910435, EPI_ISL_910437, EPI_ISL_910438, EPI_ISL_910439, EPI_ISL_910440, EPI_ISL_910442, EPI_ISL_910443, EPI_ISL_910444, EPI_ISL_910445, EPI_ISL_910446, EPI_ISL_910447, EPI_ISL_910448, EPI_ISL_910449, EPI_ISL_910471, EPI_ISL_910472, EPI_ISL_910473, EPI_ISL_910474, EPI_ISL_910475, EPI_ISL_910476, EPI_ISL_910477, EPI_ISL_910478, EPI_ISL_910479, EPI_ISL_910480, EPI_ISL_910481, EPI_ISL_910482, EPI_ISL_910483, EPI_ISL_910484, EPI_ISL_910485, EPI_ISL_910486, EPI_ISL_910487, EPI_ISL_910488, EPI_ISL_910489, EPI_ISL_910490, EPI_ISL_910491, EPI_ISL_910492, EPI_ISL_910494, EPI_ISL_910495, EPI_ISL_910500, EPI_ISL_910501, EPI_ISL_910503, EPI_ISL_910504, EPI_ISL_910506, EPI_ISL_910507, EPI_ISL_910508, EPI_ISL_910509, EPI_ISL_910510, EPI_ISL_910513, EPI_ISL_910515, EPI_ISL_910517, EPI_ISL_910518, EPI_ISL_910519, EPI_ISL_910523, EPI_ISL_910525, EPI_ISL_910528, EPI_ISL_910531, EPI_ISL_910532, EPI_ISL_910538, EPI_ISL_910543, EPI_ISL_910547, EPI_ISL_910548, EPI_ISL_910549, EPI_ISL_910552,			





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EPI_ISL_914647, EPI_ISL_914648, EPI_ISL_914649, EPI_ISL_914650, EPI_ISL_914651, EPI_ISL_914652, EPI_ISL_914653, EPI_ISL_914654, EPI_ISL_914655, EPI_ISL_914656, EPI_ISL_914657, EPI_ISL_914658, EPI_ISL_914659, EPI_ISL_914660, EPI_ISL_914661, EPI_ISL_914662, EPI_ISL_914663, EPI_ISL_914664, EPI_ISL_914665, EPI_ISL_914666, EPI_ISL_914667, EPI_ISL_914668, EPI_ISL_914669, EPI_ISL_914670, EPI_ISL_914671, EPI_ISL_914672, EPI_ISL_914673, EPI_ISL_914674, EPI_ISL_914675, EPI_ISL_914676, EPI_ISL_914677, EPI_ISL_914678, EPI_ISL_914679, EPI_ISL_914680, EPI_ISL_914681, EPI_ISL_914682, EPI_ISL_914683, EPI_ISL_914684, EPI_ISL_914685, EPI_ISL_914686, EPI_ISL_914687, EPI_ISL_914688, EPI_ISL_914689, EPI_ISL_914690, EPI_ISL_914691, EPI_ISL_914692, EPI_ISL_914693, EPI_ISL_914694, EPI_ISL_914695, EPI_ISL_914696, EPI_ISL_914697, EPI_ISL_914698, EPI_ISL_914699, EPI_ISL_914700, EPI_ISL_914701	see above	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin L. Young, Kelly F. Oakeson, Tara Gallagher
EPI_ISL_914794		AREA DE SALUD BUENOS AIRES	Incienza, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godínez, Melany Calderón & Mariel López
EPI_ISL_914795		HOSPITAL DR. FERNANDO ESCALANTE PRADILLA	Incienza, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godínez, Melany Calderón & Mariel López
EPI_ISL_914796, EPI_ISL_914797		TAMIAJE COMUNITARIO - PASO CANOAS	Incienza, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godínez, Melany Calderón & Mariel López
EPI_ISL_914798		AREA DE SALUD CARTAGO	Incienza, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godínez, Melany Calderón & Mariel López
EPI_ISL_914799, EPI_ISL_914800		AREA DE SALUD SAN FRANCISCO-SAN ANTONIO (COOPESANA)	Incienza, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godínez, Melany Calderón & Mariel López
EPI_ISL_914802		AREA DE SALUD CATEDRAL NORESTE	Incienza, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godínez, Melany Calderón & Mariel López
EPI_ISL_914803		AREA DE SALUD LA UNION	Incienza, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godínez, Melany Calderón & Mónica Charpentier-Artavia
EPI_ISL_914804		AREA DE SALUD TURRIALBA-JIMENEZ	Incienza, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godínez, Melany Calderón & Mónica Charpentier-Artavia
EPI_ISL_914805		AREA DE SALUD CARTAGO	Incienza, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godínez, Melany Calderón & Mónica Charpentier-Artavia
EPI_ISL_914806		AREA DE SALUD CORONADO	Incienza, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godínez & Melany Calderón
EPI_ISL_914807		HLE - ASOCIACION HOGAR DE ANCIANOS SANTIAGO CRESPO CALVO	Incienza, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godínez, Melany Calderón & Mariel López
EPI_ISL_914808		HLE - ASOCIACION HOGAR PARA ANCIANOS PRESBITERO JAFET JIMENEZ MORALES DE GRECIA	Incienza, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godínez, Melany Calderón & Mariel López
EPI_ISL_914809		AREA DE SALUD OREAMUNO-PACAYAS-TIERRA BLANCA	Incienza, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godínez, Melany Calderón & Mariel López
EPI_ISL_914810		AREA DE SALUD SAN JUAN-SAN DIEGO-CONCEPCION 2	Incienza, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godínez, Melany Calderón & Mariel López
EPI_ISL_914811, EPI_ISL_914812		AREA DE SALUD GOICOECHEA 2 - CLINICA DR. JIMENEZ NUNEZ	Incienza, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godínez, Melany Calderón & Mariel López
EPI_ISL_914813		TAMIAJE COMUNITARIO - PASO CANOAS	Incienza, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godínez, Melany Calderón & Mariel López
EPI_ISL_914814		HOSPITAL METROPOLITANO	Incienza, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godínez, Melany Calderón & Margarita Lee-Lui
EPI_ISL_914817, EPI_ISL_914819		HOSPITAL DE NIÑOS DR. CARLOS SAENZ HERRERA	Incienza, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godínez, Melany Calderón & Cristian Pérez-Corrales
EPI_ISL_914821, EPI_ISL_914822		HOSPITAL DR. ENRIQUE BALTODANO BRICEÑO	Incienza, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godínez, Melany Calderón & Mariel López
EPI_ISL_915358, EPI_ISL_915359, EPI_ISL_915363, EPI_ISL_915379, EPI_ISL_915381, EPI_ISL_915382, EPI_ISL_915383, EPI_ISL_915384, EPI_ISL_915416, EPI_ISL_915417, EPI_ISL_915419, EPI_ISL_915420	see above	Keio University School of Medicine	Keio University School of Medicine	Kenjiro Kosaki, Yuka Iwasaki, Hirotsugu Ishizu, Haruhiko Siomi, Kodai Abe
EPI_ISL_918167, EPI_ISL_918170, EPI_ISL_918171, EPI_ISL_918172, EPI_ISL_918173		Department of Infectious Diseases and Immunology, National Hospital Organization Nagoya Medical Center	Clinical Research Center, National Hospital Organization Nagoya Medical Center	Yoshihiro Nakata, Hirotaka Ode, Mai Kubota, Masakazu Matsuda, Kazuhiro Matsuoka, Miho Nakasuji, Mikiko Mori, Mayumi Imahashi, Yoshiyuki Yokomaku, Yasumasa Iwatani
EPI_ISL_918208, EPI_ISL_918233, EPI_ISL_918240, EPI_ISL_918248		Innovative Genomics Institute, UC Berkeley	Innovative Genomics Institute, UC Berkeley	Stacia Wyman, Haridha Shivram, Phil Frankino, Liana Lareau, Shana McDevitt, Justin Choi
EPI_ISL_918344, EPI_ISL_918345, EPI_ISL_918346, EPI_ISL_918357		Institute of Virology, Medical Center, University of Freiburg, Freiburg, Germany	Institute of Virology, Clinical Virus Genomics, Medical Center, University of Freiburg, Freiburg, Germany	Jonas Fuchs, Lisa Kern, Sandra Reuter, Hajo Grundmann, Marcus Panning
EPI_ISL_918359, EPI_ISL_918360, EPI_ISL_918361, EPI_ISL_918362, EPI_ISL_918363, EPI_ISL_918364, EPI_ISL_918365		Virology Unit, Institut Pasteur du Cambodge	Virology Unit, Institut Pasteur du Cambodge	Sokhoun Yann, Ly Sovann, Kraing Sidonn, Yi Sengdoeurn, Chin Savuth, Chau Darapheak, Etienne Simon-Loriere, Veasna Duong, Erik A Karlsson
EPI_ISL_918408, EPI_ISL_918409		Ospedale Santa Caterina Novella	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Parisi A., Bianco A., Capozzi L., Del Sambro L., Simone D., Manzulli V, Rondinone V., Pace L., Cipolletta D., Galante D.
EPI_ISL_918485, EPI_ISL_918494, EPI_ISL_918498		Ohio Department of Health Laboratory	Ohio Department of Health Laboratory	Holmes, Jennifer; Eric Brandt, Keoni Omura, Glen McGillivray, Caitlin McDonnell, Jade Mowery, Stephanie Mccracken, Tyler Payne, Kirtana Ramadugu, Erica Leasure, Brent Lee, Kelsey Florek, Heather Blankenship, Quanta Brown, and Tammy Bannerman
EPI_ISL_918499, EPI_ISL_918504, EPI_ISL_918512		LACEN - Laboratório Central de Saúde Pública do Amazonas	Evandro Chagas Institute	Santos, M.C.; Silva, A.M.; Junior, W.D.C.; Barbagelata, L.S.; Ferreira, J.A.; Sousa, E.M.A.; da Silva, P.S.; Pinheiro, K.C.; L.C.; Sousa Junior, E.C.
EPI_ISL_918518, EPI_ISL_918519, EPI_ISL_918520, EPI_ISL_918521		Evandro Chagas Institute	Evandro Chagas Institute	Santos, M.C.; Silva, A.M.; Junior, W.D.C.; Barbagelata, L.S.; Ferreira, J.A.; Sousa, E.M.A.; da Silva, P.S.; Pinheiro, K.C.; L.C.; Sousa Junior, E.C.
EPI_ISL_918522, EPI_ISL_918524, EPI_ISL_918525, EPI_ISL_918526, EPI_ISL_918527, EPI_ISL_918528,		LACEN - Laboratório Central de Saúde Pública do Para	Evandro Chagas Institute	Santos, M.C.; Silva, A.M.; Junior, W.D.C.; Barbagelata, L.S.; Ferreira, J.A.; Sousa, E.M.A.; da Silva, P.S.; Pinheiro, K.C.; L.C.; Sousa Junior, E.C.

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EPI_ISL_918534	LACEN - Laboratório Central de Saúde Pública do Amazonas	Evandro Chagas Institute	Santos, M.C.; Silva, A.M.; Junior, W.D.C.; Barbagelata, L.S.; Ferreira, J.A.; Sousa, E.M.A.; da Silva, P.S.; Pinheiro, K.C.; L.C.; Sousa Junior, E.C.
EPI_ISL_918540	LACEN - Laboratório Central de Saúde Pública do Ceara	Evandro Chagas Institute	Santos, M.C.; Silva, A.M.; Junior, W.D.C.; Barbagelata, L.S.; Ferreira, J.A.; Sousa, E.M.A.; da Silva, P.S.; Pinheiro, K.C.; L.C.; Sousa Junior, E.C.
EPI_ISL_918551	LACEN - Laboratório Central de Saúde Pública do Amapa	Evandro Chagas Institute	Santos, M.C.; Silva, A.M.; Junior, W.D.C.; Barbagelata, L.S.; Ferreira, J.A.; Sousa, E.M.A.; da Silva, P.S.; Pinheiro, K.C.; L.C.; Sousa Junior, E.C.
EPI_ISL_918552	LACEN - Laboratório Central de Saúde Pública do Para	Evandro Chagas Institute	Santos, M.C.; Silva, A.M.; Junior, W.D.C.; Barbagelata, L.S.; Ferreira, J.A.; Sousa, E.M.A.; da Silva, P.S.; Pinheiro, K.C.; L.C.; Sousa Junior, E.C.
EPI_ISL_918553, EPI_ISL_918554, EPI_ISL_918555, EPI_ISL_918556	LACEN - Laboratório Central de Saúde Pública do Amapa	Evandro Chagas Institute	Santos, M.C.; Silva, A.M.; Junior, W.D.C.; Barbagelata, L.S.; Ferreira, J.A.; Sousa, E.M.A.; da Silva, P.S.; Pinheiro, K.C.; L.C.; Sousa Junior, E.C.
EPI_ISL_918562	Ohio Department of Health Laboratory	Ohio Department of Health Laboratory	Holmes, Jennifer; Eric Brandt, Keoni Omura, Glen McGillivray, Caitlin McDonnell, Jade Mowery, Stephanie Mccracken, Tyler Payne, Kirtana Ramadugu, Erica Leasure, Brent Lee, Kelsey Florek, Heather Blankenship, Quanta Brown, and Tammy Bannerman
EPI_ISL_918600, EPI_ISL_918608, EPI_ISL_918612, EPI_ISL_918614, EPI_ISL_918644, EPI_ISL_918748, EPI_ISL_918750, EPI_ISL_918753, EPI_ISL_918755, EPI_ISL_918759, EPI_ISL_918761, EPI_ISL_918762, EPI_ISL_918829, EPI_ISL_918834, EPI_ISL_918840, EPI_ISL_918841, EPI_ISL_918846, EPI_ISL_918853, EPI_ISL_918854, EPI_ISL_918858, EPI_ISL_918940, EPI_ISL_918942, EPI_ISL_918945, EPI_ISL_918946, EPI_ISL_918949, EPI_ISL_918950, EPI_ISL_918954, EPI_ISL_918956, EPI_ISL_918957, EPI_ISL_918961	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
see above			
EPI_ISL_919237, EPI_ISL_919244, EPI_ISL_919251, EPI_ISL_919256, EPI_ISL_919257, EPI_ISL_919258, EPI_ISL_919266, EPI_ISL_919269	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_919310, EPI_ISL_919311, EPI_ISL_919312, EPI_ISL_919314, EPI_ISL_919316, EPI_ISL_919318, EPI_ISL_919320, EPI_ISL_919321, EPI_ISL_919322, EPI_ISL_919323, EPI_ISL_919325, EPI_ISL_919328, EPI_ISL_919330, EPI_ISL_919334, EPI_ISL_919335, EPI_ISL_919343, EPI_ISL_919349, EPI_ISL_919352, EPI_ISL_919353, EPI_ISL_919354, EPI_ISL_919355, EPI_ISL_919356, EPI_ISL_919357, EPI_ISL_919358, EPI_ISL_919359, EPI_ISL_919360, EPI_ISL_919361, EPI_ISL_919363, EPI_ISL_919365, EPI_ISL_919366, EPI_ISL_919368, EPI_ISL_919369, EPI_ISL_919370, EPI_ISL_919371, EPI_ISL_919372, EPI_ISL_919373, EPI_ISL_919374, EPI_ISL_919375, EPI_ISL_919376, EPI_ISL_919377, EPI_ISL_919378, EPI_ISL_919379, EPI_ISL_919381, EPI_ISL_919382, EPI_ISL_919383, EPI_ISL_919384, EPI_ISL_919388, EPI_ISL_919390, EPI_ISL_919391, EPI_ISL_919392, EPI_ISL_919395, EPI_ISL_919397, EPI_ISL_919398, EPI_ISL_919399, EPI_ISL_919400, EPI_ISL_919403	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian / School of Biological Sciences, University of Edinburgh / Institute of Genetics and Molecular Medicine, University of Edinburgh	COVID-19 Genomics UK (COG-UK) Consortium	McHugh M, Dewar R, Rooke S, Gallagher M, Balcaza C, O'Toole Á, Scher E, Hill V, McCrone JT, Colquhoun R, Yu X, Jackson B, Rambaut A, Williams TC, Templeton K
see above			
EPI_ISL_920178, EPI_ISL_920189, EPI_ISL_920220, EPI_ISL_920223, EPI_ISL_920243, EPI_ISL_920256, EPI_ISL_920257, EPI_ISL_920267, EPI_ISL_920269, EPI_ISL_920277, EPI_ISL_920280, EPI_ISL_920281, EPI_ISL_920282, EPI_ISL_920290, EPI_ISL_920301, EPI_ISL_920303, EPI_ISL_920320, EPI_ISL_920331, EPI_ISL_920356, EPI_ISL_920373, EPI_ISL_920378, EPI_ISL_920459, EPI_ISL_920462, EPI_ISL_920470, EPI_ISL_920477, EPI_ISL_920485, EPI_ISL_920492, EPI_ISL_920494, EPI_ISL_920499, EPI_ISL_920500, EPI_ISL_920502, EPI_ISL_920504, EPI_ISL_920510, EPI_ISL_920512, EPI_ISL_920513, EPI_ISL_920515, EPI_ISL_920516, EPI_ISL_920518, EPI_ISL_920519, EPI_ISL_920521, EPI_ISL_920537, EPI_ISL_920538, EPI_ISL_920540, EPI_ISL_920549, EPI_ISL_920550, EPI_ISL_920559, EPI_ISL_920560, EPI_ISL_920567, EPI_ISL_920576, EPI_ISL_920585, EPI_ISL_920594, EPI_ISL_920595, EPI_ISL_920621, EPI_ISL_920631, EPI_ISL_920637, EPI_ISL_920647, EPI_ISL_920659	University College London Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Judith Heaney, Matthew Byott, Catherine Houlihan, Dan Frampton, Stuart Kirk, Moira Spyer and Eleni Nastouli
see above			







EPI_ISL_942967, EPI_ISL_942968	General Hospital - Kumanovo	"Georgi D. Efremov" , Macedonian Academy of Sciences and Arts Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov" , Macedonian Academy of Sciences and Arts	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska
EPI_ISL_942969	General Hospital - Veles	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov" , Macedonian Academy of Sciences and Arts	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska
EPI_ISL_943015, EPI_ISL_943022, EPI_ISL_943359, EPI_ISL_943430	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_943986	LACEN do Estado de Tocantins	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_943993	General Hospital - Strumica	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov" , Macedon	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski
EPI_ISL_943994	General Hospital - Strumica	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov" , Macedonian Academy of Sciences and Arts	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Mi
EPI_ISL_943995	General Hospital - Veles	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov" , Macedonian Academy of Sciences and Arts	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska
EPI_ISL_943996, EPI_ISL_943997	General Hospital - Tetovo	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov" , Macedonian Academy of Sciences and Arts	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska
EPI_ISL_943998	General Hospital - Strumica	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov" , Macedonian Academy of Sciences and Arts	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska
EPI_ISL_944094, EPI_ISL_944096, EPI_ISL_944099, EPI_ISL_944100, EPI_ISL_944102, EPI_ISL_944103, EPI_ISL_944104	Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia	Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health Malaysia	Suppiah J, Kamel K, Azizan MA, Thayan R
EPI_ISL_944105, EPI_ISL_944106	General Hospital - Strumica	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov" , Macedonian Academy of Sciences and Arts	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska
EPI_ISL_944107	General Hospital - Tetovo	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov" , Macedonian Academy of Sciences and Arts	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska
EPI_ISL_944108, EPI_ISL_944109	General Hospital - Struga	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov" , Macedonian Academy of Sciences and Arts	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska
EPI_ISL_944236, EPI_ISL_944237, EPI_ISL_944244, EPI_ISL_944256, EPI_ISL_944257, EPI_ISL_944258, EPI_ISL_944259, EPI_ISL_944260, EPI_ISL_944261, EPI_ISL_944262, EPI_ISL_944263, EPI_ISL_944265, EPI_ISL_944271, EPI_ISL_944273, EPI_ISL_944274, EPI_ISL_944275, EPI_ISL_944414, EPI_ISL_944438, EPI_ISL_944441, EPI_ISL_944442	Israel Central Virology laboratory	Israel National Consortium for SARS-CoV-2 sequencing	Neta Zuckerman, Efrat Dahan Bucris, Michal Mandelboim, Dana Bar-Ilan, Oran Erster, Tzvia Mann, Omer Murik, David A. Zeevi, Assaf Rokney, Joseph Jaffe, Eva Nachum, Maya Davidovich Cohen, Ephraim Fass, Gal Zizelski Valenci, Mor Rubinstein, Efrat Rorman, Israel Nissan, Efrat Glick-Saar, Omri Nayshool, Gideon Rechavi, Ella Mendelson, Orna Mor
see above	Israel Central Virology laboratory	Israel National Consortium for SARS-CoV-2 sequencing	Son Nguyen et al
EPI_ISL_944737	Public Health Virology-Forensic and Scientific Services (PHV-FSS)	Public Health Virology-Forensic and Scientific Services (PHV-FSS)	
EPI_ISL_944779	General Hospital - Tetovo	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov" , Macedonian Academy of Sciences and Arts	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska
EPI_ISL_944786	General Hospital - Prilep	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov" , Macedonian Academy of Sciences and Arts	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska
EPI_ISL_945073	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_945085, EPI_ISL_945089, EPI_ISL_945109	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_945111	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_945117	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_945119	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_945126, EPI_ISL_945136	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_945170	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_945171	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_945188	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_945201	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K.

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see above	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Clichub Consortium
EPI_ISL_955633, EPI_ISL_955635, EPI_ISL_955637, EPI_ISL_955640, EPI_ISL_955643, EPI_ISL_955644, EPI_ISL_955645, EPI_ISL_955646, EPI_ISL_955647, EPI_ISL_955654, EPI_ISL_955656, EPI_ISL_955661, EPI_ISL_955665, EPI_ISL_955666			
see above	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Clichub Consortium
EPI_ISL_955695, EPI_ISL_955701, EPI_ISL_955706, EPI_ISL_955707, EPI_ISL_955709, EPI_ISL_955710, EPI_ISL_955711, EPI_ISL_955717, EPI_ISL_955718, EPI_ISL_955719, EPI_ISL_955723, EPI_ISL_955725, EPI_ISL_955728, EPI_ISL_955731, EPI_ISL_955736, EPI_ISL_955738, EPI_ISL_955739, EPI_ISL_955740, EPI_ISL_955741, EPI_ISL_955744, EPI_ISL_955745, EPI_ISL_955751, EPI_ISL_955754, EPI_ISL_955756, EPI_ISL_955757, EPI_ISL_955758, EPI_ISL_955766			
see above	Humboldt County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Clichub Consortium
EPI_ISL_956279	Siti Khodijah Hospital	Institute of Tropical Disease, Universitas Airlangga	Jezzy R Dewantari, Rima R Prasetya, Krisnoadi Rahardjo, Aldise M Nastri, Muhammad Hamdan, Gatot Soegiarto, Laksmi Wulandari, Resti Yudhawati, Soetjpto, Yasuko Mori, Maria I Lusida, Kazutumi Shimizu
EPI_ISL_956323, EPI_ISL_956324, EPI_ISL_956325, EPI_ISL_956326	Laboratory Medicine	Department of Laboratory Medicine, Lin-Kou Chang Gung Memorial Hospital, Taoyuan, Taiwan	Kuo-Chien Tsao, Yu-Nong Gong, Shu-Li Yang, Yi-Chun Liu, Chung-Guei Huang, Mei-Jen Hsiao, Po-Wei Huang, Cheng-Ta Yang, Cheng-Hsun Chiu, Peng-Nien Huang, Kuo-Ming Lee, Guang-Wu Chen, Shin-Ru Shih
EPI_ISL_956345	Houston Health Department, Disease Prevention and Control	Houston Health Department, Disease Prevention and Control	Penn,R., Brown,P., Lara,A.
EPI_ISL_956382, EPI_ISL_956383	General Hospital - Prilep	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov", Macedonian Academy of Sciences and Arts	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska
EPI_ISL_956402	General Hospital - Ohrid	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov" , Macedonian Academy of Sciences and Arts	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska
EPI_ISL_956403	Institute for prevention, treatment and rehabilitation of cardiovascular diseases - Ohrid	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov", Macedonian Academy of Sciences and Arts	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska
EPI_ISL_959499, EPI_ISL_959531, EPI_ISL_959532, EPI_ISL_959533, EPI_ISL_959534, EPI_ISL_959535, EPI_ISL_959536, EPI_ISL_959537	Division of Emerging Infectious Diseases, Bureau of Infectious Diseases Diagnosis Control, Korea Disease Control and Prevention Agency	Division of Emerging Infectious Diseases, Bureau of Infectious Diseases Diagnosis Control, Korea Disease Control and Prevention Agency	Ae Kyung Park, Il-Hwan Kim, Heui Man Kim, Jeong-Min Kim, Namjoo Lee, Chae Young Lee, Sang Hee Woo, Eun-Jin Kim
EPI_ISL_960192, EPI_ISL_960216	Virginia Division of Consolidated Laboratory Services	Virginia Division of Consolidated Laboratory Services	Virginia DCLS
EPI_ISL_960224, EPI_ISL_960225	QElI Health Sciences Centre	National Microbiology Laboratory (NML)	Anna Majer, Shari Tyson, Grace Seo, Philip Mabon, Elsie Grudeski, Rhiannon Huzarewich, Russell Mandes, Anneliese Landgraff, Jennifer Tanner, Natalie Knox, Morag Graham, Gary Van Domselaar, Todd Hatchette, Jason LeBlanc, Janice Pettipas, Dan Gaston, Nathalie Bastien, Yan Li, Timothy Booth, Darian Hole, Madison Chapel, Kirsten Biggar, CanCOGeN's metadata curation team, Public Health Agency of Canada CanCOGeN team
EPI_ISL_960414, EPI_ISL_960417, EPI_ISL_960418, EPI_ISL_960424, EPI_ISL_960425, EPI_ISL_960434, EPI_ISL_960435	The National Institute of Public Health	State Veterinary Institute Prague	Nagy,A;Vecerova,J;Cernikova,L;Stara,M;Jirincova,H;Trnka,D
EPI_ISL_960683, EPI_ISL_960684	Germano de sousa	Instituto Gulbenkian de Ciencia	Cathy Paulino, João Costa, João Sobral, Maria Costa, Susana Ladeiro, Ricardo Leite
EPI_ISL_960686	Germano de sousa	Instituto Gulbenkian de Ciencia	Maria Costa, Susana Ladeiro, Cathy Paulino, João Costa, João Sobral, Ricardo Leite
EPI_ISL_960688	Germano de sousa	Instituto Gulbenkian de Ciencia	Cathy Paulino, João Costa, João Sobral, Maria Costa, Susana Ladeiro, Ricardo Leite
EPI_ISL_960689, EPI_ISL_960691	Germano de sousa	Instituto Gulbenkian de Ciencia	Maria Costa, Susana Ladeiro, Cathy Paulino, João Costa, João Sobral, Ricardo Leite
EPI_ISL_960692, EPI_ISL_960693	Germano de sousa	Instituto Gulbenkian de Ciencia	Susana Ladeiro, Cathy Paulino, João Costa, João Sobral, Maria Costa, Ricardo Leite
EPI_ISL_960700, EPI_ISL_960702	Germano de sousa	Instituto Gulbenkian de Ciencia	João Costa, João Sobral, Maria Costa, Susana Ladeiro, Cathy Paulino, Ricardo Leite
EPI_ISL_960705	Germano de sousa	Instituto Gulbenkian de Ciencia	Cathy Paulino, João Costa, João Sobral, Maria Costa, Susana Ladeiro, Ricardo Leite
EPI_ISL_960706	Germano de sousa	Instituto Gulbenkian de Ciencia	João Costa, João Sobral, Maria Costa, Susana Ladeiro, Cathy Paulino, Ricardo Leite
EPI_ISL_960707, EPI_ISL_960709	Germano de sousa	Instituto Gulbenkian de Ciencia	João Sobral, Maria Costa, Susana Ladeiro, Cathy Paulino, João Costa, Ricardo Leite
EPI_ISL_960710, EPI_ISL_960712	Germano de sousa	Instituto Gulbenkian de Ciencia	Cathy Paulino, João Costa, João Sobral, Maria Costa, Susana Ladeiro, Ricardo Leite
EPI_ISL_960713	Germano de sousa	Instituto Gulbenkian de Ciencia	João Costa, João Sobral, Maria Costa, Susana Ladeiro, Cathy Paulino, Ricardo Leite
EPI_ISL_960716, EPI_ISL_960717, EPI_ISL_960718, EPI_ISL_960719	Germano de sousa	Instituto Gulbenkian de Ciencia	Susana Ladeiro, Cathy Paulino, João Costa, João Sobral, Maria Costa, Ricardo Leite
EPI_ISL_960720	Germano de sousa	Instituto Gulbenkian de Ciencia	Cathy Paulino, João Costa, João Sobral, Maria Costa, Susana Ladeiro, Ricardo Leite
EPI_ISL_960721	Germano de sousa	Instituto Gulbenkian de Ciencia	João Sobral, Maria Costa, Susana Ladeiro, Cathy Paulino, João Costa, Ricardo Leite
EPI_ISL_960722	Germano de sousa	Instituto Gulbenkian de Ciencia	Maria Costa, Susana Ladeiro, Cathy Paulino, João Costa, João Sobral, Ricardo Leite
EPI_ISL_960724	Germano de sousa	Instituto Gulbenkian de Ciencia	João Costa, João Sobral, Maria Costa, Susana Ladeiro, Cathy Paulino, Ricardo Leite
EPI_ISL_960726, EPI_ISL_960727, EPI_ISL_960729	Germano de sousa	Instituto Gulbenkian de Ciencia	Cathy Paulino, João Costa, João Sobral, Maria Costa, Susana Ladeiro, Ricardo Leite
EPI_ISL_960730, EPI_ISL_960731, EPI_ISL_960732	Germano de sousa	Instituto Gulbenkian de Ciencia	João Costa, João Sobral, Maria Costa, Susana Ladeiro, Cathy Paulino, Ricardo Leite
EPI_ISL_960733	Germano de sousa	Instituto Gulbenkian de Ciencia	João Sobral, Maria Costa, Susana Ladeiro, Cathy Paulino, João Costa, Ricardo Leite
EPI_ISL_960738, EPI_ISL_960739, EPI_ISL_960741, EPI_ISL_960742, EPI_ISL_960743, EPI_ISL_960745, EPI_ISL_960746, EPI_ISL_960747	Germano de sousa	Instituto Gulbenkian de Ciencia	Maria Costa, Susana Ladeiro, Cathy Paulino, João Costa, João Sobral, Ricardo Leite
EPI_ISL_960748, EPI_ISL_960749	Germano de sousa	Instituto Gulbenkian de Ciencia	Susana Ladeiro, Cathy Paulino, João Costa, João Sobral, Maria Costa, Ricardo Leite
EPI_ISL_960751	Germano de sousa	Instituto Gulbenkian de Ciencia	Cathy Paulino, João Costa, João Sobral, Maria Costa, Susana Ladeiro, Ricardo Leite
EPI_ISL_960753, EPI_ISL_960754	Germano de sousa	Instituto Gulbenkian de Ciencia	João Costa, João Sobral, Maria Costa, Susana Ladeiro, Cathy Paulino, Ricardo Leite
EPI_ISL_960756, EPI_ISL_960757	Germano de sousa	Instituto Gulbenkian de Ciencia	João Sobral, Maria Costa, Susana Ladeiro, Cathy Paulino, João Costa, Ricardo Leite
EPI_ISL_960758, EPI_ISL_960759, EPI_ISL_960760, EPI_ISL_960761, EPI_ISL_960762	Germano de sousa	Instituto Gulbenkian de Ciencia	Susana Ladeiro, Cathy Paulino, João Costa, João Sobral, Maria Costa, Ricardo Leite

EPI_ISL_960766, EPI_ISL_960767, EPI_ISL_960768	Germano de sousa	Instituto Gulbenkian de Ciencia	João Sobral, Maria Costa, Susana Ladeiro, Cathy Paulino, João Costa, Ricardo Leite
EPI_ISL_960769	Germano de sousa	Instituto Gulbenkian de Ciencia	Cathy Paulino, João Costa, João Sobral, Maria Costa, Susana Ladeiro, Ricardo Leite
EPI_ISL_960772	Germano de sousa	Instituto Gulbenkian de Ciencia	João Sobral, Maria Costa, Susana Ladeiro, Cathy Paulino, João Costa, Ricardo Leite
EPI_ISL_960773	Germano de sousa	Instituto Gulbenkian de Ciencia	Maria Costa, Susana Ladeiro, Cathy Paulino, João Costa, João Sobral, Ricardo Leite
EPI_ISL_960774	Germano de sousa	Instituto Gulbenkian de Ciencia	João Costa, João Sobral, Maria Costa, Susana Ladeiro, Cathy Paulino, Ricardo Leite
EPI_ISL_960775	Germano de sousa	Instituto Gulbenkian de Ciencia	Cathy Paulino, João Costa, João Sobral, Maria Costa, Susana Ladeiro, Ricardo Leite
EPI_ISL_960777, EPI_ISL_960779	Germano de sousa	Instituto Gulbenkian de Ciencia	João Sobral, Maria Costa, Susana Ladeiro, Cathy Paulino, João Costa, Ricardo Leite
EPI_ISL_960780	Germano de sousa	Instituto Gulbenkian de Ciencia	Cathy Paulino, João Costa, João Sobral, Maria Costa, Susana Ladeiro, Ricardo Leite
EPI_ISL_960781, EPI_ISL_960782	Germano de sousa	Instituto Gulbenkian de Ciencia	João Costa, João Sobral, Maria Costa, Susana Ladeiro, Cathy Paulino, Ricardo Leite
EPI_ISL_960784	Germano de sousa	Instituto Gulbenkian de Ciencia	João Sobral, Maria Costa, Susana Ladeiro, Cathy Paulino, João Costa, Ricardo Leite
EPI_ISL_960786, EPI_ISL_960787	Germano de sousa	Instituto Gulbenkian de Ciencia	Susana Ladeiro, Cathy Paulino, João Costa, João Sobral, Maria Costa, Ricardo Leite
EPI_ISL_960790, EPI_ISL_960791	Germano de sousa	Instituto Gulbenkian de Ciencia	Cathy Paulino, João Costa, João Sobral, Maria Costa, Susana Ladeiro, Ricardo Leite
EPI_ISL_960793, EPI_ISL_960794, EPI_ISL_960795	Germano de sousa	Instituto Gulbenkian de Ciencia	João Costa, João Sobral, Maria Costa, Susana Ladeiro, Cathy Paulino, Ricardo Leite
EPI_ISL_960798	Germano de sousa	Instituto Gulbenkian de Ciencia	Maria Costa, Susana Ladeiro, Cathy Paulino, João Costa, João Sobral, Ricardo Leite
EPI_ISL_960800	Germano de sousa	Instituto Gulbenkian de Ciencia	João Sobral, Maria Costa, Susana Ladeiro, Cathy Paulino, João Costa, Ricardo Leite
EPI_ISL_960801, EPI_ISL_960803	Germano de sousa	Instituto Gulbenkian de Ciencia	João Costa, João Sobral, Maria Costa, Susana Ladeiro, Cathy Paulino, Ricardo Leite
EPI_ISL_960805, EPI_ISL_960806	Germano de sousa	Instituto Gulbenkian de Ciencia	Susana Ladeiro, Cathy Paulino, João Costa, João Sobral, Maria Costa, Ricardo Leite
EPI_ISL_960809, EPI_ISL_960810	Germano de sousa	Instituto Gulbenkian de Ciencia	Maria Costa, Susana Ladeiro, Cathy Paulino, João Costa, João Sobral, Ricardo Leite
EPI_ISL_960811	Germano de sousa	Instituto Gulbenkian de Ciencia	Cathy Paulino, João Costa, João Sobral, Maria Costa, Susana Ladeiro, Ricardo Leite
EPI_ISL_960813, EPI_ISL_960814, EPI_ISL_960816	Germano de sousa	Instituto Gulbenkian de Ciencia	João Sobral, Maria Costa, Susana Ladeiro, Cathy Paulino, João Costa, Ricardo Leite
EPI_ISL_960817, EPI_ISL_960818	Germano de sousa	Instituto Gulbenkian de Ciencia	Maria Costa, Susana Ladeiro, Cathy Paulino, João Costa, João Sobral, Ricardo Leite
EPI_ISL_960819, EPI_ISL_960820, EPI_ISL_960822, EPI_ISL_960823	Germano de sousa	Instituto Gulbenkian de Ciencia	Susana Ladeiro, Cathy Paulino, João Costa, João Sobral, Maria Costa, Ricardo Leite
EPI_ISL_960825	Germano de sousa	Instituto Gulbenkian de Ciencia	João Sobral, Maria Costa, Susana Ladeiro, Cathy Paulino, João Costa, Ricardo Leite
EPI_ISL_960826	Germano de sousa	Instituto Gulbenkian de Ciencia	Maria Costa, Susana Ladeiro, Cathy Paulino, João Costa, João Sobral, Ricardo Leite
EPI_ISL_960827, EPI_ISL_960829	Germano de sousa	Instituto Gulbenkian de Ciencia	João Costa, João Sobral, Maria Costa, Susana Ladeiro, Cathy Paulino, Ricardo Leite
EPI_ISL_961270	Hospital General Universitario de Alicante - Instituto de Investigación Sanitaria y Biomédica de Alicante	SeqCOVID-SPAIN consortium/IBV(CSIC)	Maripaz Ventero Martín, Carmen Molina Pardines and SeqCOVID-SPAIN consortium
EPI_ISL_961365, EPI_ISL_961366, EPI_ISL_961367, EPI_ISL_961380	Toronto Invasive Bacterial Diseases Network	McMaster University	Allison McGeer, Patryk Aftanas, Hooman Derakhshani, Angel Li, Kuganya Nirmalarajah, Emily Panousis, Ahmed Draia, Jalees Nasir, Michael Surette, Samira Mubareka, Andrew G. McArthur
EPI_ISL_961607, EPI_ISL_961608, EPI_ISL_961661, EPI_ISL_961663, EPI_ISL_961664, EPI_ISL_961665, EPI_ISL_961666	Hôpital Georges L. Dumont	National Microbiology Laboratory (NML)	Anna Majer, Shari Tyson, Grace Seo, Philip Mabon, Elsie Grudeski, Rhiannon Huzarewich, Russell Mandes, Anneliese Landgraff, Jennifer Tanner, Natalie Knox, Morag Graham, Gary Van Domselaar, Richard Garceau, Guillaume Desnoyers, Nathalie Bastien, Yan Li, Timothy Booth, Darian Hole, Madison Chapel, Kirsten Biggar, CanCOGeN's metadata curation team, Public Health Agency of Canada CanCOGeN team
EPI_ISL_962013, EPI_ISL_962015, EPI_ISL_962067, EPI_ISL_962068, EPI_ISL_962070, EPI_ISL_962071, EPI_ISL_962072, EPI_ISL_962073, EPI_ISL_962077, EPI_ISL_962078, EPI_ISL_962085, EPI_ISL_962086, EPI_ISL_962087, EPI_ISL_962092, EPI_ISL_962093, EPI_ISL_962094, EPI_ISL_962095, EPI_ISL_962097, EPI_ISL_962100, EPI_ISL_962109, EPI_ISL_962110, EPI_ISL_962111, EPI_ISL_962114, EPI_ISL_962115, EPI_ISL_962119, EPI_ISL_962124, EPI_ISL_962128, EPI_ISL_962158			
see above	Illinois Department of Public Health	Gagnon Lab, Southern Illinois University	Keith Gagnon
EPI_ISL_962506, EPI_ISL_962508	UCLA Clinical Micro Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_962612, EPI_ISL_962613, EPI_ISL_962766, EPI_ISL_962767, EPI_ISL_962768, EPI_ISL_962769, EPI_ISL_962770, EPI_ISL_962776, EPI_ISL_962777, EPI_ISL_962779, EPI_ISL_962783, EPI_ISL_962784, EPI_ISL_962786, EPI_ISL_962787, EPI_ISL_962788, EPI_ISL_962790, EPI_ISL_962791, EPI_ISL_962792, EPI_ISL_962793, EPI_ISL_962795, EPI_ISL_962797, EPI_ISL_962799, EPI_ISL_962800, EPI_ISL_962801, EPI_ISL_962802, EPI_ISL_962803, EPI_ISL_962805, EPI_ISL_962806, EPI_ISL_962809, EPI_ISL_962810			
see above	San Diego County Public Health Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Tracy Basler, Jovan Shephard, Brett Austin
EPI_ISL_965056, EPI_ISL_965058, EPI_ISL_965062, EPI_ISL_965063, EPI_ISL_965065	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Bailey Bowcutt, and Wanda Manley
EPI_ISL_978994, EPI_ISL_978999, EPI_ISL_979000, EPI_ISL_979001, EPI_ISL_979003, EPI_ISL_979011, EPI_ISL_979020, EPI_ISL_979021, EPI_ISL_979022, EPI_ISL_979026, EPI_ISL_979027, EPI_ISL_979032, EPI_ISL_979034, EPI_ISL_979038, EPI_ISL_979042, EPI_ISL_979044, EPI_ISL_979048, EPI_ISL_979049, EPI_ISL_979051			
see above	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_979170, EPI_ISL_979171, EPI_ISL_979176, EPI_ISL_979183, EPI_ISL_979193, EPI_ISL_979194, EPI_ISL_979197, EPI_ISL_979211, EPI_ISL_979215, EPI_ISL_979217, EPI_ISL_979218, EPI_ISL_979223, EPI_ISL_979228, EPI_ISL_979229, EPI_ISL_979235			
see above	Humboldt County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_979294, EPI_ISL_979295, EPI_ISL_979296, EPI_ISL_979298, EPI_ISL_979299, EPI_ISL_979300, EPI_ISL_979301, EPI_ISL_979302, EPI_ISL_979303, EPI_ISL_979304, EPI_ISL_979305, EPI_ISL_979307, EPI_ISL_979308, EPI_ISL_979309			
see above	Cadham Provincial laboratory	National Microbiology Laboratory (NML)	Anna Majer, Shari Tyson, Grace Seo, Philip Mabon, Elsie Grudeski, Rhiannon Huzarewich, Russell Mandes, Anneliese Landgraff, Jennifer Tanner, Natalie Knox, Morag Graham, Gary Van Domselaar, Paul Van Caesele, Jared Bullard, David Alexander, Kerry Dust, Nathalie Bastien, Yan Li, Timothy Booth, Darian Hole, Madison Chapel, Kirsten Biggar, CanCOGeN's metadata curation team, Public Health Agency of Canada CanCOGeN team
EPI_ISL_979546, EPI_ISL_979547, EPI_ISL_979548, EPI_ISL_979565, EPI_ISL_979566, EPI_ISL_979577, EPI_ISL_979578, EPI_ISL_979583, EPI_ISL_979585, EPI_ISL_979586, EPI_ISL_979587, EPI_ISL_979588, EPI_ISL_979589, EPI_ISL_979592, EPI_ISL_979595, EPI_ISL_979600, EPI_ISL_979604, EPI_ISL_979609, EPI_ISL_979619, EPI_ISL_979621, EPI_ISL_979622, EPI_ISL_979628, EPI_ISL_979629, EPI_ISL_979633			
see above	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_979644, EPI_ISL_979646, EPI_ISL_979656, EPI_ISL_979658, EPI_ISL_979659, EPI_ISL_979662, EPI_ISL_979669, EPI_ISL_979673, EPI_ISL_979691	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_979712, EPI_ISL_979713, EPI_ISL_979720, EPI_ISL_979721, EPI_ISL_979722, EPI_ISL_979724, EPI_ISL_979725, EPI_ISL_979726, EPI_ISL_979732, EPI_ISL_979735, EPI_ISL_979736, EPI_ISL_979739, EPI_ISL_979740, EPI_ISL_979742, EPI_ISL_979743, EPI_ISL_979745, EPI_ISL_979746, EPI_ISL_979749, EPI_ISL_979750, EPI_ISL_979751, EPI_ISL_979752, EPI_ISL_979754, EPI_ISL_979760, EPI_ISL_979762, EPI_ISL_979767, EPI_ISL_979768, EPI_ISL_979769, EPI_ISL_979772, EPI_ISL_979773, EPI_ISL_979774, EPI_ISL_979775, EPI_ISL_979777, EPI_ISL_979779, EPI_ISL_979787, EPI_ISL_979789, EPI_ISL_979791,			

EPI_ISL_979792			
see above	Humboldt County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_980974	Innovative Genomics Institute, UC Berkeley	Innovative Genomics Institute, UC Berkeley	Stacia Wyman, Haridha Shivram, Phil Frankino, Liana Lareau
EPI_ISL_981006	AZ Klna	AZ Klna	Dr. C. Vael
EPI_ISL_981061, EPI_ISL_981062	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_981850, EPI_ISL_981851, EPI_ISL_981852, EPI_ISL_981853, EPI_ISL_981854, EPI_ISL_981855, EPI_ISL_981858, EPI_ISL_981859, EPI_ISL_981860, EPI_ISL_981861, EPI_ISL_981862, EPI_ISL_981863, EPI_ISL_981864, EPI_ISL_981865, EPI_ISL_981866, EPI_ISL_981867, EPI_ISL_981869, EPI_ISL_981870, EPI_ISL_981873, EPI_ISL_981874, EPI_ISL_981875, EPI_ISL_981876, EPI_ISL_981879, EPI_ISL_981880, EPI_ISL_981881, EPI_ISL_981882, EPI_ISL_981884, EPI_ISL_981885, EPI_ISL_981886, EPI_ISL_981889, EPI_ISL_981891, EPI_ISL_981892, EPI_ISL_981893, EPI_ISL_981894, EPI_ISL_981895, EPI_ISL_981896, EPI_ISL_981897, EPI_ISL_981898, EPI_ISL_981899, EPI_ISL_981901, EPI_ISL_981902, EPI_ISL_981905, EPI_ISL_981906, EPI_ISL_981907, EPI_ISL_981908, EPI_ISL_981909, EPI_ISL_981910, EPI_ISL_981913, EPI_ISL_981914, EPI_ISL_981915, EPI_ISL_981918, EPI_ISL_981921, EPI_ISL_981922, EPI_ISL_981924, EPI_ISL_981926, EPI_ISL_981927, EPI_ISL_981928, EPI_ISL_981929, EPI_ISL_981930, EPI_ISL_981931, EPI_ISL_981932, EPI_ISL_981935, EPI_ISL_981936, EPI_ISL_981937, EPI_ISL_981938, EPI_ISL_981942, EPI_ISL_981943, EPI_ISL_981944, EPI_ISL_981954, EPI_ISL_981955			
see above	Microbiology Service, Hospital Universitario Clínico San Cecilio, Granada	Microbiology Service, Hospital Universitario Clínico San Cecilio, Granada	Adolfo de Salazar, Natalia Chueca, Laura Viñuela, Ana Fuentes, Federico García
EPI_ISL_982173, EPI_ISL_982185, EPI_ISL_982186, EPI_ISL_982187, EPI_ISL_982188, EPI_ISL_982189, EPI_ISL_982190, EPI_ISL_982192, EPI_ISL_982195, EPI_ISL_982198, EPI_ISL_982199			
see above	Hôpital Henri Mondor	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky
EPI_ISL_982231	MEPHI, Aix Marseille University	MEPHI, Aix Marseille University	Anthony LEVASSEUR
EPI_ISL_982239	Lab voor klinische biologie	Lab voor klinische biologie	Hannelore Hamerlinck, Marija Janevska, Bruno Verhasselt
EPI_ISL_982321, EPI_ISL_982324, EPI_ISL_982325, EPI_ISL_982326, EPI_ISL_982327, EPI_ISL_982329, EPI_ISL_982330, EPI_ISL_982331, EPI_ISL_982332, EPI_ISL_982333, EPI_ISL_982334, EPI_ISL_982337, EPI_ISL_982339, EPI_ISL_982340, EPI_ISL_982341, EPI_ISL_982342, EPI_ISL_982343			
see above	Hôpital Henri Mondor	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky
EPI_ISL_982442	MONTEFIORE MEDICAL CENTER LABORATORIES	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_982777, EPI_ISL_982843	Kentucky State Public Health Lab	Kentucky State Public Health Lab	Stephanie Lunn, Karim George, Joshua Tobias, William Grooms, Vaneet Arora, Matthew Johnson, Rachel Zinner, Rhonda Lucas
EPI_ISL_983323	INMI Lazzaro Spallanzani IRCCS	INMI Lazzaro Spallanzani IRCCS	CEM Gruber, B Bartolini, E Giombini, M Rueca, O Butera, F Messina, A Di Caro, MR Capobianchi
EPI_ISL_983408	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin L. Young, Kelly F. Oakeson, Tara Gallagher
EPI_ISL_983836, EPI_ISL_983839, EPI_ISL_983840, EPI_ISL_983841, EPI_ISL_983842, EPI_ISL_983844, EPI_ISL_983845, EPI_ISL_983846, EPI_ISL_983847, EPI_ISL_983848, EPI_ISL_983849, EPI_ISL_983852, EPI_ISL_983853, EPI_ISL_983856, EPI_ISL_983857, EPI_ISL_983858, EPI_ISL_983859, EPI_ISL_983862			
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_983874, EPI_ISL_983875, EPI_ISL_983876, EPI_ISL_983877, EPI_ISL_983890, EPI_ISL_983893, EPI_ISL_983894, EPI_ISL_983898, EPI_ISL_983900, EPI_ISL_983903, EPI_ISL_983917, EPI_ISL_983918, EPI_ISL_983919, EPI_ISL_983920, EPI_ISL_983921, EPI_ISL_983923, EPI_ISL_983924, EPI_ISL_983925, EPI_ISL_983926, EPI_ISL_983927, EPI_ISL_983928, EPI_ISL_983929, EPI_ISL_983930, EPI_ISL_983931, EPI_ISL_983932, EPI_ISL_983933, EPI_ISL_983934, EPI_ISL_983936, EPI_ISL_983937, EPI_ISL_983938, EPI_ISL_983939, EPI_ISL_983940, EPI_ISL_983941, EPI_ISL_983942, EPI_ISL_983943, EPI_ISL_983944, EPI_ISL_983945, EPI_ISL_983946, EPI_ISL_983947, EPI_ISL_983948, EPI_ISL_983950, EPI_ISL_983951, EPI_ISL_983953, EPI_ISL_983954, EPI_ISL_983958, EPI_ISL_983961, EPI_ISL_983962, EPI_ISL_983963, EPI_ISL_983964, EPI_ISL_983965, EPI_ISL_983966, EPI_ISL_983967, EPI_ISL_983968, EPI_ISL_983970, EPI_ISL_983971, EPI_ISL_983972, EPI_ISL_983973, EPI_ISL_983974, EPI_ISL_983975, EPI_ISL_983976, EPI_ISL_983977, EPI_ISL_984073, EPI_ISL_984088, EPI_ISL_984089, EPI_ISL_984090, EPI_ISL_984091, EPI_ISL_984121, EPI_ISL_984122, EPI_ISL_984123, EPI_ISL_984124, EPI_ISL_984125			
see above	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Kelsey R. Florek, Abigail C. Shockey
EPI_ISL_984439, EPI_ISL_984442, EPI_ISL_984587, EPI_ISL_984588, EPI_ISL_984590, EPI_ISL_984591, EPI_ISL_984592, EPI_ISL_984593, EPI_ISL_984595, EPI_ISL_984596, EPI_ISL_984598, EPI_ISL_984599, EPI_ISL_984600, EPI_ISL_984601, EPI_ISL_984603, EPI_ISL_984604, EPI_ISL_984605, EPI_ISL_984607, EPI_ISL_984608, EPI_ISL_984611, EPI_ISL_984612			
see above	California Department of Public Health	Chiu Laboratory, University of California, San Francisco	Charles Chiu, Xianding (Wayne) Deng, Candace Wang, Venice Servellita, Jill Hacker, Debra Wadford
EPI_ISL_984629, EPI_ISL_984630, EPI_ISL_984631, EPI_ISL_984632, EPI_ISL_984635, EPI_ISL_984639, EPI_ISL_984642, EPI_ISL_984646, EPI_ISL_984649, EPI_ISL_984650, EPI_ISL_984652, EPI_ISL_984653, EPI_ISL_984654, EPI_ISL_984655, EPI_ISL_984656, EPI_ISL_984657, EPI_ISL_984658			
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EPI_ISL_984757, EPI_ISL_984762, EPI_ISL_984770, EPI_ISL_984771, EPI_ISL_984772, EPI_ISL_984773, EPI_ISL_984774, EPI_ISL_984775, EPI_ISL_984776, EPI_ISL_984777, EPI_ISL_984778, EPI_ISL_984779, EPI_ISL_984780, EPI_ISL_984781, EPI_ISL_984782, EPI_ISL_984783, EPI_ISL_984784, EPI_ISL_984785, EPI_ISL_984786, EPI_ISL_984787, EPI_ISL_984788, EPI_ISL_984789, EPI_ISL_984790, EPI_ISL_984791, EPI_ISL_984792, EPI_ISL_984793, EPI_ISL_984794, EPI_ISL_984795, EPI_ISL_984796, EPI_ISL_984797, EPI_ISL_984798, EPI_ISL_984799, EPI_ISL_984801, EPI_ISL_984802, EPI_ISL_984803, EPI_ISL_984805, EPI_ISL_984806, EPI_ISL_984811, EPI_ISL_984812, EPI_ISL_984813, EPI_ISL_984815, EPI_ISL_984816, EPI_ISL_984817, EPI_ISL_984818, EPI_ISL_984819, EPI_ISL_984820, EPI_ISL_984821, EPI_ISL_984822, EPI_ISL_984823, EPI_ISL_984824, EPI_ISL_984826, EPI_ISL_984827, EPI_ISL_984828, EPI_ISL_984829, EPI_ISL_984830, EPI_ISL_984831, EPI_ISL_984832, EPI_ISL_984834, EPI_ISL_984835, EPI_ISL_984836, EPI_ISL_984838, EPI_ISL_984839, EPI_ISL_984840, EPI_ISL_984841, EPI_ISL_984842, EPI_ISL_984843, EPI_ISL_984845, EPI_ISL_984846, EPI_ISL_984847, EPI_ISL_984848, EPI_ISL_984849, EPI_ISL_984850, EPI_ISL_984851, EPI_ISL_984852, EPI_ISL_984853, EPI_ISL_984854, EPI_ISL_984855, EPI_ISL_984856, EPI_ISL_984857, EPI_ISL_984858, EPI_ISL_984859, EPI_ISL_984860, EPI_ISL_984861, EPI_ISL_984862, EPI_ISL_984863, EPI_ISL_984864, EPI_ISL_984865, EPI_ISL_984866, EPI_ISL_984867, EPI_ISL_984868			
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EPI_ISL_994669, EPI_ISL_994670, EPI_ISL_994671, EPI_ISL_994672, EPI_ISL_994673, EPI_ISL_994675, EPI_ISL_994681, EPI_ISL_994683, EPI_ISL_994684, EPI_ISL_994685, EPI_ISL_994686, EPI_ISL_994687, EPI_ISL_994688, EPI_ISL_994689, EPI_ISL_994690, EPI_ISL_994691, EPI_ISL_994692, EPI_ISL_994693, EPI_ISL_994694, EPI_ISL_994703, EPI_ISL_994705, EPI_ISL_994706, EPI_ISL_994707, EPI_ISL_994708, EPI_ISL_994709, EPI_ISL_994710, EPI_ISL_994712, EPI_ISL_994713, EPI_ISL_994714, EPI_ISL_994715, EPI_ISL_994716, EPI_ISL_994717, EPI_ISL_994718, EPI_ISL_994719, EPI_ISL_994720, EPI_ISL_994721,			

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EPI_ISL_997290, EPI_ISL_997291, EPI_ISL_997292, EPI_ISL_997293, EPI_ISL_997296, EPI_ISL_997297, EPI_ISL_997300, EPI_ISL_997301, EPI_ISL_997304, EPI_ISL_997318, EPI_ISL_997346, EPI_ISL_997349, EPI_ISL_997352, EPI_ISL_997354, EPI_ISL_997357, EPI_ISL_997360, EPI_ISL_997363			
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All Submitters of data may be contacted directly via [www.gisaid.org](http://www.gisaid.org)

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EPI_ISL_1000017, EPI_ISL_1000025, EPI_ISL_1000028, EPI_ISL_1000051, EPI_ISL_1000057, EPI_ISL_1000066, EPI_ISL_1000068, EPI_ISL_1000082, EPI_ISL_1000085, EPI_ISL_1000094, EPI_ISL_1000095, EPI_ISL_1000098, EPI_ISL_1000105, EPI_ISL_1000109, EPI_ISL_1000113, EPI_ISL_1000115, EPI_ISL_1000122, EPI_ISL_1000125, EPI_ISL_1000131, EPI_ISL_1000134, EPI_ISL_1000135, EPI_ISL_1000137, EPI_ISL_1000142, EPI_ISL_1000143, EPI_ISL_1000144, EPI_ISL_1000146, EPI_ISL_1000152, EPI_ISL_1000153, EPI_ISL_1000154, EPI_ISL_1000156, EPI_ISL_1000158, EPI_ISL_1000159, EPI_ISL_1000160, EPI_ISL_1000163, EPI_ISL_1000164, EPI_ISL_1000165, EPI_ISL_1000166, EPI_ISL_1000171, EPI_ISL_1000182, EPI_ISL_1000183, EPI_ISL_1000184, EPI_ISL_1000186			
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EPI_ISL_1008665, EPI_ISL_1008667	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Parisi A., Bianco A., Capozzi L., Del Sambio L., Simone D., Chironna M., Loconsole D., Sallustio A., Ridolfi D.	
EPI_ISL_1008669, EPI_ISL_1008671, EPI_ISL_1008672, EPI_ISL_1008673, EPI_ISL_1008675, EPI_ISL_1008677	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Parisi A., Bianco A., Capozzi L., Del Sambio L., Simone D., Chironna M., Loconsole D., Sallustio A., Giannico A.	
EPI_ISL_1008679, EPI_ISL_1008681, EPI_ISL_1008682, EPI_ISL_1008684, EPI_ISL_1008685, EPI_ISL_1008686, EPI_ISL_1008687	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Parisi A., Bianco A., Capozzi L., Del Sambio L., Simone D., Chironna M., Loconsole D., Sallustio A., Ridolfi D.	
EPI_ISL_1008688, EPI_ISL_1008690, EPI_ISL_1008691, EPI_ISL_1008694, EPI_ISL_1008695, EPI_ISL_1008696, EPI_ISL_1008697, EPI_ISL_1008698	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Parisi A., Bianco A., Capozzi L., Del Sambio L., Simone D., Chironna M., Loconsole D., Sallustio A., Giannico A.	
EPI_ISL_1008706	Ospedale Santissima Annunziata	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Parisi A., Bianco A., Capozzi L., Del Sambio L., Simone D., Chironna M., Loconsole D., Sallustio A., Ridolfi D.	
EPI_ISL_1008921, EPI_ISL_1008922	LA Office of Public Health Laboratories	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Krista Queen, Anna Uehara, Peter Cook, Clinton R. Paden, Haibin Wang, Suxiang Tong	
EPI_ISL_1008928, EPI_ISL_1008929	MS Public Health Laboratory	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Krista Queen, Anna Uehara, Peter Cook, Clinton R. Paden, Haibin Wang, Suxiang Tong	
EPI_ISL_1009666, EPI_ISL_1009670	Auburn Sports Medicine	Synergy Laboratories	Megan Cornwell	
EPI_ISL_1010706	Area of Virology, Serology and Virology Division (SAVID), New South Wales Health Pathology Randwick	Microbiology RPAH	Foster, C.; Au, J.; Ruiz Silva, M.; Deveson, I.; Bull, R.; Van Hal, S.; Rawlinson, W.	
EPI_ISL_1010708, EPI_ISL_1010709, EPI_ISL_1010713	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_1011697	Broad Institute Clinical Research Sequencing Platform	Infectious Disease Program, Broad Institute of Harvard and MIT	Lemieux,J.E., Siddle,K.J., Adams,G., Gladden-Young,A., Lagerborg,K., Rudy,M., DeRuff,K., Carter,A., Normandin,E., Bauer,M., Reilly,S., Tomkins-Tinch,C., Loreth,C., Chaluvasi,S., Birren,B.W., Gallagher,G., Smole,S., Park,D.J., MacInnis,B.L., and Sabeti,P.C.	
EPI_ISL_1011758, EPI_ISL_1011761, EPI_ISL_1011762, EPI_ISL_1011763, EPI_ISL_1011764, EPI_ISL_1011765, EPI_ISL_1011767, EPI_ISL_1011768, EPI_ISL_1011770, EPI_ISL_1011771, EPI_ISL_1011772, EPI_ISL_1011773, EPI_ISL_1011774, EPI_ISL_1011776, EPI_ISL_1011777, EPI_ISL_1011778, EPI_ISL_1011781, EPI_ISL_1011785, EPI_ISL_1011788, EPI_ISL_1011790, EPI_ISL_1011791, EPI_ISL_1011793, EPI_ISL_1011795, EPI_ISL_1011796, EPI_ISL_1011797, EPI_ISL_1011798, EPI_ISL_1011801, EPI_ISL_1011805, EPI_ISL_1011806, EPI_ISL_1011807, EPI_ISL_1011810, EPI_ISL_1011811, EPI_ISL_1011813, EPI_ISL_1011815, EPI_ISL_1011817, EPI_ISL_1011820, EPI_ISL_1011822, EPI_ISL_1011824, EPI_ISL_1011826, EPI_ISL_1011828, EPI_ISL_1011829, EPI_ISL_1011830, EPI_ISL_1011831, EPI_ISL_1011832, EPI_ISL_1011833, EPI_ISL_1011834, EPI_ISL_1011837, EPI_ISL_1011839, EPI_ISL_1011840, EPI_ISL_1011841, EPI_ISL_1011842, EPI_ISL_1011843, EPI_ISL_1011844, EPI_ISL_1011846, EPI_ISL_1011847, EPI_ISL_1011848, EPI_ISL_1011849, EPI_ISL_1011850, EPI_ISL_1011851, EPI_ISL_1011852, EPI_ISL_1011853, EPI_ISL_1011854, EPI_ISL_1011855, EPI_ISL_1011857, EPI_ISL_1011858, EPI_ISL_1011859, EPI_ISL_1011860, EPI_ISL_1011861, EPI_ISL_1011862, EPI_ISL_1011865, EPI_ISL_1011867, EPI_ISL_1011869, EPI_ISL_1011870, EPI_ISL_1011873, EPI_ISL_1011874, EPI_ISL_1011876, EPI_ISL_1011877, EPI_ISL_1011878, EPI_ISL_1011881, EPI_ISL_1011882, EPI_ISL_1011883, EPI_ISL_1011885, EPI_ISL_1011887, EPI_ISL_1011889, EPI_ISL_1011890, EPI_ISL_1011891, EPI_ISL_1011892, EPI_ISL_1011893, EPI_ISL_1011894, EPI_ISL_1011897, EPI_ISL_1011898, EPI_ISL_1011900, EPI_ISL_1011901, EPI_ISL_1011902, EPI_ISL_1011903, EPI_ISL_1011906, EPI_ISL_1011907, EPI_ISL_1011908, EPI_ISL_1011909, EPI_ISL_1011910, EPI_ISL_1011911, EPI_ISL_1011912, EPI_ISL_1011913, EPI_ISL_1011914, EPI_ISL_1011915, EPI_ISL_1011916, EPI_ISL_1011917, EPI_ISL_1011919, EPI_ISL_1011921, EPI_ISL_1011922, EPI_ISL_1011923, EPI_ISL_1011926, EPI_ISL_1011927, EPI_ISL_1011929, EPI_ISL_1011931, EPI_ISL_1011932, EPI_ISL_1011933, EPI_ISL_1011934, EPI_ISL_1011935, EPI_ISL_1011936, EPI_ISL_1011937, EPI_ISL_1011938, EPI_ISL_1011939, EPI_ISL_1011942, EPI_ISL_1011943, EPI_ISL_1011944, EPI_ISL_1011945, EPI_ISL_1011946, EPI_ISL_1011947, EPI_ISL_1011948, EPI_ISL_1011951, EPI_ISL_1011954, EPI_ISL_1011955, EPI_ISL_1011956, EPI_ISL_1011957, EPI_ISL_1011958, EPI_ISL_1011959, EPI_ISL_1011961, EPI_ISL_1011964, EPI_ISL_1011967, EPI_ISL_1011968, EPI_ISL_1011970, EPI_ISL_1011971, EPI_ISL_1011972, EPI_ISL_1011974, EPI_ISL_1011975, EPI_ISL_1011977, EPI_ISL_1011978, EPI_ISL_1011979, EPI_ISL_1011980, EPI_ISL_1011981, EPI_ISL_1011982, EPI_ISL_1011985, EPI_ISL_1011986, EPI_ISL_1011988, EPI_ISL_1011989, EPI_ISL_1011990, EPI_ISL_1011995, EPI_ISL_1011996, EPI_ISL_1011998, EPI_ISL_1012001, EPI_ISL_1012002, EPI_ISL_1012003, EPI_ISL_1012004, EPI_ISL_1012006, EPI_ISL_1012007, EPI_ISL_1012008, EPI_ISL_1012009, EPI_ISL_1012010, EPI_ISL_1012012, EPI_ISL_1012013, EPI_ISL_1012015, EPI_ISL_1012018, EPI_ISL_1012019, EPI_ISL_1012020, EPI_ISL_1012021, EPI_ISL_1012022, EPI_ISL_1012024, EPI_ISL_1012025, EPI_ISL_1012027, EPI_ISL_1012028, EPI_ISL_1012029, EPI_ISL_1012030, EPI_ISL_1012031, EPI_ISL_1012032, EPI_ISL_1012034, EPI_ISL_1012036, EPI_ISL_1012037, EPI_ISL_1012039, EPI_ISL_1012043, EPI_ISL_1012046, EPI_ISL_1012047, EPI_ISL_1012048, EPI_ISL_1012049, EPI_ISL_1012050, EPI_ISL_1012051, EPI_ISL_1012052, EPI_ISL_1012055, EPI_ISL_1012056, EPI_ISL_1012057, EPI_ISL_1012062, EPI_ISL_1012064, EPI_ISL_1012067, EPI_ISL_1012068, EPI_ISL_1012069, EPI_ISL_1012073, EPI_ISL_1012074, EPI_ISL_1012076, EPI_ISL_1012078, EPI_ISL_1012079, EPI_ISL_1012080, EPI_ISL_1012082, EPI_ISL_1012083, EPI_ISL_1012084, EPI_ISL_1012085, EPI_ISL_1012086, EPI_ISL_1012087, EPI_ISL_1012089, EPI_ISL_1012091, EPI_ISL_1012092, EPI_ISL_1012093, EPI_ISL_1012096, EPI_ISL_1012097	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1012099, EPI_ISL_1012101, EPI_ISL_1012102, EPI_ISL_1012103, EPI_ISL_1012104, EPI_ISL_1012106, EPI_ISL_1012108, EPI_ISL_1012109, EPI_ISL_1012110, EPI_ISL_1012111, EPI_ISL_1012113, EPI_ISL_1012114, EPI_ISL_1012115, EPI_ISL_1012116, EPI_ISL_1012118, EPI_ISL_1012119, EPI_ISL_1012121, EPI_ISL_1012122, EPI_ISL_1012123, EPI_ISL_1012124, EPI_ISL_1012125, EPI_ISL_1012126, EPI_ISL_1012127, EPI_ISL_1012129, EPI_ISL_1012130, EPI_ISL_1012131, EPI_ISL_1012132, EPI_ISL_1012136, EPI_ISL_1012139, EPI_ISL_1012140, EPI_ISL_1012142, EPI_ISL_1012143, EPI_ISL_1012146, EPI_ISL_1012147, EPI_ISL_1012148, EPI_ISL_1012149, EPI_ISL_1012150, EPI_ISL_1012151, EPI_ISL_1012152, EPI_ISL_1012153, EPI_ISL_1012154, EPI_ISL_1012155, EPI_ISL_1012157, EPI_ISL_1012158, EPI_ISL_1012159, EPI_ISL_1012160, EPI_ISL_1012162, EPI_ISL_1012163, EPI_ISL_1012164, EPI_ISL_1012165, EPI_ISL_1012166, EPI_ISL_1012168, EPI_ISL_1012171, EPI_ISL_1012172, EPI_ISL_1012173, EPI_ISL_1012174, EPI_ISL_1012175, EPI_ISL_1012177, EPI_ISL_1012178, EPI_ISL_1012181, EPI_ISL_1012182, EPI_ISL_1012183, EPI_ISL_1012184, EPI_ISL_1012185, EPI_ISL_1012186, EPI_ISL_1012187, EPI_ISL_1012188, EPI_ISL_1012189, EPI_ISL_1012190, EPI_ISL_1012191, EPI_ISL_1012192, EPI_ISL_1012193, EPI_ISL_1012194, EPI_ISL_1012195, EPI_ISL_1012198, EPI_ISL_1012199, EPI_ISL_1012200, EPI_ISL_1012202, EPI_ISL_1012204, EPI_ISL_1012205, EPI_ISL_1012220, EPI_ISL_1012221, EPI_ISL_1012222, EPI_ISL_1012223, EPI_ISL_1012224, EPI_ISL_1012225, EPI_ISL_1012227, EPI_ISL_1012228, EPI_ISL_1012229, EPI_ISL_1012230, EPI_ISL_1012232, EPI_ISL_1012233, EPI_ISL_1012236, EPI_ISL_1012238, EPI_ISL_1012240, EPI_ISL_1012241, EPI_ISL_1012242, EPI_ISL_1012244, EPI_ISL_1012245, EPI_ISL_1012247, EPI_ISL_1012248, EPI_ISL_1012249, EPI_ISL_1012250, EPI_ISL_1012251, EPI_ISL_1012253, EPI_ISL_1012254, EPI_ISL_1012256, EPI_ISL_1012257, EPI_ISL_1012275, EPI_ISL_1012277, EPI_ISL_1012278, EPI_ISL_1012279, EPI_ISL_1012281, EPI_ISL_1012283, EPI_ISL_1012284, EPI_ISL_1012289, EPI_ISL_1012291, EPI_ISL_1012295, EPI_ISL_1012296, EPI_ISL_1012297, EPI_ISL_1012299, EPI_ISL_1012301, EPI_ISL_1012303, EPI_ISL_1012304, EPI_ISL_1012305, EPI_ISL_1012306, EPI_ISL_1012308, EPI_ISL_1012310, EPI_ISL_1012311, EPI_ISL_1012313, EPI_ISL_1012315, EPI_ISL_1012316, EPI_ISL_1012317, EPI_ISL_1012319, EPI_ISL_1012320, EPI_ISL_1012321, EPI_ISL_1012323, EPI_ISL_1012324, EPI_ISL_1012325, EPI_ISL_1012327, EPI_ISL_1012328, EPI_ISL_1012329, EPI_ISL_1012331, EPI_ISL_1012332, EPI_ISL_1012333, EPI_ISL_1012334, EPI_ISL_1012335, EPI_ISL_1012336, EPI_ISL_1012337, EPI_ISL_1012338, EPI_ISL_1012339, EPI_ISL_1012340, EPI_ISL_1012342, EPI_ISL_1012343, EPI_ISL_1012344, EPI_ISL_1012346, EPI_ISL_1012349, EPI_ISL_1012350, EPI_ISL_1012351, EPI_ISL_1012352, EPI_ISL_1012353, EPI_ISL_1012356, EPI_ISL_1012357, EPI_ISL_1012359, EPI_ISL_1012360, EPI_ISL_1012361, EPI_ISL_1012362, EPI_ISL_1012365, EPI_ISL_1012367, EPI_ISL_1012368, EPI_ISL_1012369, EPI_ISL_1012371, EPI_ISL_1012373, EPI_ISL_1012375, EPI_ISL_1012377, EPI_ISL_1012379, EPI_ISL_1012380, EPI_ISL_1012382, EPI_ISL_1012383, EPI_ISL_1012384, EPI_ISL_1012385, EPI_ISL_1012386, EPI_ISL_1012390, EPI_ISL_1012391, EPI_ISL_1012393, EPI_ISL_1012394, EPI_ISL_1012395, EPI_ISL_1012396, EPI_ISL_1012397, EPI_ISL_1012399, EPI_ISL_1012400, EPI_ISL_1012401, EPI_ISL_1012402	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1012404	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team	
EPI_ISL_1012409	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team	
EPI_ISL_1012412, EPI_ISL_1012413, EPI_ISL_1012415	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team	
EPI_ISL_1012416	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team	
EPI_ISL_1012417, EPI_ISL_1012420, EPI_ISL_1012422, EPI_ISL_1012425, EPI_ISL_1012426, EPI_ISL_1012427, EPI_ISL_1012432, EPI_ISL_1012433, EPI_ISL_1012434, EPI_ISL_1012435, EPI_ISL_1012436, EPI_ISL_1012440, EPI_ISL_1012441, EPI_ISL_1012442, EPI_ISL_1012443, EPI_ISL_1012444, EPI_ISL_1012445, EPI_ISL_1012447, EPI_ISL_1012452, EPI_ISL_1012455	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1012458	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team	
EPI_ISL_1012459, EPI_ISL_1012460, EPI_ISL_1012461, EPI_ISL_1012462, EPI_ISL_1012463, EPI_ISL_1012464, EPI_ISL_1012467, EPI_ISL_1012471, EPI_ISL_1012472, EPI_ISL_1012473, EPI_ISL_1012474, EPI_ISL_1012475, EPI_ISL_1012476, EPI_ISL_1012478, EPI_ISL_1012479, EPI_ISL_1012483, EPI_ISL_1012486, EPI_ISL_1012487, EPI_ISL_1012488, EPI_ISL_1012489, EPI_ISL_1012490, EPI_ISL_1012491, EPI_ISL_1012492, EPI_ISL_1012494, EPI_ISL_1012495, EPI_ISL_1012497	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team

EPI_ISL_1012499	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1012502, EPI_ISL_1012504, EPI_ISL_1012505, EPI_ISL_1012507, EPI_ISL_1012511, EPI_ISL_1012516, EPI_ISL_1012517, EPI_ISL_1012518, EPI_ISL_1012519, EPI_ISL_1012522, EPI_ISL_1012524, EPI_ISL_1012525, EPI_ISL_1012526, EPI_ISL_1012528, EPI_ISL_1012529, EPI_ISL_1012530, EPI_ISL_1012533, EPI_ISL_1012535, EPI_ISL_1012536, EPI_ISL_1012538, EPI_ISL_1012542, EPI_ISL_1012544, EPI_ISL_1012546, EPI_ISL_1012547, EPI_ISL_1012548			
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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1012549	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1012551, EPI_ISL_1012552, EPI_ISL_1012553, EPI_ISL_1012554, EPI_ISL_1012556, EPI_ISL_1012559, EPI_ISL_1012561, EPI_ISL_1012563, EPI_ISL_1012566, EPI_ISL_1012568, EPI_ISL_1012569, EPI_ISL_1012571, EPI_ISL_1012573, EPI_ISL_1012574, EPI_ISL_1012575, EPI_ISL_1012577, EPI_ISL_1012578, EPI_ISL_1012579, EPI_ISL_1012580, EPI_ISL_1012581, EPI_ISL_1012588, EPI_ISL_1012593, EPI_ISL_1012599, EPI_ISL_1012603, EPI_ISL_1012604, EPI_ISL_1012606			
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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1012611, EPI_ISL_1012613, EPI_ISL_1012616, EPI_ISL_1012617, EPI_ISL_1012625, EPI_ISL_1012628, EPI_ISL_1012641, EPI_ISL_1012643, EPI_ISL_1012644, EPI_ISL_1012645, EPI_ISL_1012653, EPI_ISL_1012655, EPI_ISL_1012657, EPI_ISL_1012661, EPI_ISL_1012663, EPI_ISL_1012665			
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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1012669, EPI_ISL_1012670, EPI_ISL_1012671	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1012672, EPI_ISL_1012673, EPI_ISL_1012679, EPI_ISL_1012681, EPI_ISL_1012687, EPI_ISL_1012688, EPI_ISL_1012694	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1012889, EPI_ISL_1012894, EPI_ISL_1012905, EPI_ISL_1012906, EPI_ISL_1012909, EPI_ISL_1012910	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_1012933, EPI_ISL_1012934, EPI_ISL_1012937, EPI_ISL_1012943, EPI_ISL_1012953, EPI_ISL_1012954, EPI_ISL_1012957, EPI_ISL_1012963, EPI_ISL_1012971, EPI_ISL_1012973, EPI_ISL_1012974, EPI_ISL_1012977, EPI_ISL_1012982, EPI_ISL_1012983, EPI_ISL_1012985, EPI_ISL_1012986, EPI_ISL_1012990, EPI_ISL_1012992, EPI_ISL_1013000, EPI_ISL_1013001			
see above	Servicio de Microbiología, Laboratori Clínic Metropolitana Nord. Hospital Universitari Germans Trias i Pujol. Institut d'Investigació en Ciències de la Salut Germans Trias i Pujol (IGTP)	IrsiCaixa - Can Ruti CovidSeq	Marc Noguera-Julian, Mariona Parera, Maria Casadellà, Pilar Armengol, Francesc Catala-Moll, Roger Paredes, Bonaventura Clotet Elisa Martró, Verónica Saludes, Anna Not, Ana Pérez, Montserrat Giménez, Ignacio Blanco, Cristina Esteban, Cristina Casañ, Antoni E. Bordoy, Adrián Antuori
EPI_ISL_1013210, EPI_ISL_1013211, EPI_ISL_1013212, EPI_ISL_1013213	Hôpital Necker	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Fourgeaud Jacques
EPI_ISL_1013218, EPI_ISL_1013219, EPI_ISL_1013220, EPI_ISL_1013221	Laboratoire de Microbiologie	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Martres Pascale
EPI_ISL_1013222, EPI_ISL_1013223	Service Biologie	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, Marquie Juliet StéPhanie
EPI_ISL_1013235	Hôpital Necker	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Fourgeaud Jacques
EPI_ISL_1013411, EPI_ISL_1013412, EPI_ISL_1013413, EPI_ISL_1013414	CHU - Hôpital Cavale Blanche	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Pilorge LéA
EPI_ISL_1013415	Hôpital Necker	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Fourgeaud Jacques
EPI_ISL_1013416	Hôpital Necker	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, Lueruz-Ville Marianne
EPI_ISL_1013417	Institut Pasteur de Guadeloupe	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, Talarmin Antoine
EPI_ISL_1013488	Department of Medical Microbiology - section Molde, Molde Hospital	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1013617, EPI_ISL_1013620, EPI_ISL_1013649, EPI_ISL_1013655, EPI_ISL_1013656, EPI_ISL_1013657, EPI_ISL_1013658, EPI_ISL_1013659, EPI_ISL_1013660, EPI_ISL_1013661, EPI_ISL_1013662, EPI_ISL_1013663, EPI_ISL_1013664, EPI_ISL_1013665, EPI_ISL_1013666, EPI_ISL_1013667, EPI_ISL_1013668, EPI_ISL_1013669, EPI_ISL_1013670, EPI_ISL_1013671, EPI_ISL_1013672, EPI_ISL_1013673, EPI_ISL_1013674, EPI_ISL_1013675, EPI_ISL_1013676, EPI_ISL_1013677, EPI_ISL_1013680, EPI_ISL_1013681, EPI_ISL_1013682, EPI_ISL_1013683, EPI_ISL_1013684, EPI_ISL_1013685, EPI_ISL_1013687, EPI_ISL_1013689, EPI_ISL_1013691, EPI_ISL_1013694			
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_1013771	Imelda Hospital	Imelda Hospital	Johan Frans, Hanne Valgaeren, Dagmar Obbels
EPI_ISL_1013782, EPI_ISL_1013783, EPI_ISL_1013784, EPI_ISL_1013785, EPI_ISL_1013788, EPI_ISL_1013793, EPI_ISL_1013798, EPI_ISL_1013799, EPI_ISL_1013800, EPI_ISL_1013801, EPI_ISL_1013803, EPI_ISL_1013804, EPI_ISL_1013805, EPI_ISL_1013806, EPI_ISL_1013807, EPI_ISL_1013808, EPI_ISL_1013809, EPI_ISL_1013810, EPI_ISL_1013811, EPI_ISL_1013812, EPI_ISL_1013813, EPI_ISL_1013814, EPI_ISL_1013815, EPI_ISL_1013816, EPI_ISL_1013817, EPI_ISL_1013818, EPI_ISL_1013842, EPI_ISL_1013843, EPI_ISL_1013850, EPI_ISL_1013851, EPI_ISL_1013890, EPI_ISL_1013891, EPI_ISL_1013893, EPI_ISL_1013924, EPI_ISL_1013925, EPI_ISL_1013926, EPI_ISL_1013927, EPI_ISL_1013928, EPI_ISL_1013929, EPI_ISL_1013930, EPI_ISL_1013931, EPI_ISL_1013932, EPI_ISL_1013933, EPI_ISL_1013934, EPI_ISL_1013935, EPI_ISL_1013936, EPI_ISL_1013937, EPI_ISL_1013938, EPI_ISL_1013939, EPI_ISL_1013940, EPI_ISL_1013941, EPI_ISL_1013943, EPI_ISL_1013944, EPI_ISL_1013945, EPI_ISL_1013946, EPI_ISL_1013947, EPI_ISL_1013948, EPI_ISL_1013949, EPI_ISL_1013950, EPI_ISL_1013951, EPI_ISL_1013952, EPI_ISL_1013953, EPI_ISL_1013954, EPI_ISL_1013955, EPI_ISL_1013956, EPI_ISL_1013957, EPI_ISL_1013958, EPI_ISL_1013959, EPI_ISL_1013960, EPI_ISL_1013961, EPI_ISL_1014021, EPI_ISL_1014022, EPI_ISL_1014023, EPI_ISL_1014024, EPI_ISL_1014025, EPI_ISL_1014026, EPI_ISL_1014028, EPI_ISL_1014029, EPI_ISL_1014030, EPI_ISL_1014031, EPI_ISL_1014032, EPI_ISL_1014033, EPI_ISL_1014034, EPI_ISL_1014035, EPI_ISL_1014036, EPI_ISL_1014037, EPI_ISL_1014038, EPI_ISL_1014039, EPI_ISL_1014040, EPI_ISL_1014041, EPI_ISL_1014042, EPI_ISL_1014043, EPI_ISL_1014044, EPI_ISL_1014045, EPI_ISL_1014046, EPI_ISL_1014047, EPI_ISL_1014048, EPI_ISL_1014049, EPI_ISL_1014050, EPI_ISL_1014051, EPI_ISL_1014052, EPI_ISL_1014053, EPI_ISL_1014054, EPI_ISL_1014055, EPI_ISL_1014056, EPI_ISL_1014057, EPI_ISL_1014058, EPI_ISL_1014059, EPI_ISL_1014060, EPI_ISL_1014061, EPI_ISL_1014062, EPI_ISL_1014063, EPI_ISL_1014064, EPI_ISL_1014065, EPI_ISL_1014066, EPI_ISL_1014067, EPI_ISL_1014068, EPI_ISL_1014069, EPI_ISL_1014070, EPI_ISL_1014071, EPI_ISL_1014072, EPI_ISL_1014073, EPI_ISL_1014074, EPI_ISL_1014075, EPI_ISL_1014076, EPI_ISL_1014077, EPI_ISL_1014078, EPI_ISL_1014079, EPI_ISL_1014080, EPI_ISL_1014081, EPI_ISL_1014082, EPI_ISL_1014083, EPI_ISL_1014084, EPI_ISL_1014085, EPI_ISL_1014086, EPI_ISL_1014087, EPI_ISL_1014089, EPI_ISL_1014090, EPI_ISL_1014091, EPI_ISL_1014092, EPI_ISL_1014093, EPI_ISL_1014094, EPI_ISL_1014095, EPI_ISL_1014096, EPI_ISL_1014097, EPI_ISL_1014098, EPI_ISL_1014099, EPI_ISL_1014100, EPI_ISL_1014101, EPI_ISL_1014102, EPI_ISL_1014103, EPI_ISL_1014104, EPI_ISL_1014105, EPI_ISL_1014106, EPI_ISL_1014108, EPI_ISL_1014109, EPI_ISL_1014110, EPI_ISL_1014111, EPI_ISL_1014112, EPI_ISL_1014113, EPI_ISL_1014114, EPI_ISL_1014115, EPI_ISL_1014116, EPI_ISL_1014117, EPI_ISL_1014118, EPI_ISL_1014119, EPI_ISL_1014120, EPI_ISL_1014121, EPI_ISL_1014122, EPI_ISL_1014123, EPI_ISL_1014124, EPI_ISL_1014125, EPI_ISL_1014126, EPI_ISL_1014127, EPI_ISL_1014128, EPI_ISL_1014129, EPI_ISL_1014130, EPI_ISL_1014131, EPI_ISL_1014132, EPI_ISL_1014133, EPI_ISL_1014134, EPI_ISL_1014135, EPI_ISL_1014136, EPI_ISL_1014137, EPI_ISL_1014138, EPI_ISL_1014139, EPI_ISL_1014140, EPI_ISL_1014141, EPI_ISL_1014142, EPI_ISL_1014143, EPI_ISL_1014144, EPI_ISL_1014145, EPI_ISL_1014146, EPI_ISL_1014147, EPI_ISL_1014148, EPI_ISL_1014149, EPI_ISL_1014150, EPI_ISL_1014151, EPI_ISL_1014152, EPI_ISL_1014153, EPI_ISL_1014154, EPI_ISL_1014155, EPI_ISL_1014156, EPI_ISL_1014157, EPI_ISL_1014158, EPI_ISL_1014159, EPI_ISL_1014160, EPI_ISL_1014161, EPI_ISL_1014162, EPI_ISL_1014163, EPI_ISL_1014164, EPI_ISL_1014165, EPI_ISL_1014166, EPI_ISL_1014167, EPI_ISL_1014168, EPI_ISL_1014169, EPI_ISL_1014170, EPI_ISL_1014171, EPI_ISL_1014172, EPI_ISL_1014173, EPI_ISL_1014174, EPI_ISL_1014175, EPI_ISL_1014176, EPI_ISL_1014177, EPI_ISL_1014178, EPI_ISL_1014179, EPI_ISL_1014180, EPI_ISL_1014181, EPI_ISL_1014182, EPI_ISL_1014183, EPI_ISL_1014184, EPI_ISL_1014185, EPI_ISL_1014186, EPI_ISL_1014187, EPI_ISL_1014188, EPI_ISL_1014189, EPI_ISL_1014190, EPI_ISL_1014191, EPI_ISL_1014192, EPI_ISL_1014193, EPI_ISL_1014194, EPI_ISL_1014195, EPI_ISL_1014196, EPI_ISL_1014198, EPI_ISL_1014199, EPI_ISL_1014200, EPI_ISL_1014201, EPI_ISL_1014202, EPI_ISL_1014203, EPI_ISL_1014204, EPI_ISL_1014205, EPI_ISL_1014206, EPI_ISL_1014207, EPI_ISL_1014208, EPI_ISL_1014209, EPI_ISL_1014210, EPI_ISL_1014211, EPI_ISL_1014212, EPI_ISL_1014213, EPI_ISL_1014214, EPI_ISL_1014215, EPI_ISL_1014216, EPI_ISL_1014217, EPI_ISL_1014218, EPI_ISL_1014221, EPI_ISL_1014222, EPI_ISL_1014223, EPI_ISL_1014224, EPI_ISL_1014225, EPI_ISL_1014226, EPI_ISL_1014227, EPI_ISL_1014228, EPI_ISL_1014229, EPI_ISL_1014230, EPI_ISL_1014231, EPI_ISL_1014232, EPI_ISL_1014233, EPI_ISL_1014234, EPI_ISL_1014235			
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_1014237	University of Bari Biomedical Sciences and Human Oncology	University of Bari Biomedical Sciences and Human Oncology	Chironna M., Sallustio A., Loconsole D., Accogli M.
EPI_ISL_1014270, EPI_ISL_1014271, EPI_ISL_1014278, EPI_ISL_1014283, EPI_ISL_1014351, EPI_ISL_1014352, EPI_ISL_1014353, EPI_ISL_1014354, EPI_ISL_1014355, EPI_ISL_1014383, EPI_ISL_1014416, EPI_ISL_1014597, EPI_ISL_1014598, EPI_ISL_1014599, EPI_ISL_1014600, EPI_ISL_1014601, EPI_ISL_1014602,			



EPI_ISL_1014603, EPI_ISL_1014604, EPI_ISL_1014605, EPI_ISL_1014606, EPI_ISL_1014607, EPI_ISL_1014608, EPI_ISL_1014609, EPI_ISL_1014610, EPI_ISL_1014611			
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_1014690	University of Bari Biomedical Sciences and Human Oncology	University of Bari Biomedical Sciences and Human Oncology	Chironna M., Sallustio A., Loconsole D., Accogli M.
EPI_ISL_1014693, EPI_ISL_1014694, EPI_ISL_1014695, EPI_ISL_1014697, EPI_ISL_1014702	University Hospital Basel, Clinical Virology	University Hospital Basel, Clinical Bacteriology	Tim Roloff, Madlen Stange, Helena MB Seth-Smith, Alfredo Mari, Karoline Leuzinger, Julia Bielicki, Manuel Battegay, Hans Hirsch, Adrian Egli
EPI_ISL_1014806, EPI_ISL_1014808, EPI_ISL_1014809, EPI_ISL_1014852, EPI_ISL_1014859, EPI_ISL_1014860, EPI_ISL_1014861, EPI_ISL_1014862, EPI_ISL_1014863, EPI_ISL_1014864, EPI_ISL_1014865, EPI_ISL_1014866, EPI_ISL_1014867, EPI_ISL_1014868, EPI_ISL_1014870, EPI_ISL_1014871, EPI_ISL_1014872, EPI_ISL_1014873, EPI_ISL_1014874, EPI_ISL_1014875, EPI_ISL_1014876, EPI_ISL_1014877			
see above	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_1014906, EPI_ISL_1014913, EPI_ISL_1014916, EPI_ISL_1014918, EPI_ISL_1014919, EPI_ISL_1014920, EPI_ISL_1014927, EPI_ISL_1014932, EPI_ISL_1014935	Jessa	Jessa	Jessa_cmdLab
EPI_ISL_1014940	Algemeen Klinisch Labo Lier	KU Leuven, Rega Institute, Clinical and Epidemiological Virology	Tony Wawina-Bokalanga, Bert Vanmechelen, Joan Marti-Carerras, Piet Maes
EPI_ISL_1015361	Coast Diagnostics	Synergy Laboratories	Megan Cornwell
EPI_ISL_1015378	Biology Lab, HIA PERCY	IRBA, 2MI	GORGE O., NOLENT F., SARILAR V., FOISSAUD V.
EPI_ISL_1015535, EPI_ISL_1015537, EPI_ISL_1015542, EPI_ISL_1015548, EPI_ISL_1015560	Azienda Sanitaria dell'Alto Adige Laboratorio Aziendale di Microbiologia e Virologia	Istituto di Genomica Applicata	Elisabetta Pagani, Irene Bianconi, Elisabetta Giacobazzi, Elisa Masi, Stefanie Wieser, Irena Jurman, Vera Vendramin, Gabriele Magris, Eleonora Paparelli, Davide Scaglione, Michele Morgante
EPI_ISL_1015575, EPI_ISL_1015578, EPI_ISL_1015579, EPI_ISL_1015580, EPI_ISL_1015581, EPI_ISL_1015583, EPI_ISL_1015584, EPI_ISL_1015585, EPI_ISL_1015586, EPI_ISL_1015588, EPI_ISL_1015589, EPI_ISL_1015590, EPI_ISL_1015591, EPI_ISL_1015592, EPI_ISL_1015593, EPI_ISL_1015607, EPI_ISL_1015608, EPI_ISL_1015609, EPI_ISL_1015610, EPI_ISL_1015612, EPI_ISL_1015613, EPI_ISL_1015614, EPI_ISL_1015615, EPI_ISL_1015617, EPI_ISL_1015620, EPI_ISL_1015621, EPI_ISL_1015622, EPI_ISL_1015623, EPI_ISL_1015624, EPI_ISL_1015628, EPI_ISL_1015629, EPI_ISL_1015631, EPI_ISL_1015632, EPI_ISL_1015633, EPI_ISL_1015634, EPI_ISL_1015635, EPI_ISL_1015636, EPI_ISL_1015637, EPI_ISL_1015638, EPI_ISL_1015639, EPI_ISL_1015640, EPI_ISL_1015641, EPI_ISL_1015642, EPI_ISL_1015643, EPI_ISL_1015646, EPI_ISL_1015647			
see above	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_1016103, EPI_ISL_1016104, EPI_ISL_1016107, EPI_ISL_1016108, EPI_ISL_1016118, EPI_ISL_1016125	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_1016133	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_1016169	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_1016178, EPI_ISL_1016185	MONTEFIORE MEDICAL CENTER LABORATORIES	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1016246, EPI_ISL_1016248	New York Presbyterian 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_1016608	Helix/Illumina	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, Eileen de Feo, Jan Antico, Christine Tran, Matthew Tolentino, Shannon Wickline, Kim Gietzen, Brad Sickler, Jingtao Liu, Eric Allen, Phil Febbo, Summer Galloway, Nicole L. Washington, Simon White, Geraint Levan, Kelly Schiabor Barrett, Elizabeth Cirulli, Alexandre Bolze, Ary Ascencio, Charlotte Rivera-Garcia, Ryan Cho, Jason Nguyen, Sherry Wang, Jimmy Ramirez, Tyler Cassens, Efrén Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1016855	Middlemore Hospital	Institute of Environmental Science and Research (ESR)	Xiaoyun Ren, Matt Storey, Nikki Freed, Muhammad Faisal, Jing Wang, Hermes Perez, Anja Werno, Antje van der Linden, Arlo Upton, Chris Mansell, David Hammer, Dragana Drinkovic, Gary McAuliffe, Hana Sofia Andersson, James Ussher, Jill Sherwood, Josh Freeman, Julia Howard, Juliet Elvy, Mary DeAlmeida, Matt Blakiston, Matthew Rogers, Max Bloomfield, Michael Addidle, Michelle Balm, Sally Roberts, Sarah Jefferies, Sharmini Muttaiyah, Susan Morpeth, Susan Taylor, Timothy Blackmore, Vani Sathyendran, Veronica Playle, Virginia Hope, Erasmus Smit, Lauren Jelly, Olin Silander, Joep de Ligt
EPI_ISL_1016856	LabTests	Institute of Environmental Science and Research (ESR)	Xiaoyun Ren, Matt Storey, Nikki Freed, Muhammad Faisal, Jing Wang, Hermes Perez, Anja Werno, Antje van der Linden, Arlo Upton, Chris Mansell, David Hammer, Dragana Drinkovic, Gary McAuliffe, Hana Sofia Andersson, James Ussher, Jill Sherwood, Josh Freeman, Julia Howard, Juliet Elvy, Mary DeAlmeida, Matt Blakiston, Matthew Rogers, Max Bloomfield, Michael Addidle, Michelle Balm, Sally Roberts, Sarah Jefferies, Sharmini Muttaiyah, Susan Morpeth, Susan Taylor, Timothy Blackmore, Vani Sathyendran, Veronica Playle, Virginia Hope, Erasmus Smit, Lauren Jelly, Olin Silander, Joep de Ligt
EPI_ISL_1016857	Middlemore Hospital	Institute of Environmental Science and Research (ESR)	Xiaoyun Ren, Matt Storey, Nikki Freed, Muhammad Faisal, Jing Wang, Hermes Perez, Anja Werno, Antje van der Linden, Arlo Upton, Chris Mansell, David Hammer, Dragana Drinkovic, Gary McAuliffe, Hana Sofia Andersson, James Ussher, Jill Sherwood, Josh Freeman, Julia Howard, Juliet Elvy, Mary DeAlmeida, Matt Blakiston, Matthew Rogers, Max Bloomfield, Michael Addidle, Michelle Balm, Sally Roberts, Sarah Jefferies, Sharmini Muttaiyah, Susan Morpeth, Susan Taylor, Timothy Blackmore, Vani Sathyendran, Veronica Playle, Virginia Hope, Erasmus Smit, Lauren Jelly, Olin Silander, Joep de Ligt
EPI_ISL_1016858, EPI_ISL_1016859, EPI_ISL_1016864, EPI_ISL_1016873	LabPLUS	Institute of Environmental Science and Research (ESR)	Xiaoyun Ren, Matt Storey, Nikki Freed, Muhammad Faisal, Jing Wang, Hermes Perez, Anja Werno, Antje van der Linden, Arlo Upton, Chris Mansell, David Hammer, Dragana Drinkovic, Gary McAuliffe, Hana Sofia Andersson, James Ussher, Jill Sherwood, Josh Freeman, Julia Howard, Juliet Elvy, Mary DeAlmeida, Matt Blakiston, Matthew Rogers, Max Bloomfield, Michael Addidle, Michelle Balm, Sally Roberts, Sarah Jefferies, Sharmini Muttaiyah, Susan Morpeth, Susan Taylor, Timothy Blackmore, Vani Sathyendran, Veronica Playle, Virginia Hope, Erasmus Smit, Lauren Jelly, Olin Silander, Joep de Ligt
EPI_ISL_1016884	University of Sarajevo, Veterinary Faculty, Laboratory for Molecular Diagnostic and Research Laboratory	University of Sarajevo, Veterinary Faculty, Laboratory for Molecular Diagnostic and Research Laboratory	Goletic T., Goletic S., Softic A., Alic-Seho A., Nicevic M., Sabic E., Terzic I., Jazic A., Hodzic A.
EPI_ISL_1016885	University of Sarajevo, Veterinary Faculty, Laboratory for Molecular Diagnostic and Research Laboratory	University of Sarajevo, Veterinary Faculty, Laboratory for Molecular Diagnostic and Research Laboratory	Goletic S., Goletic T., Softic A., Alic-Seho A., Terzic I., Jazic A., Nicevic M., Hodzic A., Sabic E.
EPI_ISL_1016968	University of Sarajevo, Veterinary Faculty, Laboratory for Molecular Diagnostic and Research Laboratory	University of Sarajevo, Veterinary Faculty, Laboratory for Molecular Diagnostic and Research Laboratory	Goletic S., Goletic T., Softic A., Alic-Seho A., Hodzic A., Terzic I., Sabic E., Jazic A., Nicevic M.
EPI_ISL_1016969	University of Sarajevo, Veterinary Faculty, Laboratory for Molecular Diagnostic and Research Laboratory	University of Sarajevo, Veterinary Faculty, Laboratory for Molecular Diagnostic and Research Laboratory	Goletic S., Goletic T., Softic A., Alic-Seho A., Nicevic M., Terzic I., Jazic A., Hodzic A., Sabic E.
EPI_ISL_1017849, EPI_ISL_1017857, EPI_ISL_1017862, EPI_ISL_1017923, EPI_ISL_1017924, EPI_ISL_1017926, EPI_ISL_1017928, EPI_ISL_1017932, EPI_ISL_1017933, EPI_ISL_1017936, EPI_ISL_1017937, EPI_ISL_1017938, EPI_ISL_1017939, EPI_ISL_1017941, EPI_ISL_1017942, EPI_ISL_1017944, EPI_ISL_1017945, EPI_ISL_1017946, EPI_ISL_1017950, EPI_ISL_1017953, EPI_ISL_1017954, EPI_ISL_1017956, EPI_ISL_1017957, EPI_ISL_1017960, EPI_ISL_1017962, EPI_ISL_1017966, EPI_ISL_1017967			
see above	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Bailey Bowcutt, and Wanda Manley
EPI_ISL_1017969, EPI_ISL_1017970	DOHMH PHL	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1017980	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1017982	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.







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		(COG-UK) Consortium	Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1033889	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_1033890, EPI_ISL_1033891, EPI_ISL_1033892	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_1033893	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_1033896, EPI_ISL_1033897, EPI_ISL_1033899, EPI_ISL_1033900, EPI_ISL_1033901, EPI_ISL_1033902, EPI_ISL_1033905, EPI_ISL_1033906, EPI_ISL_1033908	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_1033909	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_1033910, EPI_ISL_1033912, EPI_ISL_1033913, EPI_ISL_1033914, EPI_ISL_1033917, EPI_ISL_1033919, EPI_ISL_1033921, EPI_ISL_1033923, EPI_ISL_1033924, EPI_ISL_1033926, EPI_ISL_1033927, EPI_ISL_1033929, EPI_ISL_1033930, EPI_ISL_1033931, EPI_ISL_1033932, EPI_ISL_1033934, EPI_ISL_1033935, EPI_ISL_1033936, EPI_ISL_1033937, EPI_ISL_1033940, EPI_ISL_1033942, EPI_ISL_1033943, EPI_ISL_1033944, EPI_ISL_1033945, EPI_ISL_1033946, EPI_ISL_1033947, EPI_ISL_1033948, EPI_ISL_1033949, EPI_ISL_1033951, EPI_ISL_1033952, EPI_ISL_1033953, EPI_ISL_1033954, EPI_ISL_1033955, EPI_ISL_1033956, EPI_ISL_1033957, EPI_ISL_1033958, EPI_ISL_1033960, EPI_ISL_1033961, EPI_ISL_1033962, EPI_ISL_1033963, EPI_ISL_1033964, EPI_ISL_1033965, EPI_ISL_1033967, EPI_ISL_1033968, EPI_ISL_1033969, EPI_ISL_1033970, EPI_ISL_1033971, EPI_ISL_1033972, EPI_ISL_1033974, EPI_ISL_1033975, EPI_ISL_1033976, EPI_ISL_1033979, EPI_ISL_1033980, EPI_ISL_1033981, EPI_ISL_1033982, EPI_ISL_1033983, EPI_ISL_1033984, EPI_ISL_1033985, EPI_ISL_1033987, EPI_ISL_1033988, EPI_ISL_1033990, EPI_ISL_1033991, EPI_ISL_1033992, EPI_ISL_1033995, EPI_ISL_1033996, EPI_ISL_1033999, EPI_ISL_1034000, EPI_ISL_1034001, EPI_ISL_1034005, EPI_ISL_1034008, EPI_ISL_1034009, EPI_ISL_1034010, EPI_ISL_1034011, EPI_ISL_1034012, EPI_ISL_1034014, EPI_ISL_1034015, EPI_ISL_1034016, EPI_ISL_1034017, EPI_ISL_1034018, EPI_ISL_1034019, EPI_ISL_1034020, EPI_ISL_1034021, EPI_ISL_1034023, EPI_ISL_1034024, EPI_ISL_1034025, EPI_ISL_1034028, EPI_ISL_1034031, EPI_ISL_1034032, EPI_ISL_1034033, EPI_ISL_1034034, EPI_ISL_1034035, EPI_ISL_1034036, EPI_ISL_1034037, EPI_ISL_1034039, EPI_ISL_1034040, EPI_ISL_1034044, EPI_ISL_1034046, EPI_ISL_1034047, EPI_ISL_1034049, EPI_ISL_1034051, EPI_ISL_1034053, EPI_ISL_1034054, EPI_ISL_1034055, EPI_ISL_1034057, EPI_ISL_1034058, EPI_ISL_1034059, EPI_ISL_1034060, EPI_ISL_1034061, EPI_ISL_1034062, EPI_ISL_1034063, EPI_ISL_1034064, EPI_ISL_1034065, EPI_ISL_1034066, EPI_ISL_1034067, EPI_ISL_1034068, EPI_ISL_1034069, EPI_ISL_1034072, EPI_ISL_1034073, EPI_ISL_1034074, EPI_ISL_1034078, EPI_ISL_1034079, EPI_ISL_1034082, EPI_ISL_1034084, EPI_ISL_1034085, EPI_ISL_1034086, EPI_ISL_1034088, EPI_ISL_1034090, EPI_ISL_1034091, EPI_ISL_1034092, EPI_ISL_1034093, EPI_ISL_1034094, EPI_ISL_1034095, EPI_ISL_1034096, EPI_ISL_1034097, EPI_ISL_1034098, EPI_ISL_1034100, EPI_ISL_1034101, EPI_ISL_1034102, EPI_ISL_1034103, EPI_ISL_1034104, EPI_ISL_1034107, EPI_ISL_1034108, EPI_ISL_1034109, EPI_ISL_1034110, EPI_ISL_1034111, EPI_ISL_1034112, EPI_ISL_1034115, EPI_ISL_1034117, EPI_ISL_1034118, EPI_ISL_1034119, EPI_ISL_1034121, EPI_ISL_1034122, EPI_ISL_1034124, EPI_ISL_1034125, EPI_ISL_1034126, EPI_ISL_1034127, EPI_ISL_1034128, EPI_ISL_1034129, EPI_ISL_1034130, EPI_ISL_1034131, EPI_ISL_1034133, EPI_ISL_1034134, EPI_ISL_1034136, EPI_ISL_1034137			
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_1034141	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_1034209, EPI_ISL_1034211, EPI_ISL_1034229	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_1034264	National Public Health Laboratory, National Centre for Infectious Diseases	National Public Health Laboratory, National Centre for Infectious Diseases	Tze Minn Mak, Zhenyang Zhou, Lin Cui, Raymond Tzer Pin Lin
EPI_ISL_1034274	Provincial Sanitary and Epidemiological Inspection in Gdask	Laboratory of Recombinant Vaccines	Lukasz Rabalski, Maciej Kosinski, Maciej Grzybek, Natalia Mazur-Panasiuk, Krzysztof Pyr, Boguslaw Szewczyk, Krystyna Bienkowska-Szewczyk
EPI_ISL_1034280	INMI Lazzaro Spallanzani IRCCS	INMI Lazzaro Spallanzani IRCCS	Cesare E.M. Gruber, Barbara Bartolini, Emanuela Giombini, Francesco Messina, Martina Rueca, Ornella Butera, Emanuele Nicastri, Alessandra D'Abramo, Antonino Di Caro, Maria R. Capobianchi
EPI_ISL_1034748, EPI_ISL_1034749, EPI_ISL_1034751, EPI_ISL_1034752	Center of Advanced Studies and Technology, Molecular Genetics Laboratory	Center of Advanced Studies and Technology, Molecular Genetics Laboratory	Ferrante Rossella, Mandatori Domitilla, De Fabritiis Simone, Damiani Verena, Anaclerio Federico
EPI_ISL_1034807, EPI_ISL_1034809, EPI_ISL_1034810, EPI_ISL_1034811	Institute of Medical Microbiology and Hospital Hygiene	Institute of Medical Microbiology and Hospital Hygiene	Prof. Dr. Achim Kaasch, Aljoscha Tersteegen
EPI_ISL_1034812, EPI_ISL_1034813, EPI_ISL_1034814	Landesamt für Verbraucherschutz Sachsen Anhalt, Magdeburg	Institute of Medical Microbiology and Hospital Hygiene	Prof. Dr. Achim Kaasch, Aljoscha Tersteegen
EPI_ISL_1034815, EPI_ISL_1034816	Institute of Medical Microbiology and Hospital Hygiene	Institute of Medical Microbiology and Hospital Hygiene	Prof. Dr. Achim Kaasch, Aljoscha Tersteegen
EPI_ISL_1034817, EPI_ISL_1034821, EPI_ISL_1034822, EPI_ISL_1034823, EPI_ISL_1034824, EPI_ISL_1034825, EPI_ISL_1034826	Landesamt für Verbraucherschutz Sachsen Anhalt, Magdeburg	Institute of Medical Microbiology and Hospital Hygiene	Prof. Dr. Achim Kaasch, Aljoscha Tersteegen
EPI_ISL_1034827, EPI_ISL_1034828, EPI_ISL_1034829	Institute of Medical Microbiology and Hospital Hygiene	Institute of Medical Microbiology and Hospital Hygiene	Prof. Dr. Achim Kaasch, Aljoscha Tersteegen
EPI_ISL_1034830	Landesamt für Verbraucherschutz Sachsen Anhalt, Magdeburg	Institute of Medical Microbiology and Hospital Hygiene	Prof. Dr. Achim Kaasch, Aljoscha Tersteegen
EPI_ISL_1034831, EPI_ISL_1034832, EPI_ISL_1034833	Institute of Medical Microbiology and Hospital Hygiene	Institute of Medical Microbiology and Hospital Hygiene	Prof. Dr. Achim Kaasch, Aljoscha Tersteegen
EPI_ISL_1034835	Landesamt für Verbraucherschutz Sachsen Anhalt, Magdeburg	Institute of Medical Microbiology and Hospital Hygiene	Prof. Dr. Achim Kaasch, Aljoscha Tersteegen
EPI_ISL_1034840, EPI_ISL_1034841, EPI_ISL_1034842, EPI_ISL_1034843, EPI_ISL_1034844, EPI_ISL_1034845, EPI_ISL_1034846, EPI_ISL_1034847	Institute of Medical Microbiology and Hospital Hygiene	Institute of Medical Microbiology and Hospital Hygiene	Prof. Dr. Achim Kaasch, Aljoscha Tersteegen
EPI_ISL_1034852	Landesamt für Verbraucherschutz Sachsen Anhalt, Magdeburg	Institute of Medical Microbiology and Hospital Hygiene	Prof. Dr. Achim Kaasch, Aljoscha Tersteegen
EPI_ISL_1034854	Institute of Medical Microbiology and Hospital Hygiene	Institute of Medical Microbiology and Hospital Hygiene	Prof. Dr. Achim Kaasch, Aljoscha Tersteegen
EPI_ISL_1034855, EPI_ISL_1034856, EPI_ISL_1034857, EPI_ISL_1034858, EPI_ISL_1034859, EPI_ISL_1034862, EPI_ISL_1034864, EPI_ISL_1034865	Landesamt für Verbraucherschutz Sachsen Anhalt, Magdeburg	Institute of Medical Microbiology and Hospital Hygiene	Prof. Dr. Achim Kaasch, Aljoscha Tersteegen
EPI_ISL_1034878, EPI_ISL_1034879	Institute of Medical Microbiology and Hospital Hygiene	Institute of Medical Microbiology and Hospital Hygiene	Prof. Dr. Achim Kaasch, Aljoscha Tersteegen
EPI_ISL_1034880, EPI_ISL_1034881, EPI_ISL_1034882, EPI_ISL_1034883, EPI_ISL_1034885, EPI_ISL_1034886, EPI_ISL_1034887, EPI_ISL_1034888, EPI_ISL_1034889, EPI_ISL_1034890, EPI_ISL_1034891, EPI_ISL_1034892	Landesamt für Verbraucherschutz Sachsen Anhalt, Magdeburg	Institute of Medical Microbiology and Hospital Hygiene	Prof. Dr. Achim Kaasch, Aljoscha Tersteegen
see above	Landesamt für Verbraucherschutz Sachsen Anhalt, Magdeburg	Institute of Medical Microbiology and Hospital Hygiene	Prof. Dr. Achim Kaasch, Aljoscha Tersteegen
EPI_ISL_1034893	Institute of Medical Microbiology and Hospital Hygiene	Institute of Medical Microbiology and Hospital Hygiene	Prof. Dr. Achim Kaasch, Aljoscha Tersteegen
EPI_ISL_1034894, EPI_ISL_1034895, EPI_ISL_1034896	Landesamt für Verbraucherschutz Sachsen Anhalt, Magdeburg	Institute of Medical Microbiology and Hospital Hygiene	Prof. Dr. Achim Kaasch, Aljoscha Tersteegen







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		(COG-UK) Consortium	Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1045870	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_1045873	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_1045875	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_1045879	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_1045880	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_1045883, EPI_ISL_1045885, EPI_ISL_1045888	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_1045898, EPI_ISL_1045899	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_1045902	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_1045903	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_1045905, EPI_ISL_1045906, EPI_ISL_1045909, EPI_ISL_1045915, EPI_ISL_1045919, EPI_ISL_1045923, EPI_ISL_1045929, EPI_ISL_1045934, EPI_ISL_1045936, EPI_ISL_1045940, EPI_ISL_1045941	see above	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1045943	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_1045944, EPI_ISL_1045952, EPI_ISL_1045959, EPI_ISL_1045960, EPI_ISL_1045964, EPI_ISL_1045966	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_1045974, EPI_ISL_1045975, EPI_ISL_1045977, EPI_ISL_1045978	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_1046116	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_1046336	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Rob Howes, The Lighthouse Lab in Cambridge and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
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EPI_ISL_1055810	National Virus Reference Laboratory	National Virus Reference Laboratory	Zoe Yandle, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun
EPI_ISL_1056602, EPI_ISL_1056604, EPI_ISL_1056605, EPI_ISL_1056607, EPI_ISL_1056608, EPI_ISL_1056609, EPI_ISL_1056611, EPI_ISL_1056612, EPI_ISL_1056614, EPI_ISL_1056617, EPI_ISL_1056618, EPI_ISL_1056620, EPI_ISL_1056621, EPI_ISL_1056622, EPI_ISL_1056623, EPI_ISL_1056628, EPI_ISL_1056631, EPI_ISL_1056634, EPI_ISL_1056635, EPI_ISL_1056638, EPI_ISL_1056639, EPI_ISL_1056640, EPI_ISL_1056642, EPI_ISL_1056643, EPI_ISL_1056644, EPI_ISL_1056648	Servicio de Microbiología, Hospital Universitario Son Espases	SeqCOVID-SPAIN consortium/IBV(CSIC)	Carla López-Causapé, Jordi Reina, Antonio Oliver and SeqCOVID-SPAIN consortium
see above	Servicio de Microbiología, Hospital Universitario Son Espases	SeqCOVID-SPAIN consortium/IBV(CSIC)	Carla López-Causapé, Jordi Reina, Antonio Oliver and SeqCOVID-SPAIN consortium
EPI_ISL_1056976, EPI_ISL_1056977, EPI_ISL_1056978, EPI_ISL_1056979, EPI_ISL_1056980, EPI_ISL_1056981, EPI_ISL_1056982, EPI_ISL_1056983, EPI_ISL_1056984, EPI_ISL_1056985, EPI_ISL_1056995, EPI_ISL_1056997, EPI_ISL_1056998, EPI_ISL_1056999, EPI_ISL_1057000, EPI_ISL_1057001, EPI_ISL_1057002, EPI_ISL_1057003, EPI_ISL_1057004, EPI_ISL_1057005, EPI_ISL_1057006, EPI_ISL_1057007, EPI_ISL_1057008, EPI_ISL_1057012, EPI_ISL_1057017, EPI_ISL_1057020, EPI_ISL_1057021, EPI_ISL_1057022, EPI_ISL_1057023, EPI_ISL_1057024, EPI_ISL_1057026, EPI_ISL_1057027, EPI_ISL_1057028, EPI_ISL_1057029, EPI_ISL_1057030, EPI_ISL_1057032	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
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_1057039	Hospital Universitari Arnau de Vilanova	Hospital Universitari Vall d'Hebron - Vall d'Hebron Research Institute	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_1057043, EPI_ISL_1057045, EPI_ISL_1057046, EPI_ISL_1057048, EPI_ISL_1057049, EPI_ISL_1057050, EPI_ISL_1057051, EPI_ISL_1057052, EPI_ISL_1057053, EPI_ISL_1057054, EPI_ISL_1057055, EPI_ISL_1057056, EPI_ISL_1057057, EPI_ISL_1057058, EPI_ISL_1057059, EPI_ISL_1057060, EPI_ISL_1057061, EPI_ISL_1057063, EPI_ISL_1057064, EPI_ISL_1057076, EPI_ISL_1057078, EPI_ISL_1057079, EPI_ISL_1057080, EPI_ISL_1057081, EPI_ISL_1057082, EPI_ISL_1057083, EPI_ISL_1057084, EPI_ISL_1057085, EPI_ISL_1057086, EPI_ISL_1057088, EPI_ISL_1057089, EPI_ISL_1057091, EPI_ISL_1057092, EPI_ISL_1057093, EPI_ISL_1057094, EPI_ISL_1057095	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
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_1057107, EPI_ISL_1057108, EPI_ISL_1057109, EPI_ISL_1057110, EPI_ISL_1057112, EPI_ISL_1057113, EPI_ISL_1057114, EPI_ISL_1057116, EPI_ISL_1057117, EPI_ISL_1057118, EPI_ISL_1057119, EPI_ISL_1057120	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
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_1057121, EPI_ISL_1057122	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_1057123, EPI_ISL_1057126	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_1057127, EPI_ISL_1057128	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_1057129, EPI_ISL_1057132, EPI_ISL_1057133, EPI_ISL_1057134	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_1057136	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_1057137, EPI_ISL_1057139	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_1057141	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_1057143, EPI_ISL_1057144, EPI_ISL_1057145, EPI_ISL_1057149, EPI_ISL_1057151	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_1057152	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_1057153, EPI_ISL_1057156, EPI_ISL_1057157	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_1057158	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves,



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see above	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1063386, EPI_ISL_1063388	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_1063389	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_1063390	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_1063392, EPI_ISL_1063393	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_1063395, EPI_ISL_1063397	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_1063407, EPI_ISL_1063418, EPI_ISL_1063430, EPI_ISL_1063439, EPI_ISL_1063444, EPI_ISL_1063448, EPI_ISL_1063450, EPI_ISL_1063451, EPI_ISL_1063455, EPI_ISL_1063457, EPI_ISL_1063458, EPI_ISL_1063459, EPI_ISL_1063462, EPI_ISL_1063463, EPI_ISL_1063466, EPI_ISL_1063468, EPI_ISL_1063469, EPI_ISL_1063473, EPI_ISL_1063477, EPI_ISL_1063479, EPI_ISL_1063486			
see above	Azienda Sanitaria dell'Alto Adige Laboratorio Aziendale di Microbiologia e Virologia	Istituto di Genomica Applicata	Elisabetta Pagani, Irene Bianconi, Elisabetta Giacobazzi, Elisa Masi, Stefanie Wieser, Irena Jurman, Vera Vendramin, Gabriele Magris, Eleonora Paparelli, Davide Scaglione, Michele Morgante
EPI_ISL_1063735, EPI_ISL_1063741, EPI_ISL_1063761, EPI_ISL_1063765, EPI_ISL_1063766, EPI_ISL_1063768, EPI_ISL_1063771, EPI_ISL_1063772	Division of Emerging Infectious Diseases, Bureau of Infectious Diseases Diagnosis Control, Korea Disease Control and Prevention Agency	Division of Emerging Infectious Diseases, Bureau of Infectious Diseases Diagnosis Control, Korea Disease Control and Prevention Agency	Ae Kyung Park, Il-Hwan Kim, Heui Man Kim, Jeong-Min Kim, Namjoo Lee, Chaeyoung Lee, Sang Hee Woo, Eun-Jin Kim
EPI_ISL_1063791	Hospital Universitari Arnau de Vilanova	Hospital Universitari Vall d'Hebron	Cristina Andrés, María Piñana, Josep F Abril, Damir Garcia-Cehic, Ariadna Rando, Juliana Esperalba, María Gema Codina, Carla Castillo, María Carmen Martín, Tomás Pumarola, Josep Quer, Andrés Antón
EPI_ISL_1063911	INMI Lazzaro Spallanzani IRCCS	INMI Lazzaro Spallanzani IRCCS	E Giombini, M. Rueca, B Bartolini, O Butera, CEM Gruber, F Messina, A Di Caro, MR Capobianchi
EPI_ISL_1063912	Laboratorio Biologia Molecolare Sars Cov2 - UOC Laboratorio Analisi - Servizio Medicina di Laboratorio, Ospedale "San Francesco" - ATS-ASSL Nuoro	Laboratorio specialistico UOC Ematologia - Ospedale "San Francesco" - ATS-ASSL Nuoro	Piras Giovanna, Asproni Rosanna, Malune Paolo, Fiamma Maura, Monne Maria Itria, Palmas Angelo Domenico, Lo Maglio Iana, Mamelì Giuseppe
EPI_ISL_1063990, EPI_ISL_1063991, EPI_ISL_1063992	Ministry of Health Turkey	Ministry of Health Turkey	Fatma Bayrakdar, Yasemin Cogun, Süleyman Yalcin, Aye Baak Alta, Gülay Korukluolu
EPI_ISL_1064001	Hospital Universitari Vall d'Hebron - Vall d'Hebron Institut de Recerca	Hospital Universitari Vall d'Hebron	Cristina Andrés, María Piñana, Josep F Abril, Damir Garcia-Cehic, Ariadna Rando, Juliana Esperalba, María Gema Codina, Carla Castillo, María Carmen Martín, Tomás Pumarola, Josep Quer, Andrés Antón
EPI_ISL_1064278	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_1064333, EPI_ISL_1064334, EPI_ISL_1064335, EPI_ISL_1064336, EPI_ISL_1064337, EPI_ISL_1064338, EPI_ISL_1064339, EPI_ISL_1064340, EPI_ISL_1064359, EPI_ISL_1064360, EPI_ISL_1064361, EPI_ISL_1064362, EPI_ISL_1064363, EPI_ISL_1064364, EPI_ISL_1064365, EPI_ISL_1064369			
see above	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_1064403	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1064423, EPI_ISL_1064424, EPI_ISL_1064425, EPI_ISL_1064426, EPI_ISL_1064427, EPI_ISL_1064430, EPI_ISL_1064431, EPI_ISL_1064432, EPI_ISL_1064433, EPI_ISL_1064434, EPI_ISL_1064435, EPI_ISL_1064436, EPI_ISL_1064437, EPI_ISL_1064440, EPI_ISL_1064441, EPI_ISL_1064442, EPI_ISL_1064443, EPI_ISL_1064444, EPI_ISL_1064445, EPI_ISL_1064446, EPI_ISL_1064447, EPI_ISL_1064450, EPI_ISL_1064456, EPI_ISL_1064459, EPI_ISL_1064460, EPI_ISL_1064461, EPI_ISL_1064462, EPI_ISL_1064463, EPI_ISL_1064464, EPI_ISL_1064466, EPI_ISL_1064471, EPI_ISL_1064472, EPI_ISL_1064473, EPI_ISL_1064474, EPI_ISL_1064476, EPI_ISL_1064479, EPI_ISL_1064480, EPI_ISL_1064481			
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_1064550	Unilabs AB, Klinisk mikrobiologi,	The Public Health Agency of Sweden	Oskar Karlsson Lindsjo, Maria Lind Karlberg, Carlo Berg, Anna-Malin Linde, Sofia Stamouli, Samuel Ohman, Reza Advani, Mattias Haukland, Petra Holmstrom, Noura Walai, Petra Edquist, Mia Brytting, Anna Risberg, Karin Tegmark-Wisell
EPI_ISL_1064583, EPI_ISL_1064584, EPI_ISL_1064587, EPI_ISL_1064588	Klinisk Mikrobiologi	The Public Health Agency of Sweden	Oskar Karlsson Lindsjo, Maria Lind Karlberg, Carlo Berg, Anna-Malin Linde, Sofia Stamouli, Samuel Ohman, Reza Advani, Mattias Haukland, Petra Holmstrom, Noura Walai, Petra Edquist, Mia Brytting, Anna Risberg, Karin Tegmark-Wisell
EPI_ISL_1064594, EPI_ISL_1064595, EPI_ISL_1064596, EPI_ISL_1064597, EPI_ISL_1064598, EPI_ISL_1064599, EPI_ISL_1064600, EPI_ISL_1064601, EPI_ISL_1064602, EPI_ISL_1064603, EPI_ISL_1064604, EPI_ISL_1064605, EPI_ISL_1064606			
see above	Klinisk mikrobiologi	The Public Health Agency of Sweden	Oskar Karlsson Lindsjo, Maria Lind Karlberg, Carlo Berg, Anna-Malin Linde, Sofia Stamouli, Samuel Ohman, Reza Advani, Mattias Haukland, Petra Holmstrom, Noura Walai, Petra Edquist, Mia Brytting, Anna Risberg, Karin Tegmark-Wisell
EPI_ISL_1064610	NPC	The Public Health Agency of Sweden	Oskar Karlsson Lindsjo, Maria Lind Karlberg, Carlo Berg, Anna-Malin Linde, Sofia Stamouli, Samuel Ohman, Reza Advani, Mattias Haukland, Petra Holmstrom, Noura Walai, Petra Edquist, Mia Brytting, Anna Risberg, Karin Tegmark-Wisell
EPI_ISL_1064625	Klinisk Mikrobiologi	The Public Health Agency of Sweden	Oskar Karlsson Lindsjo, Maria Lind Karlberg, Carlo Berg, Anna-Malin Linde, Sofia Stamouli, Samuel Ohman, Reza Advani, Mattias Haukland, Petra Holmstrom, Noura Walai, Petra Edquist, Mia Brytting, Anna Risberg, Karin Tegmark-Wisell
EPI_ISL_1064630, EPI_ISL_1064631, EPI_ISL_1064632, EPI_ISL_1064644, EPI_ISL_1064645, EPI_ISL_1064646, EPI_ISL_1064647, EPI_ISL_1064648, EPI_ISL_1064650, EPI_ISL_1064651, EPI_ISL_1064653, EPI_ISL_1064654, EPI_ISL_1064661, EPI_ISL_1064662, EPI_ISL_1064664, EPI_ISL_1064666, EPI_ISL_1064667, EPI_ISL_1064668, EPI_ISL_1064669, EPI_ISL_1064670, EPI_ISL_1064671, EPI_ISL_1064672, EPI_ISL_1064674, EPI_ISL_1064676, EPI_ISL_1064679, EPI_ISL_1064681			
see above	Klinisk mikrobiologi	The Public Health Agency of Sweden	Oskar Karlsson Lindsjo, Maria Lind Karlberg, Carlo Berg, Anna-Malin Linde, Sofia Stamouli, Samuel Ohman, Reza Advani, Mattias Haukland, Petra Holmstrom, Noura Walai, Petra Edquist, Mia Brytting, Anna Risberg, Karin Tegmark-Wisell
EPI_ISL_1064685, EPI_ISL_1064686, EPI_ISL_1064687, EPI_ISL_1064688, EPI_ISL_1064690	Unilabs Laboratoriemedicin	The Public Health Agency of Sweden	Oskar Karlsson Lindsjo, Maria Lind Karlberg, Carlo Berg, Anna-Malin Linde, Sofia Stamouli, Samuel Ohman, Reza Advani, Mattias Haukland, Petra Holmstrom, Noura Walai, Petra Edquist, Mia Brytting, Anna Risberg, Karin Tegmark-Wisell
EPI_ISL_1064696	Klinisk mikrobiologi	The Public Health Agency of Sweden	Oskar Karlsson Lindsjo, Maria Lind Karlberg, Carlo Berg, Anna-Malin Linde, Sofia Stamouli, Samuel Ohman, Reza Advani, Mattias Haukland, Petra Holmstrom, Noura Walai, Petra Edquist, Mia Brytting, Anna Risberg, Karin Tegmark-Wisell
EPI_ISL_1064699	Klinisk Mikrobiologi	The Public Health Agency of Sweden	Oskar Karlsson Lindsjo, Maria Lind Karlberg, Carlo Berg, Anna-Malin Linde, Sofia Stamouli, Samuel Ohman, Reza Advani, Mattias Haukland, Petra Holmstrom, Noura Walai, Petra Edquist, Mia Brytting, Anna Risberg, Karin Tegmark-Wisell
EPI_ISL_1064701, EPI_ISL_1064702	Mikrobiologen	The Public Health Agency of Sweden	Oskar Karlsson Lindsjo, Maria Lind Karlberg, Carlo Berg, Anna-Malin Linde, Sofia Stamouli, Samuel Ohman, Reza Advani, Mattias Haukland, Petra Holmstrom, Noura Walai, Petra Edquist, Mia Brytting, Anna Risberg, Karin Tegmark-Wisell
EPI_ISL_1064703, EPI_ISL_1064704	Klinisk mikrobiologi	The Public Health Agency of Sweden	Oskar Karlsson Lindsjo, Maria Lind Karlberg, Carlo Berg, Anna-Malin Linde, Sofia Stamouli, Samuel Ohman, Reza Advani, Mattias Haukland, Petra Holmstrom, Noura Walai, Petra Edquist, Mia Brytting, Anna Risberg, Karin Tegmark-Wisell
EPI_ISL_1064708	The Public Health Agency of Sweden	The Public Health Agency of Sweden	Oskar Karlsson Lindsjo, Maria Lind Karlberg, Carlo Berg, Anna-Malin Linde, Sofia Stamouli, Samuel Ohman, Reza Advani, Mattias Haukland, Petra Holmstrom, Noura Walai, Petra Edquist, Mia Brytting, Anna Risberg, Karin Tegmark-Wisell

EPI_ISL_1064710	Mikrobiologen	The Public Health Agency of Sweden	Oskar Karlsson Lindsjo, Maria Lind Karlberg, Carlo Berg, Anna-Malin Linde, Sofia Stamouli, Samuel Ohman, Reza Advani, Mattias Haukland, Petra Holmstrom, Noura Walai, Petra Edquist, Mia Brytting, Anna Risberg, Karin Tegmark-Wisell
EPI_ISL_1064779	DOHMH Chelsea	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064781	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064783	OCME Office Of Chief Medical Examiner	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064784	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064785	DOHMH Fort Greene	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064787	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064788	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064789	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064792	OCME Office Of Chief Medical Examiner	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064794	DOHMH Fort Greene	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064798	DOHMH Crown Heights	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064799	DOHMH PHL	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064800	NYC HH Elmhurst Hospital Medical Center	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064820	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064822	DOHMH PHL	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064824	DOHMH Crown Heights	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064825	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064826	DOHMH PHL	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064827	Department of Homeless Services	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064830	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064834	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064835	DOHMH Crown Heights	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064837, EPI_ISL_1064838, EPI_ISL_1064839	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064847	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064848	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064849, EPI_ISL_1064850	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064852	Department of Homeless Services	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064855, EPI_ISL_1064856, EPI_ISL_1064857	OCME Office Of Chief Medical Examiner	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064858	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064859, EPI_ISL_1064860	DOHMH PHL	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064861, EPI_ISL_1064862	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064864	OCME Office Of Chief Medical Examiner	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064867	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064870	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064872	DOHMH Chelsea	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064874	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064875	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064881, EPI_ISL_1064882	OCME Office Of Chief Medical Examiner	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064883	DOHMH Crown Heights	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064886	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064887	DOHMH PHL	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064890	DOHMH Crown Heights	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064891	DOHMH Fort Greene	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064893	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064896	DOHMH Chelsea	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064897	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064898	Department of Homeless Services	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064899, EPI_ISL_1064900, EPI_ISL_1064902, EPI_ISL_1064903	OCME Office Of Chief Medical Examiner	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064906	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064908	DOHMH Riverside	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064914	OCME Office Of Chief Medical Examiner	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064979	University of New Mexico Hospital	Center for Global Health, University of New Mexico Health Sciences Center	Daryl Domman, Kurt Schwalm, Justin Bacca, Jon Femling, Darrell Dinwiddie
EPI_ISL_1065098, EPI_ISL_1065102, EPI_ISL_1065104, EPI_ISL_1065106, EPI_ISL_1065107, EPI_ISL_1065108, EPI_ISL_1065118, EPI_ISL_1065121, EPI_ISL_1065122, EPI_ISL_1065123, EPI_ISL_1065124, EPI_ISL_1065129, EPI_ISL_1065130, EPI_ISL_1065131, EPI_ISL_1065136, EPI_ISL_1065139, EPI_ISL_1065140, EPI_ISL_1065141, EPI_ISL_1065142, EPI_ISL_1065146, EPI_ISL_1065148, EPI_ISL_1065150, EPI_ISL_1065151, EPI_ISL_1065155, EPI_ISL_1065157, EPI_ISL_1065159, EPI_ISL_1065160, EPI_ISL_1065163, EPI_ISL_1065164, EPI_ISL_1065165, EPI_ISL_1065166, EPI_ISL_1065167, EPI_ISL_1065168, EPI_ISL_1065173, EPI_ISL_1065174, EPI_ISL_1065176, EPI_ISL_1065178, EPI_ISL_1065179, EPI_ISL_1065180, EPI_ISL_1065181, EPI_ISL_1065184, EPI_ISL_1065186, EPI_ISL_1065190, EPI_ISL_1065192, EPI_ISL_1065195, EPI_ISL_1065197, EPI_ISL_1065199, EPI_ISL_1065201, EPI_ISL_1065203, EPI_ISL_1065204, EPI_ISL_1065205,			



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EPI_ISL_1073911, EPI_ISL_1073912		Lab voor klinische biologie	Lab voor klinische biologie	Marija Janevska, Hannelore Hamerlinck, Bruno Verhasselt
EPI_ISL_1073920		Medical Microbiology Unit, Department for Laboratory Medicine, Drammen Hospital, Vestre Viken Health Trust,	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1073921, EPI_ISL_1073922		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, Engebretsen Serina Beate Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1073926		Akershus University Hospital, Department for Microbiology and Infectious Disease Control	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1073927, EPI_ISL_1073929		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, Engebretsen Serina Beate Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1073930		Akershus University Hospital, Department for Microbiology and Infectious Disease Control	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1073931		Furst Medical Laboratory	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1073933		Akershus University Hospital, Department for Microbiology and Infectious Disease Control	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1073937		Medical Microbiology Unit, Department for Laboratory Medicine, Drammen Hospital, Vestre Viken Health Trust,	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1073939		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, Engebretsen Serina Beate Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1073942		Department of Medical Microbiology, St. Olavs hospital	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1073943		Akershus University Hospital, Department for Microbiology and Infectious Disease Control	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1073944, EPI_ISL_1073945		Department of Medical Microbiology - section Molde, Molde Hospital	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1073946		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, Engebretsen Serina Beate Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1073951		Akershus University Hospital, Department for Microbiology and Infectious Disease Control	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1073952		Furst Medical Laboratory	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1075267		Instituto Nacional de Medicina Genomica	Instituto Nacional de Medicina Genomica	Hidalgo-Miranda A, Mendoza-Vargas A, Reyes-Grajeda JP, Cedro-Tanda A, Alcaraz N, Gonzalez-Barrera D, Rangel-DeLeon D, Ramirez-Vega O, Sifuentes-Rojas C, Cisneros-Villanueva M, Herrera-Montalvo LA
EPI_ISL_1076371, EPI_ISL_1076373, EPI_ISL_1076376		SYNLAB - Laboratoire J. Collard	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Nathalie Renotte, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_1076380		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_1076381		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_1076385, EPI_ISL_1076387, EPI_ISL_1076388, EPI_ISL_1076391		SYNLAB - Laboratoire J. Collard	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Nathalie Renotte, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_1076398		CHR de La Citadelle	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_1076408, EPI_ISL_1076422, EPI_ISL_1076428, EPI_ISL_1076429		SYNLAB - Laboratoire J. Collard	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Nathalie Renotte, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_1076438		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_1076443		SYNLAB - Laboratoire J. Collard	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Nathalie Renotte, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_1076449, EPI_ISL_1076450, EPI_ISL_1076452, EPI_ISL_1076453, EPI_ISL_1076455, EPI_ISL_1076456, EPI_ISL_1076459		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_1078995, EPI_ISL_1078996, EPI_ISL_1078997, EPI_ISL_1078999, EPI_ISL_1079000, EPI_ISL_1079004, EPI_ISL_1079006, EPI_ISL_1079159, EPI_ISL_1079165		IAL Regional de Bauru	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_1079993		Ospedale S.M. Goretti di Latina - ASL Latina presidio ospedaliero Nord	INMI Lazzaro Spallanzani IRCCS	B Bartolini, E Giombini, F Messina, O Butera, M Rueca, CEM Gruber, L Di Biase, A Lucci, A Di Caro, MR Capobianchi
EPI_ISL_1079994		Azienda Ospedaliera San Camillo Forlanini	INMI Lazzaro Spallanzani IRCCS	O Butera, E Giombini, F Messina, M Rueca, CEM Gruber, B Bartolini, G Parisi, MI Consalvo, MR Capobianchi, A Di Caro
EPI_ISL_1079995		INMI Lazzaro Spallanzani IRCCS	INMI Lazzaro Spallanzani IRCCS	E Giombini, F Messina, M Rueca, O Butera, CEM Gruber, B Bartolini, A Di Caro, MR Capobianchi
EPI_ISL_1079996		Ospedale Sandro Pertini ASL Roma2	INMI Lazzaro Spallanzani IRCCS	F Messina, M Rueca, O Butera, CEM Gruber, B Bartolini, E Giombini, MC Cava, G Cappiello, MR Capobianchi, A Di Caro



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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 Pegéot, Melyssa Elies, Deborah Penet, Keith Harshman, Ioannis Xenarios, Emmanouil Dermitzakis
EPI_ISL_1085370	CHR METZ THIONVILLE Hôpital de Mercy	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_1085387, EPI_ISL_1085389, EPI_ISL_1085391	Hôpital Henri Mondor	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky
EPI_ISL_1085393, EPI_ISL_1085394	CH.INTERCOMMUNAL DE CRETEIL	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky
EPI_ISL_1085399, EPI_ISL_1085400	Hôpital Henri Mondor	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky
EPI_ISL_1085405	CRICQUEBOEUF Cerballiance Normandie	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky
EPI_ISL_1085408	C.H du Cotentin	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_1085411	CHU. COTE DE NACRE	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
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EPI_ISL_1085416	E.F.S B.F.C JEAN MINJOZ	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
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EPI_ISL_1085419	E.F.S B.F.C JEAN MINJOZ	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
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EPI_ISL_1085421	Instituto Nacional de Medicina Genomica	Instituto Nacional de Medicina Genomica	Hidalgo-Miranda A, Mendoza-Vargas A, Reyes-Grajeda JP, Cedro-Tanda A, Alcaraz N, Gonzalez-Barrera D, Rangel-DeLeon D, Ramirez-Vega O, Sifuentes-Rojas C, Cisneros-Villanueva M, Herrera-Montalvo LA
EPI_ISL_1085459	Groupe LCD	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_1085519, EPI_ISL_1085521, EPI_ISL_1085522	CH. DE LILLE	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_1085535, EPI_ISL_1085536	CHI VILLENEUVE ST GEORGES	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky
EPI_ISL_1085541	Hôpital Henri Mondor	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky
EPI_ISL_1085543, EPI_ISL_1085548	CHI VILLENEUVE ST GEORGES	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky
EPI_ISL_1085550, EPI_ISL_1085551	CH.INTERCOMMUNAL DE CRETEIL	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky
EPI_ISL_1085593	Hôpital Henri Mondor	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky
EPI_ISL_1085645	CH.INTERCOMMUNAL DE CRETEIL	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky

		Créteil, INSERM U955	
EPI_ISL_1085646, EPI_ISL_1085647, EPI_ISL_1085648, EPI_ISL_1085650, EPI_ISL_1085651	Hôpital Henri Mondor	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky
EPI_ISL_1085652	CH.INTERCOMMUNAL DE CRETEIL	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky
EPI_ISL_1085653, EPI_ISL_1085654	CHI VILLENEUVE ST GEORGES	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky
EPI_ISL_1085655, EPI_ISL_1085656, EPI_ISL_1085658, EPI_ISL_1085660	Hôpital Henri Mondor	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky
EPI_ISL_1085662	CH.INTERCOMMUNAL DE CRETEIL	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky
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see above	Hôpital Henri Mondor	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky
EPI_ISL_1085916	Hôpital Armand-Trousseau	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky
EPI_ISL_1085922, EPI_ISL_1085924	Hôpital Ambroise-Paré	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_1085925, EPI_ISL_1085927	Hôpital Avicenne	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky
EPI_ISL_1085929	Hôpital Henri Mondor	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky
EPI_ISL_1085930	SELAS BC-LAB	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky
EPI_ISL_1085932	CH.de LONS LE SAUNIER	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_1085933	LBM NEVERS	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_1085934, EPI_ISL_1085935	Besançon Laboratoire CBM25 Terre Rouge	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_1085936	Hôpital Bichat-Claude Bernard	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_1085937	Hôpital Saint-Louis	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_1085938, EPI_ISL_1085939, EPI_ISL_1085940	CH. CHU DE REIMS	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_1085941, EPI_ISL_1085942, EPI_ISL_1085943, EPI_ISL_1085944	Hôpital Henri Mondor	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky
EPI_ISL_1085947	Hôpital Armand-Trousseau	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky
EPI_ISL_1086050, EPI_ISL_1086051, EPI_ISL_1086055, EPI_ISL_1086056	IAL Regional de Bauru	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos, Caio Vinicius Dias Lopes
EPI_ISL_1086409, EPI_ISL_1086552, EPI_ISL_1086560, EPI_ISL_1086569, EPI_ISL_1086572, EPI_ISL_1086573, EPI_ISL_1086575, EPI_ISL_1086588, EPI_ISL_1086592, EPI_ISL_1086597, EPI_ISL_1086618, EPI_ISL_1086626, EPI_ISL_1086634, EPI_ISL_1086639, EPI_ISL_1086641, EPI_ISL_1086650, EPI_ISL_1086659, EPI_ISL_1086661, EPI_ISL_1086664, EPI_ISL_1087414, EPI_ISL_1087417, EPI_ISL_1087418, EPI_ISL_1087419, EPI_ISL_1087421, EPI_ISL_1087423, EPI_ISL_1087424, EPI_ISL_1087425, EPI_ISL_1087426, EPI_ISL_1087427, EPI_ISL_1087428, EPI_ISL_1087429, EPI_ISL_1087430, EPI_ISL_1087431, EPI_ISL_1087432, EPI_ISL_1087433, EPI_ISL_1087434, EPI_ISL_1087435, EPI_ISL_1087437, EPI_ISL_1087439, EPI_ISL_1087441, EPI_ISL_1087447, EPI_ISL_1087449, EPI_ISL_1087450, EPI_ISL_1087452, EPI_ISL_1087453, EPI_ISL_1087455, EPI_ISL_1087456, EPI_ISL_1087457, EPI_ISL_1087458, EPI_ISL_1087459, EPI_ISL_1087460, EPI_ISL_1087461, EPI_ISL_1087462, EPI_ISL_1087463, EPI_ISL_1087464, EPI_ISL_1087468, EPI_ISL_1087471, EPI_ISL_1087472, EPI_ISL_1087473, EPI_ISL_1087474, EPI_ISL_1087475, EPI_ISL_1087477, EPI_ISL_1087479, EPI_ISL_1087480, EPI_ISL_1087481, EPI_ISL_1087482, EPI_ISL_1087484, EPI_ISL_1087487, EPI_ISL_1087488, EPI_ISL_1087489, EPI_ISL_1087491, EPI_ISL_1087492, EPI_ISL_1087493, EPI_ISL_1087494, EPI_ISL_1087495, EPI_ISL_1087497, EPI_ISL_1087498, EPI_ISL_1087499, EPI_ISL_1087500, EPI_ISL_1087501, EPI_ISL_1087502, EPI_ISL_1087503, EPI_ISL_1087505, EPI_ISL_1087507, EPI_ISL_1087508, EPI_ISL_1087509, EPI_ISL_1087510, EPI_ISL_1087511, EPI_ISL_1087519, EPI_ISL_1087520, EPI_ISL_1087523, EPI_ISL_1087526, EPI_ISL_1087527, EPI_ISL_1087528, EPI_ISL_1087529, EPI_ISL_1087531, EPI_ISL_1087532, EPI_ISL_1087534, E			







EPI_ISL_1094721, EPI_ISL_1094722	NV State Public Health Laboratory	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1094731, EPI_ISL_1094733	OR State PHL-Virology/Immunology Section	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1094756, EPI_ISL_1094757, EPI_ISL_1094766, EPI_ISL_1094767	WA State Department of Health	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1094884, EPI_ISL_1094886	LA Office of Public Health Laboratories	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1095095	MI - Michigan Department of Health and Human Services - Bureau of Laboratories	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1095205, EPI_ISL_1095206, EPI_ISL_1095207, EPI_ISL_1095208	WI State Laboratory of Hygiene	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1095307, EPI_ISL_1095308, EPI_ISL_1095309, EPI_ISL_1095310, EPI_ISL_1095311, EPI_ISL_1095312, EPI_ISL_1095313, EPI_ISL_1095315	SC Dept of Health and Env. Control-Bureau of Laboratories	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1095376	Istituto Zooprofilattico Sperimentale del Mezzogiorno	Lab. Microbiologia e Virologia, Cotugno, A.O. dei Colli	Luigi Atripaldi, Claudia Tiberio, Anna Perfetti, Pellegrino Cerino, Biancamaria Pierri, Maria Concetta Cuomo
EPI_ISL_1095384	Laboratorio Microbiologia e Virologia P.O. Cotugno A.O. dei Colli	Laboratorio Microbiologia e Virologia P.O. Cotugno A.O. dei Colli	Luigi Atripaldi, Claudia Tiberio, Anna Perfetti, Pellegrino Cerino, Biancamaria Pierri, Maria Concetta Cuomo
EPI_ISL_1095386, EPI_ISL_1095393, EPI_ISL_1095401, EPI_ISL_1095405, EPI_ISL_1095406	Istituto Zooprofilattico Sperimentale del Mezzogiorno	Lab. Microbiologia e Virologia, Cotugno, A.O. dei Colli	Luigi Atripaldi, Claudia Tiberio, Anna Perfetti, Pellegrino Cerino, Biancamaria Pierri, Maria Concetta Cuomo
EPI_ISL_1095408, EPI_ISL_1095409, EPI_ISL_1095410, EPI_ISL_1095411, EPI_ISL_1095412, EPI_ISL_1095413, EPI_ISL_1095414, EPI_ISL_1095415, EPI_ISL_1095417, EPI_ISL_1095418, EPI_ISL_1095419, EPI_ISL_1095420, EPI_ISL_1095421, EPI_ISL_1095423, EPI_ISL_1095424, EPI_ISL_1095427, EPI_ISL_1095429, EPI_ISL_1095434, EPI_ISL_1095438, EPI_ISL_1095445, EPI_ISL_1095446, EPI_ISL_1095447, EPI_ISL_1095448	see above	see above	see above
EPI_ISL_1095496, EPI_ISL_1095498, EPI_ISL_1095499, EPI_ISL_1095500, EPI_ISL_1095501, EPI_ISL_1095503, EPI_ISL_1095504, EPI_ISL_1095505, EPI_ISL_1095506, EPI_ISL_1095507, EPI_ISL_1095508, EPI_ISL_1095509, EPI_ISL_1095510, EPI_ISL_1095511, EPI_ISL_1095512, EPI_ISL_1095513, EPI_ISL_1095514, EPI_ISL_1095515	see above	see above	see above
EPI_ISL_1095519, EPI_ISL_1095520, EPI_ISL_1095521, EPI_ISL_1095525, EPI_ISL_1095527, EPI_ISL_1095529, EPI_ISL_1095530, EPI_ISL_1095532, EPI_ISL_1095535, EPI_ISL_1095536, EPI_ISL_1095537, EPI_ISL_1095540, EPI_ISL_1095544, EPI_ISL_1095546, EPI_ISL_1095548, EPI_ISL_1095549, EPI_ISL_1095551, EPI_ISL_1095552, EPI_ISL_1095553, EPI_ISL_1095557, EPI_ISL_1095560, EPI_ISL_1095562, EPI_ISL_1095563, EPI_ISL_1095564, EPI_ISL_1095565, EPI_ISL_1095566, EPI_ISL_1095568, EPI_ISL_1095573, EPI_ISL_1095574, EPI_ISL_1095575, EPI_ISL_1095576, EPI_ISL_1095577, EPI_ISL_1095578, EPI_ISL_1095579, EPI_ISL_1095580, EPI_ISL_1095581, EPI_ISL_1095582, EPI_ISL_1095583, EPI_ISL_1095584, EPI_ISL_1095586, EPI_ISL_1095587, EPI_ISL_1095588, EPI_ISL_1095589, EPI_ISL_1095590, EPI_ISL_1095591, EPI_ISL_1095592, EPI_ISL_1095593, EPI_ISL_1095594, EPI_ISL_1095595, EPI_ISL_1095597, EPI_ISL_1095598, EPI_ISL_1095600, EPI_ISL_1095601, EPI_ISL_1095602, EPI_ISL_1095603, EPI_ISL_1095604, EPI_ISL_1095605, EPI_ISL_1095606, EPI_ISL_1095607, EPI_ISL_1095608, EPI_ISL_1095609	see above	see above	see above
EPI_ISL_1096033, EPI_ISL_1096035, EPI_ISL_1096043, EPI_ISL_1096044, EPI_ISL_1096047, EPI_ISL_1096049, EPI_ISL_1096054, EPI_ISL_1096060, EPI_ISL_1096061, EPI_ISL_1096069, EPI_ISL_1096070, EPI_ISL_1096072, EPI_ISL_1096073, EPI_ISL_1096075, EPI_ISL_1096079, EPI_ISL_1096081, EPI_ISL_1096082, EPI_ISL_1096084, EPI_ISL_1096090, EPI_ISL_1096093, EPI_ISL_1096094, EPI_ISL_1096095, EPI_ISL_1096104, EPI_ISL_1096105, EPI_ISL_1096108, EPI_ISL_1096111	see above	see above	see above
EPI_ISL_1096126, EPI_ISL_1096128, EPI_ISL_1096129, EPI_ISL_1096130, EPI_ISL_1096133	see above	see above	see above
EPI_ISL_1096137, EPI_ISL_1096138	Ohio State University Wexner Medical Center	James Molecular Laboratory	Huolin Tu, Pamela Snyder, Zachary Rudy, Sara Koenig, Saran Corcoran, Keelie Thomas, Preeti Pancholi, Dan Jones
EPI_ISL_1096156, EPI_ISL_1096157, EPI_ISL_1096159, EPI_ISL_1096160, EPI_ISL_1096161, EPI_ISL_1096162, EPI_ISL_1096163, EPI_ISL_1096164, EPI_ISL_1096165, EPI_ISL_1096166	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 Bienkowska-Szewczyk
EPI_ISL_1096168, EPI_ISL_1096169	Medical Laboratory Bruss	Laboratory of Recombinant Vaccines	Lukasz Rabalski, Maciej Kosinski, Maciej Grzybek, Pawel Pisarek, Boguslaw Szewczyk, Krystyna Bienkowska-Szewczyk
EPI_ISL_1096170, EPI_ISL_1096171, EPI_ISL_1096172, EPI_ISL_1096173, EPI_ISL_1096174, EPI_ISL_1096175, EPI_ISL_1096176, EPI_ISL_1096177, EPI_ISL_1096178, EPI_ISL_1096179, EPI_ISL_1096180, EPI_ISL_1096181, EPI_ISL_1096182, EPI_ISL_1096183, EPI_ISL_1096184, EPI_ISL_1096185, EPI_ISL_1096186, EPI_ISL_1096187, EPI_ISL_1096188, EPI_ISL_1096189, EPI_ISL_1096190, EPI_ISL_1096191, EPI_ISL_1096192, EPI_ISL_1096193, EPI_ISL_1096194, EPI_ISL_1096195	see above	see above	see above
EPI_ISL_1096196, EPI_ISL_1096197, EPI_ISL_1096198	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 Bienkowska-Szewczyk
EPI_ISL_1096204, EPI_ISL_1096205, EPI_ISL_1096206, EPI_ISL_1096207, EPI_ISL_1096208, EPI_ISL_1096209	Medical Laboratory Bruss	Laboratory of Recombinant Vaccines	Lukasz Rabalski, Maciej Kosinski, Maciej Grzybek, Pawel Pisarek, Boguslaw Szewczyk, Krystyna Bienkowska-Szewczyk
EPI_ISL_1096210, EPI_ISL_1096211, EPI_ISL_1096212, EPI_ISL_1096214	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 Bienkowska-Szewczyk
EPI_ISL_1096216, EPI_ISL_1096217, EPI_ISL_1096219, EPI_ISL_1096220, EPI_ISL_1096221, EPI_ISL_1096225, EPI_ISL_1096226, EPI_ISL_1096227	Medical Laboratory Bruss	Laboratory of Recombinant Vaccines	Lukasz Rabalski, Maciej Kosinski, Maciej Grzybek, Pawel Pisarek, Boguslaw Szewczyk, Krystyna Bienkowska-Szewczyk
EPI_ISL_1096229, EPI_ISL_1096232	National Virus Reference Laboratory	National Virus Reference Laboratory	Zoe Yandle, Charlene Bennet, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun
EPI_ISL_1096234, EPI_ISL_1096235	Laboratorio Microbiologia e Virologia P.O. Cotugno A.O. dei Colli	Laboratorio Microbiologia e Virologia P.O. Cotugno A.O. dei Colli	Luigi Atripaldi, Claudia Tiberio, Anna Perfetti, Pellegrino Cerino, Biancamaria Pierri, Maria Concetta Cuomo
EPI_ISL_1096236, EPI_ISL_1096237, EPI_ISL_1096238, EPI_ISL_1096239, EPI_ISL_1096240, EPI_ISL_1096241	Outre mer	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Rousset Dominique
	Research	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, Leruez-Ville Marianne

EPI_ISL_1096242	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Martres Pascale	
EPI_ISL_1096243	Labo Analyses Med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Martres Pascale	
EPI_ISL_1096244	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Martres Pascale	
EPI_ISL_1096245, EPI_ISL_1096246	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,Cariou Marie-Estelle	
EPI_ISL_1096248	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,Guinard Jérôme	
EPI_ISL_1096250, EPI_ISL_1096251, EPI_ISL_1096252	Labo Analyses Med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf	
EPI_ISL_1096253	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Hochart A	
EPI_ISL_1096254	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,Bisiau H	
EPI_ISL_1096255, EPI_ISL_1096256	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Farfour Eric	
EPI_ISL_1096259	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,Castelain Sandrine	
EPI_ISL_1096263, EPI_ISL_1096267	Research	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,Leruez-Ville Marianne	
EPI_ISL_1096268	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,Coignard Catherine	
EPI_ISL_1096273	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,Cariou Marie-Estelle	
EPI_ISL_1096274	Research	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,Leruez-Ville Marianne	
EPI_ISL_1096275	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,Lagathu Gisèle	
EPI_ISL_1096276, EPI_ISL_1096277	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,Cariou Marie-Estelle	
EPI_ISL_1096281, EPI_ISL_1096290, EPI_ISL_1096296, EPI_ISL_1096298, EPI_ISL_1096300, EPI_ISL_1096301, EPI_ISL_1096302	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,Guinard Jérôme	
EPI_ISL_1096303	Labo Analyses Med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf	
EPI_ISL_1096305, EPI_ISL_1096306, EPI_ISL_1096307, EPI_ISL_1096308	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,Castelain Sandrine	
EPI_ISL_1096309, EPI_ISL_1096310, EPI_ISL_1096311, EPI_ISL_1096312	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Hochart A	
EPI_ISL_1096313, EPI_ISL_1096314, EPI_ISL_1096315, EPI_ISL_1096316	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,Fiorina Jc	
EPI_ISL_1096317, EPI_ISL_1096318, EPI_ISL_1096320	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,Bisiau H	
EPI_ISL_1096329, EPI_ISL_1096330, EPI_ISL_1096332, EPI_ISL_1096333	Research	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,Leruez-Ville Marianne	
EPI_ISL_1096334	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,LefeuvreCaroline	
EPI_ISL_1096347, EPI_ISL_1096348	Cambodian National Public Health Laboratory, National Institute of Public Health	Virology Unit, Institut Pasteur du Cambodge	Sokhoun Yann, Ly Sovann, Kraing Sidonn, Yi Sengdoeurm, Chin Savuth, Chau Darapheap, Veasna Duong, Erik A Karlsson	
EPI_ISL_1096982, EPI_ISL_1096991, EPI_ISL_1096996, EPI_ISL_1096998, EPI_ISL_1097004, EPI_ISL_1097005, EPI_ISL_1097008, EPI_ISL_1097009, EPI_ISL_1097010, EPI_ISL_1097011, EPI_ISL_1097012, EPI_ISL_1097013, EPI_ISL_1097015	see above	Laboratorio Microbiologia e Virologia P.O. Cotugno A.O. dei Colli	Luigi Atripaldi, Claudia Tiberio, Anna Perfetti, Pellegrino Cerino, Biancamaria Pierri, Maria Concetta Cuomo	
EPI_ISL_1097016	Laboratorio Microbiologia e Virologia P.O. Cotugno A.O. dei Colli	Laboratorio Microbiologia e Virologia P.O. Cotugno A.O. dei Colli	Luigi Atripaldi, Claudia Tiberio, Anna Perfetti, Pellegrino Cerino, Biancamaria Pierri, Maria Concetta Cuomo	
EPI_ISL_1097017	Laboratorio Microbiologia e Virologia P.O. Cotugno A.O. dei Colli	Laboratorio Microbiologia e Virologia P.O. Cotugno A.O. dei Colli	Luigi Atripaldi, Claudia Tiberio, Anna Perfetti, Pellegrino Cerino, Biancamaria Pierri, Maria Concetta Cuomo	
EPI_ISL_1097018	Baylor Scott & White-Temple	Baylor Scott & White-Temple	Ari Rao, Linden Morales, Kimberly Walker, Marcus Volz, Shelby Hendrickson	
EPI_ISL_1097019, EPI_ISL_1097021, EPI_ISL_1097022	Laboratorio Microbiologia e Virologia P.O. Cotugno A.O. dei Colli	Laboratorio Microbiologia e Virologia P.O. Cotugno A.O. dei Colli	Luigi Atripaldi, Claudia Tiberio, Anna Perfetti, Pellegrino Cerino, Biancamaria Pierri, Maria Concetta Cuomo	
EPI_ISL_1097040, EPI_ISL_1097041, EPI_ISL_1097042, EPI_ISL_1097043, EPI_ISL_1097044, EPI_ISL_1097045, EPI_ISL_1097046, EPI_ISL_1097051, EPI_ISL_1097056, EPI_ISL_1097057, EPI_ISL_1097058, EPI_ISL_1097059, EPI_ISL_1097071, EPI_ISL_1097074, EPI_ISL_1097077, EPI_ISL_1097078, EPI_ISL_1097080, EPI_ISL_1097082, EPI_ISL_1097083, EPI_ISL_1097085, EPI_ISL_1097087, EPI_ISL_1097088, EPI_ISL_1097089, EPI_ISL_1097090, EPI_ISL_1097095, EPI_ISL_1097097, EPI_ISL_1097099, EPI_ISL_1097100, EPI_ISL_1097103, EPI_ISL_1097105, EPI_ISL_1097106, EPI_ISL_1097109, EPI_ISL_1097110, EPI_ISL_1097111, EPI_ISL_1097113, EPI_ISL_1097114, EPI_ISL_1097115, EPI_ISL_1097116, EPI_ISL_1097117, EPI_ISL_1097118, EPI_ISL_1097119, EPI_ISL_1097120, EPI_ISL_1097121, EPI_ISL_1097122, EPI_ISL_1097124, EPI_ISL_1097169, EPI_ISL_1097173, EPI_ISL_1097182, EPI_ISL_1097183, EPI_ISL_1097204, EPI_ISL_1097207, EPI_ISL_1097208, EPI_ISL_1097213, EPI_ISL_1097216, EPI_ISL_1097217, EPI_ISL_1097218, EPI_ISL_1097219, EPI_ISL_1097220, EPI_ISL_1097221, EPI_ISL_1097230, EPI_ISL_1097232, EPI_ISL_1097233, EPI_ISL_1097234, EPI_ISL_1097235, EPI_ISL_1097236, EPI_ISL_1097237, EPI_ISL_1097238, EPI_ISL_1097239, EPI_ISL_1097243, EPI_ISL_1097244, EPI_ISL_1097245, EPI_ISL_1097246, EPI_ISL_1097247, EPI_ISL_1097249, EPI_ISL_1097250, EPI_ISL_1097251, EPI_ISL_1097252, EPI_ISL_1097253, EPI_ISL_1097254, EPI_ISL_1097255, EPI_ISL_1097256, EPI_ISL_1097258, EPI_ISL_1097259, EPI_ISL_1097260, EPI_ISL_1097261, EPI_ISL_1097262, EPI_ISL_1097264, EPI_ISL_1097265, EPI_ISL_1097266, EPI_ISL_1097268, EPI_ISL_1097269, EPI_ISL_1097270, EPI_ISL_1097271, EPI_ISL_1097272, EPI_ISL_1097275, EPI_ISL_1097276, EPI_ISL_1097277, EPI_ISL_1097278, EPI_ISL_1097279, EPI_ISL_1097280, EPI_ISL_1097281, EPI_ISL_1097282, EPI_ISL_1097283, EPI_ISL_1097285, EPI_ISL_1097286, EPI_ISL_1097288, EPI_ISL_1097289, EPI_ISL_1097291, EPI_ISL_1097292, EPI_ISL_1097293, EPI_ISL_1097294, EPI_ISL_1097295, EPI_ISL_1097297, EPI_ISL_1097300, EPI_ISL_1097303, EPI_ISL_1097304	see above	Ministry of Health Turkey	Ministry of Health Turkey	Fatma Bayraktar, Yasemin Cosgun, Suleyman Yalcin, Gulay Korukluoglu
EPI_ISL_1097525, EPI_ISL_1097526, EPI_ISL_1097533, EPI_ISL_1097534, EPI_ISL_1097535, EPI_ISL_1097544, EPI_ISL_1097546, EPI_ISL_1097548, EPI_ISL_1097554, EPI_ISL_1097558, EPI_ISL_1097559, EPI_ISL_1097560, EPI_ISL_1097563, EPI_ISL_1097564, EPI_ISL_1097581, EPI_ISL_1097596, EPI_ISL_1097625				



























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Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of Sheffield		Laura Carrilero, Alex Keeley, Dave Partridge, Matthew Wyles, Benjamin Lindsey, Mehmet Yavuz, Mohammad Raza, Cariad Evans		
EPI_ISL_1109392	AZ Klina	AZ Klina	Dr. C. Vael	
EPI_ISL_1109490, EPI_ISL_1109491	Public Health Institute of Šibenik-Knin County	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak	
EPI_ISL_1109492, EPI_ISL_1109493, EPI_ISL_1109494	University Hospital for Infectious Diseases	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak	
EPI_ISL_1109495, EPI_ISL_1109496, EPI_ISL_1109498, EPI_ISL_1109499	Croatian Institute of Public Health	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak	
EPI_ISL_1109506, EPI_ISL_1109507	University Hospital for Infectious Diseases	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak	
EPI_ISL_1109508	Public Health Institute of Meimurje County	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak	
EPI_ISL_1109509	Public Health Institute of Šibenik-Knin County	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak	
EPI_ISL_1109510, EPI_ISL_1109511	Croatian Institute of Public Health	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak	
EPI_ISL_1109530, EPI_ISL_1109534, EPI_ISL_1109535, EPI_ISL_1109536	University Hospital for Infectious Diseases	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak	
EPI_ISL_1109537, EPI_ISL_1109539	Croatian Institute of Public Health	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak	
EPI_ISL_1109540, EPI_ISL_1109541, EPI_ISL_1109542, EPI_ISL_1109544, EPI_ISL_1109545, EPI_ISL_1109546	Public Health Institute of Šibenik-Knin County	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak	
EPI_ISL_1109548	Croatian Institute of Public Health	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak	
EPI_ISL_1109549, EPI_ISL_1109550, EPI_ISL_1109551, EPI_ISL_1109552	"Dr. Andrija Stampar" Teaching Institute of Public Health	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak	
EPI_ISL_1109553, EPI_ISL_1109554	Croatian Institute of Public Health	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak	
EPI_ISL_1109555, EPI_ISL_1109557	"Dr. Andrija Stampar" Teaching Institute of Public Health	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak	
EPI_ISL_1109558, EPI_ISL_1109559, EPI_ISL_1109560, EPI_ISL_1109561, EPI_ISL_1109562	University Hospital for Infectious Diseases	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak	
EPI_ISL_1109563	Croatian Institute of Public Health	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak	
EPI_ISL_1109564	Public Health Institute of Meimurje County	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak	
EPI_ISL_1109566, EPI_ISL_1109567, EPI_ISL_1109568, EPI_ISL_1109569, EPI_ISL_1109570	Public Health Institute of Šibenik-Knin County	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak	
EPI_ISL_1109571, EPI_ISL_1109572	Croatian Institute of Public Health	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak	
EPI_ISL_1109631	AZ Klina	AZ Klina	Dr. C. Vael	
EPI_ISL_1109633	INNO Diagnostics Reference Laboratory	RCMI-Center for Research Resources, Ponce Research Institute	Vanessa Rivera-Amill, Andrea Arias-García, Raphael Sánchez-Torres	
EPI_ISL_1109640, EPI_ISL_1109643, EPI_ISL_1109644	Althaiia. Xarxa Assistencial Universitària de Manresa	IrsiCaixa - Can Ruti CovidSeq	Marc Noguera-Julian, Mariona Parera, Maria Casadellà, Pilar Armengol, Francesc Catala-Moll, Roger Paredes, Bonaventura Clotet Gloria Trujillo, Rafel Perez Vidal, Jaume Trape Pujol, Carolina Gonzalez Fernandez, Roger Paredes, Eulalia Grau, Bonaventura Clotet	
EPI_ISL_1109811, EPI_ISL_1109813, EPI_ISL_1109815, EPI_ISL_1109819, EPI_ISL_1109821, EPI_ISL_1109823, EPI_ISL_1109824, EPI_ISL_1109828, EPI_ISL_1109829, EPI_ISL_1109830, EPI_ISL_1109833, EPI_ISL_1109834, EPI_ISL_1109835, EPI_ISL_1109836, EPI_ISL_1109837, EPI_ISL_1109838, EPI_ISL_1109839, EPI_ISL_1109842, EPI_ISL_1109843, EPI_ISL_1109865, EPI_ISL_1109878, EPI_ISL_1109879, EPI_ISL_1109881, EPI_ISL_1109883, EPI_ISL_1109884, EPI_ISL_1109886, EPI_ISL_1109887, EPI_ISL_1109889, EPI_ISL_1109890, EPI_ISL_1109891, EPI_ISL_1109892, EPI_ISL_1109893, EPI_ISL_1109894, EPI_ISL_1109895, EPI_ISL_1109896, EPI_ISL_1109899, EPI_ISL_1109900, EPI_ISL_1109901, EPI_ISL_1109902				
see above	Lab voor klinische biologie	Lab voor klinische biologie	Marija Janevska, Hannelore Hamerlinck, Bruno Verhasselt	
EPI_ISL_1109911, EPI_ISL_1109913, EPI_ISL_1109924, EPI_ISL_1109925, EPI_ISL_1109928, EPI_ISL_1109936, EPI_ISL_1109942	AZDelta	AZDelta	Geert Martens; Dieter De Smet	
EPI_ISL_1109945, EPI_ISL_1109946, EPI_ISL_1109947, EPI_ISL_1109948, EPI_ISL_1109951, EPI_ISL_1109953, EPI_ISL_1109954, EPI_ISL_1109959, EPI_ISL_1109960, EPI_ISL_1109961, EPI_ISL_1109966, EPI_ISL_1109967, EPI_ISL_1109969, EPI_ISL_1109970, EPI_ISL_1109974, EPI_ISL_1109984, EPI_ISL_1109988, EPI_ISL_1109989				
see above	MEPHI, Aix Marseille University	MEPHI, Aix Marseille University	Anthony LEVASSEUR	
EPI_ISL_1109990	Baylor Scott & White-Irving	Baylor Scott & White-Temple	Ari Rao, Linden Morales, Kimberly Walker, Marcus Volz, Shelby Hendrickson	
EPI_ISL_1109995, EPI_ISL_1109996, EPI_ISL_1109997, EPI_ISL_1109999, EPI_ISL_1110000, EPI_ISL_1110001, EPI_ISL_1110002, EPI_ISL_1110003, EPI_ISL_1110004, EPI_ISL_1110017, EPI_ISL_1110018, EPI_ISL_1110019, EPI_ISL_1110020, EPI_ISL_1110021				
see above	MEPHI, Aix Marseille University	MEPHI, Aix Marseille University	Anthony LEVASSEUR	
EPI_ISL_1110024, EPI_ISL_1110026	Baylor Scott & White-Irving	Baylor Scott & White-Temple	Ari Rao, Linden Morales, Kimberly Walker, Marcus Volz, Shelby Hendrickson	
EPI_ISL_1110041, EPI_ISL_1110042, EPI_ISL_1110045, EPI_ISL_1110046, EPI_ISL_1110047, EPI_ISL_1110048, EPI_ISL_1110050, EPI_ISL_1110053, EPI_ISL_1110054, EPI_ISL_1110056, EPI_ISL_1110061, EPI_ISL_1110062, EPI_ISL_1110063, EPI_ISL_1110064, EPI_ISL_1110065, EPI_ISL_1110066, EPI_ISL_1110067, EPI_ISL_1110068, EPI_ISL_1110069, EPI_ISL_1110070, EPI_ISL_1110071, EPI_ISL_1110072, EPI_ISL_1110073, EPI_ISL_1110074, EPI_ISL_1110075, EPI_ISL_1110076, EPI_ISL_1110077, EPI_ISL_1110078, EPI_ISL_1110079, EPI_ISL_1110080, EPI_ISL_1110081, EPI_ISL_1110082, EPI_ISL_1110083, EPI_ISL_1110085, EPI_ISL_1110086, EPI_ISL_1110087, EPI_ISL_1110088, EPI_ISL_1110090, EPI_ISL_1110091, EPI_ISL_1110092, EPI_ISL_1110093, EPI_ISL_1110094, EPI_ISL_1110095, EPI_ISL_1110096, EPI_ISL_1110098, EPI_ISL_1110099, EPI_ISL_1110100, EPI_ISL_1110102, EPI_ISL_1110103, EPI_ISL_1110104, EPI_ISL_1110105, EPI_ISL_1110106, EPI_ISL_1110107, EPI_ISL_1110108, EPI_ISL_1110109, EPI_ISL_1110110, EPI_ISL_1110111, EPI_ISL_1110112, EPI_ISL_1110115, EPI_ISL_1110116, EPI_ISL_1110117, EPI_ISL_1110118, EPI_ISL_1110119, EPI_ISL_1110120				
see above	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Shah Mohamed Bakhsh, Michelle Lin, Noah Baker, Meei-Li Huang, Keith R Jerome, Alexander Greninger	
EPI_ISL_1110161, EPI_ISL_1110179, EPI_ISL_1110190	Hôpital Henri Mondor	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky	
EPI_ISL_1110197, EPI_ISL_1110198	G.H.E.F.Grand Hôpital EST Francilien	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky	
EPI_ISL_1110203	Hôpital Henri Mondor	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky	
EPI_ISL_1110290, EPI_ISL_1110292	Baylor Scott & White-Temple	Baylor Scott & White-Temple	Ari Rao, Linden Morales, Kimberly Walker, Marcus Volz, Shelby Hendrickson	

EPI\_ISL\_1110295, EPI\_ISL\_1110296, EPI\_ISL\_1110297, EPI\_ISL\_1110298, EPI\_ISL\_1110301, EPI\_ISL\_1110302, EPI\_ISL\_1110308, EPI\_ISL\_1110311, EPI\_ISL\_1110312, EPI\_ISL\_1110313, EPI\_ISL\_1110318, EPI\_ISL\_1110320, EPI\_ISL\_1110322, EPI\_ISL\_1110323, EPI\_ISL\_1110324, EPI\_ISL\_1110325, EPI\_ISL\_1110327, EPI\_ISL\_1110329, EPI\_ISL\_1110330, EPI\_ISL\_1110331, EPI\_ISL\_1110335, EPI\_ISL\_1110336, EPI\_ISL\_1110337, EPI\_ISL\_1110341, EPI\_ISL\_1110344, EPI\_ISL\_1110346, EPI\_ISL\_1110351, EPI\_ISL\_1110353, EPI\_ISL\_1110355, EPI\_ISL\_1110356, EPI\_ISL\_1110358, EPI\_ISL\_1110359, EPI\_ISL\_1110361, EPI\_ISL\_1110363, EPI\_ISL\_1110364, EPI\_ISL\_1110367, EPI\_ISL\_1110369, EPI\_ISL\_1110372, EPI\_ISL\_1110376, EPI\_ISL\_1110378, EPI\_ISL\_1110381, EPI\_ISL\_1110382, EPI\_ISL\_1110383, EPI\_ISL\_1110384, EPI\_ISL\_1110385, EPI\_ISL\_1110386, EPI\_ISL\_1110387, EPI\_ISL\_1110388

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EPI_ISL_1110457	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Febreau Christine
EPI_ISL_1110458, EPI_ISL_1110459	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,
EPI_ISL_1110460	Labo Analyses Med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Felloni Claire
EPI_ISL_1110461	Labo Analyses Med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,
EPI_ISL_1110462	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,
EPI_ISL_1110464, EPI_ISL_1110465, EPI_ISL_1110466	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,Ducancelle Alexandra
EPI_ISL_1110467	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,Lesimple BéAtrice
EPI_ISL_1110468	Labo Analyses Med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Holstein Anne
EPI_ISL_1110469	Labo Analyses Med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Potiron GréGoire
EPI_ISL_1110470, EPI_ISL_1110471, EPI_ISL_1110473	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,Etienne Elodie
EPI_ISL_1110475	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Morvan Pauline
EPI_ISL_1110476, EPI_ISL_1110477, EPI_ISL_1110478, EPI_ISL_1110479, EPI_ISL_1110480, EPI_ISL_1110481, EPI_ISL_1110482, EPI_ISL_1110483, EPI_ISL_1110484, EPI_ISL_1110485, EPI_ISL_1110486, EPI_ISL_1110487, EPI_ISL_1110488, EPI_ISL_1110489, EPI_ISL_1110490, EPI_ISL_1110491	see above	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Pilorge LéA
EPI_ISL_1110515	Vestfold Hospital, Toensberg Department of Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate,Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1110516, EPI_ISL_1110517, EPI_ISL_1110518, EPI_ISL_1110519, EPI_ISL_1110520	Akershus University Hospital, Department for Microbiology and Infectious Disease Control	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate,Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1110521, EPI_ISL_1110522, EPI_ISL_1110523	Furst Medical Laboratory	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate,Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1110524, EPI_ISL_1110526, EPI_ISL_1110527, EPI_ISL_1110528, EPI_ISL_1110529, EPI_ISL_1110531, EPI_ISL_1110532	Akershus University Hospital, Department for Microbiology and Infectious Disease Control	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate,Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1110538, EPI_ISL_1110539	Furst Medical Laboratory	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate,Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1110543, EPI_ISL_1110544, EPI_ISL_1110545	Akershus University Hospital, Department for Microbiology and Infectious Disease Control	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate,Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1110547	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, 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_1110548, EPI_ISL_1110550, EPI_ISL_1110551, EPI_ISL_1110552	Akershus University Hospital, Department for Microbiology and Infectious Disease Control	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate,Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1110583, EPI_ISL_1110586, EPI_ISL_1110588, EPI_ISL_1110593	LAB ANALISI PO CARDARELLI CB	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Scutellà M, Niro G, 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_1110596	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_1110599	SIESP CH-Drive in VASTO	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_1110747, EPI_ISL_1110748, EPI_ISL_1110750, EPI_ISL_1110751, EPI_ISL_1110753, EPI_ISL_1110755, EPI_ISL_1110756, EPI_ISL_1110757, EPI_ISL_1110758, EPI_ISL_1110759, EPI_ISL_1110760, EPI_ISL_1110762, EPI_ISL_1110765, EPI_ISL_1110768, EPI_ISL_1110769, EPI_ISL_1110770, EPI_ISL_1110771, EPI_ISL_1110772, EPI_ISL_1110773, EPI_ISL_1110774, EPI_ISL_1110775, EPI_ISL_1110776, EPI_ISL_1110777, EPI_ISL_1110778, EPI_ISL_1110779	see above	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1110780, EPI_ISL_1110781, EPI_ISL_1110782	Croatian Institute of Public Health	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1110784, EPI_ISL_1110785, EPI_ISL_1110787, EPI_ISL_1110788, EPI_ISL_1110789, EPI_ISL_1110790	Public Health Institute of Šibenik-Knin County	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1110792	Croatian Institute of Public Health	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1110793, EPI_ISL_1110794, EPI_ISL_1110795, EPI_ISL_1110797, EPI_ISL_1110800, EPI_ISL_1110801, EPI_ISL_1110802, EPI_ISL_1110803	Public Health Institute of Šibenik-Knin County	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1110806, EPI_ISL_1110807, EPI_ISL_1110808, EPI_ISL_1110809, EPI_ISL_1110811, EPI_ISL_1110812, EPI_ISL_1110813, EPI_ISL_1110814, EPI_ISL_1110815, EPI_ISL_1110816, EPI_ISL_1110818, EPI_ISL_1110821, EPI_ISL_1110822, EPI_ISL_1110826, EPI_ISL_1110828, EPI_ISL_1110829, EPI_ISL_1110832, EPI_ISL_1110833	see above	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1110882, EPI_ISL_1110883	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Griscelli Franck
EPI_ISL_1110884, EPI_ISL_1110885	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Pilorge LéA
EPI_ISL_1110886, EPI_ISL_1110887	Hopital	National Reference Center for Viruses of Respiratory	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der

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EPI_ISL_1114474			
EPI_ISL_1114476	Department of Health and Mental Hygiene Public Health Laboratory	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1114477, EPI_ISL_1114478, EPI_ISL_1114480, EPI_ISL_1114481	Department of Health and Mental Hygiene Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1114482, EPI_ISL_1114484	Department of Health and Mental Hygiene Public Health Laboratory	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1114485	Department of Health and Mental Hygiene Crown Heights	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1114486	Department of Health and Mental Hygiene Public Health Laboratory	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1114487, EPI_ISL_1114488, EPI_ISL_1114490, EPI_ISL_1114491	Department of Health and Mental Hygiene Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1114492, EPI_ISL_1114493	Department of Health and Mental Hygiene Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1114495	Department of Health and Mental Hygiene Fort Greene	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1114500	Department of Health and Mental Hygiene Chelsea	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1114503	Department of Health and Mental Hygiene Riverside	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1114506	Department of Health and Mental Hygiene Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1114509	Department of Health and Mental Hygiene Chelsea	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1114512	Department of Homeless Services	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1114522, EPI_ISL_1114523	Department of Health and Mental Hygiene Public Health Laboratory	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1114524	Department of Health and Mental Hygiene Chelsea	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1114527, EPI_ISL_1114529	OCME Office Of Chief Medical Examiner	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1114533, EPI_ISL_1114534, EPI_ISL_1114535, EPI_ISL_1114536, EPI_ISL_1114538, EPI_ISL_1114539, EPI_ISL_1114559, EPI_ISL_1114561, EPI_ISL_1114562, EPI_ISL_1114563, EPI_ISL_1114564, EPI_ISL_1114565, EPI_ISL_1114581, EPI_ISL_1114584, EPI_ISL_1114586, EPI_ISL_1114587, EPI_ISL_1114589, EPI_ISL_1114590, EPI_ISL_1114607, EPI_ISL_1114609, EPI_ISL_1114610, EPI_ISL_1114613, EPI_ISL_1114614, EPI_ISL_1114616, EPI_ISL_1114634, EPI_ISL_1114635, EPI_ISL_1114636, EPI_ISL_1114637, EPI_ISL_1114639, EPI_ISL_1114641, EPI_ISL_1114643, EPI_ISL_1114645, EPI_ISL_1114646, EPI_ISL_1114660, EPI_ISL_1114664, EPI_ISL_1114666, EPI_ISL_1114667, EPI_ISL_1114668, EPI_ISL_1114669, EPI_ISL_1114670, EPI_ISL_1114671	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	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	
see above	Quest Diagnostics Incorporated		
EPI_ISL_1114673, EPI_ISL_1114678, EPI_ISL_1114679, EPI_ISL_1114680, EPI_ISL_1114681, EPI_ISL_1114682, EPI_ISL_1114685, EPI_ISL_1114686, EPI_ISL_1114687, EPI_ISL_1114692, EPI_ISL_1114696, EPI_ISL_1114700, EPI_ISL_1114701, EPI_ISL_1114702, EPI_ISL_1114703, EPI_ISL_1114705, EPI_ISL_1114706, EPI_ISL_1114707, EPI_ISL_1114708, EPI_ISL_1114715			
see above	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_1114767, EPI_ISL_1114768, EPI_ISL_1114770, EPI_ISL_1114771	National Institute of Infectious Diseases-Prof. Dr. Matei Bals Molecular Diagnostics Laboratory	National Institute of Infectious Diseases-Prof. Dr. Matei Bals Molecular Diagnostics Laboratory	Leontina Banica, Marius Surleac, Corina Casangiu, Petre Milu, Andreea Tudor, Simona Paraschiv, Dan Otelea
EPI_ISL_1114772	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1114773	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_1114776	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_1114778	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1114779, EPI_ISL_1114781	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_1114782	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_1114785, EPI_ISL_1114787	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1114788, EPI_ISL_1114790, EPI_ISL_1114791	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1114793	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1114797	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1114798	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1114799	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1114800	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team

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			(COG-UK) Consortium	Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1115100	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_1115102, EPI_ISL_1115105, EPI_ISL_1115110, EPI_ISL_1115114, EPI_ISL_1115115, EPI_ISL_1115116, EPI_ISL_1115117, EPI_ISL_1115118, EPI_ISL_1115119, EPI_ISL_1115121, EPI_ISL_1115122, EPI_ISL_1115124, EPI_ISL_1115125, EPI_ISL_1115127, EPI_ISL_1115128, EPI_ISL_1115131, EPI_ISL_1115134, EPI_ISL_1115135, EPI_ISL_1115136, EPI_ISL_1115137, EPI_ISL_1115138, EPI_ISL_1115139, EPI_ISL_1115140, EPI_ISL_1115143, EPI_ISL_1115145, EPI_ISL_1115147, EPI_ISL_1115148, EPI_ISL_1115149, EPI_ISL_1115153, EPI_ISL_1115154, EPI_ISL_1115156, EPI_ISL_1115157, EPI_ISL_1115159, EPI_ISL_1115161, EPI_ISL_1115162, EPI_ISL_1115163, EPI_ISL_1115164, EPI_ISL_1115165, EPI_ISL_1115166, EPI_ISL_1115167, EPI_ISL_1115168, EPI_ISL_1115169, EPI_ISL_1115171, EPI_ISL_1115172, EPI_ISL_1115174, EPI_ISL_1115175, EPI_ISL_1115176, EPI_ISL_1115177, EPI_ISL_1115178, EPI_ISL_1115179, EPI_ISL_1115180, EPI_ISL_1115181, EPI_ISL_1115182, EPI_ISL_1115183, EPI_ISL_1115184, EPI_ISL_1115186, EPI_ISL_1115187, EPI_ISL_1115190, EPI_ISL_1115191, EPI_ISL_1115192, EPI_ISL_1115195, EPI_ISL_1115198, EPI_ISL_1115199, EPI_ISL_1115202, EPI_ISL_1115203, EPI_ISL_1115204, EPI_ISL_1115205, EPI_ISL_1115207, EPI_ISL_1115208, EPI_ISL_1115210, EPI_ISL_1115211, EPI_ISL_1115213, EPI_ISL_1115214, EPI_ISL_1115215, EPI_ISL_1115216, EPI_ISL_1115218, EPI_ISL_1115219, EPI_ISL_1115220, EPI_ISL_1115224, EPI_ISL_1115225, EPI_ISL_1115228, EPI_ISL_1115229, EPI_ISL_1115230, EPI_ISL_1115231, EPI_ISL_1115232, EPI_ISL_1115233, EPI_ISL_1115234, EPI_ISL_1115236, EPI_ISL_1115239, EPI_ISL_1115240, EPI_ISL_1115241, EPI_ISL_1115242, EPI_ISL_1115243, EPI_ISL_1115244, EPI_ISL_1115245, EPI_ISL_1115248, EPI_ISL_1115249, EPI_ISL_1115250, EPI_ISL_1115252, EPI_ISL_1115253, EPI_ISL_1115255, EPI_ISL_1115256, EPI_ISL_1115257, EPI_ISL_1115258, EPI_ISL_1115259, EPI_ISL_1115261, EPI_ISL_1115262, EPI_ISL_1115263, EPI_ISL_1115265, EPI_ISL_1115266, EPI_ISL_1115267, EPI_ISL_1115268, EPI_ISL_1115269, EPI_ISL_1115270, EPI_ISL_1115271, EPI_ISL_1115272, EPI_ISL_1115273, EPI_ISL_1115274, EPI_ISL_1115275, EPI_ISL_1115276, EPI_ISL_1115277, EPI_ISL_1115278, EPI_ISL_1115279, EPI_ISL_1115280, EPI_ISL_1115281, EPI_ISL_1115283, EPI_ISL_1115284, EPI_ISL_1115285, EPI_ISL_1115286, EPI_ISL_1115288, EPI_ISL_1115289, EPI_ISL_1115290, EPI_ISL_1115292, EPI_ISL_1115293, EPI_ISL_1115294, EPI_ISL_1115295, EPI_ISL_1115297, EPI_ISL_1115299, EPI_ISL_1115301, EPI_ISL_1115302, EPI_ISL_1115303, EPI_ISL_1115306, EPI_ISL_1115307, EPI_ISL_1115310, EPI_ISL_1115311, EPI_ISL_1115312, EPI_ISL_1115313, EPI_ISL_1115314, EPI_ISL_1115315, EPI_ISL_1115316, EPI_ISL_1115317, EPI_ISL_1115318, EPI_ISL_1115319, EPI_ISL_1115321, EPI_ISL_1115322, EPI_ISL_1115323, EPI_ISL_1115324, EPI_ISL_1115329, EPI_ISL_1115330, EPI_ISL_1115331, EPI_ISL_1115335, EPI_ISL_1115336, EPI_ISL_1115337, EPI_ISL_1115338, EPI_ISL_1115339, EPI_ISL_1115340, EPI_ISL_1115342, EPI_ISL_1115343, EPI_ISL_1115344, EPI_ISL_1115345, EPI_ISL_1115346, EPI_ISL_1115347, EPI_ISL_1115349, EPI_ISL_1115352, EPI_ISL_1115353, EPI_ISL_1115354, EPI_ISL_1115355, EPI_ISL_1115356, EPI_ISL_1115357, EPI_ISL_1115358, EPI_ISL_1115359, EPI_ISL_1115361, EPI_ISL_1115362, EPI_ISL_1115363, EPI_ISL_1115364, EPI_ISL_1115365, EPI_ISL_1115367, EPI_ISL_1115368, EPI_ISL_1115369, EPI_ISL_1115370, EPI_ISL_1115371, EPI_ISL_1115373, EPI_ISL_1115374, EPI_ISL_1115375, EPI_ISL_1115376, EPI_ISL_1115377, EPI_ISL_1115378, EPI_ISL_1115379, EPI_ISL_1115382, EPI_ISL_1115384, EPI_ISL_1115385, EPI_ISL_1115386, EPI_ISL_1115387, EPI_ISL_1115388, EPI_ISL_1115389, EPI_ISL_1115391, EPI_ISL_1115393, EPI_ISL_1115394, EPI_ISL_1115396, EPI_ISL_1115397, EPI_ISL_1115398, EPI_ISL_1115399, EPI_ISL_1115400, EPI_ISL_1115401	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_1115402, EPI_ISL_1115406, EPI_ISL_1115408, EPI_ISL_1115409, EPI_ISL_1115411	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_1115412, EPI_ISL_1115415, EPI_ISL_1115420, EPI_ISL_1115421, EPI_ISL_1115422	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_1115423, EPI_ISL_1115425	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_1115426, EPI_ISL_1115427, EPI_ISL_1115428, EPI_ISL_1115429	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_1115430	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_1115433, EPI_ISL_1115434, EPI_ISL_1115435, EPI_ISL_1115436, EPI_ISL_1115437	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	

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EPI\_ISL\_1116840, EPI\_ISL\_1116841, EPI\_ISL\_1116842, EPI\_ISL\_1116843, EPI\_ISL\_1116844, EPI\_ISL\_1116845, EPI\_ISL\_1116846, EPI\_ISL\_1116847, EPI\_ISL\_1116848, EPI\_ISL\_1116849, EPI\_ISL\_1116850, EPI\_ISL\_1116851, EPI\_ISL\_1116852, EPI\_ISL\_1116853, EPI\_ISL\_1116854, EPI\_ISL\_1116855, EPI\_ISL\_1116856, EPI\_ISL\_1116859

[illegible]



EPI_ISL_1117496	USCA PESCHINA	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Scialabba S, Puglia I, Calistri P, Savini G
EPI_ISL_1117497	SIESP CHIETI, DRIVE IN ORTONA	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Scialabba S, Puglia I, Calistri P, Savini G
EPI_ISL_1117498	PRESIDIO TERRITORIALE CASOLI	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Scialabba S, Puglia I, Calistri P, Savini G
EPI_ISL_1117499	SIESP CHIETI, DRIVE IN VASTO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Scialabba S, Puglia I, Calistri P, Savini G
EPI_ISL_1117500	SIESP CHIETI, DRIVE IN ORTONA	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Scialabba S, Puglia I, Calistri P, Savini G
EPI_ISL_1117507	SIESP CHIETI, DRIVE IN LANCIANO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Scialabba S, Puglia I, Calistri P, Savini G
EPI_ISL_1117514	PRES OSP SAN LIBERATORE	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Scialabba S, Puglia I, Calistri P, Savini G
EPI_ISL_1117517	SIESP CHIETI, DRIVE IN ORTONA	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Scialabba S, Puglia I, Calistri P, Savini G
EPI_ISL_1117519	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, Scialabba S, Puglia I, Calistri P, Savini G
EPI_ISL_1117520	USCA AVEZZANO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Scialabba S, Puglia I, Calistri P, Savini G
EPI_ISL_1117524	SIESP DIP PREV TERAMO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Scialabba S, Puglia I, Calistri P, Savini G
EPI_ISL_1117526	IZS TERAMO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Scialabba S, Puglia I, Calistri P, Savini G
EPI_ISL_1117529, EPI_ISL_1117531, EPI_ISL_1117532, EPI_ISL_1117534, EPI_ISL_1117540, EPI_ISL_1117542, EPI_ISL_1117543, EPI_ISL_1117544, EPI_ISL_1117545, EPI_ISL_1117546, EPI_ISL_1117547, EPI_ISL_1117553, EPI_ISL_1117554, EPI_ISL_1117556, EPI_ISL_1117557, EPI_ISL_1117558, EPI_ISL_1117562, EPI_ISL_1117563, EPI_ISL_1117564, EPI_ISL_1117565, EPI_ISL_1117566, EPI_ISL_1117568, EPI_ISL_1117569, EPI_ISL_1117574, EPI_ISL_1117576, EPI_ISL_1117577, EPI_ISL_1117578, EPI_ISL_1117581, EPI_ISL_1117584, EPI_ISL_1117587			
see above	Hospital Universitari Joan XXIII de Tarragona	Hospital Universitari Vall d'Hebron	Cristina Andrés, María Piñana, Josep F Abril, Damir Garcia-Cehic, Ariadna Rando, Juliana Esperalba, María Gema Codina, Carla Castillo, María Carmen Martín, Tomàs Pumarola, Josep Quer, Andrés Antón
EPI_ISL_1117673	SIESP DIP PREV TERAMO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1117676	SIESP CHIETI, DRIVE IN LANCIANO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1117677	USCA CASTEL DI SANGRO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1117679	SIESP CHIETI, DRIVE IN VASTO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1117682	SIESP CHIETI, DRIVE IN LANCIANO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1117683, EPI_ISL_1117684	USCA CASTEL DI SANGRO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1117685	SIESP DIP PREV TERAMO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1117688	SIESP DIP PREV CHIETI	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1117689	SIESP CHIETI, DRIVE IN LANCIANO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1117691	SIESP DIP PREV TERAMO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1117692	PRESIDIO OSP SAN LIBERATORE	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_1117694	SIESP CHIETI, DRIVE IN LANCIANO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1117710, EPI_ISL_1117711, EPI_ISL_1117713, EPI_ISL_1117714, EPI_ISL_1117715, EPI_ISL_1117716	National Virus Reference Laboratory	National Virus Reference Laboratory	Zoe Yandle, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun
EPI_ISL_1117717	National Virus Reference Laboratory	National Virus Reference Laboratory	Guerrino Macori, Gabriel Gonzalez, Michael Carr, Zoe Yandle, Jonathan Dean, Seamus Fanning, Cillian F De Gascun
EPI_ISL_1117718, EPI_ISL_1117719, EPI_ISL_1117720, EPI_ISL_1117721, EPI_ISL_1117723, EPI_ISL_1117724, EPI_ISL_1117726, EPI_ISL_1117727, EPI_ISL_1117730, EPI_ISL_1117732, EPI_ISL_1117733, EPI_ISL_1117736	National Virus Reference Laboratory	National Virus Reference Laboratory	Zoe Yandle, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun
see above	National Virus Reference Laboratory	National Virus Reference Laboratory	Guerrino Macori, Gabriel Gonzalez, Michael Carr, Zoe Yandle, Jonathan Dean, Seamus Fanning, Cillian F De Gascun
EPI_ISL_1117737	National Virus Reference Laboratory	National Virus Reference Laboratory	Zoe Yandle, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun
EPI_ISL_1117740, EPI_ISL_1117742, EPI_ISL_1117743, EPI_ISL_1117744, EPI_ISL_1117745, EPI_ISL_1117746, EPI_ISL_1117747, EPI_ISL_1117748, EPI_ISL_1117749, EPI_ISL_1117750, EPI_ISL_1117751, EPI_ISL_1117752, EPI_ISL_1117753, EPI_ISL_1117755, EPI_ISL_1117756	National Virus Reference Laboratory	National Virus Reference Laboratory	Guerrino Macori, Gabriel Gonzalez, Michael Carr, Zoe Yandle, Jonathan Dean, Seamus Fanning, Cillian F De Gascun
see above	National Virus Reference Laboratory	National Virus Reference Laboratory	Zoe Yandle, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun
EPI_ISL_1117757	National Virus Reference Laboratory	National Virus Reference Laboratory	Guerrino Macori, Gabriel Gonzalez, Michael Carr, Zoe Yandle, Jonathan Dean, Seamus Fanning, Cillian F De Gascun
EPI_ISL_1117760, EPI_ISL_1117761, EPI_ISL_1117767, EPI_ISL_1117771, EPI_ISL_1117772	National Virus Reference Laboratory	National Virus Reference Laboratory	Zoe Yandle, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun
EPI_ISL_1117817, EPI_ISL_1117818, EPI_ISL_1117819, EPI_ISL_1117820	Center for Virology, Medical University of Vienna	Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maëlle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Bergthaler
EPI_ISL_1117821	Department of Laboratory Medicine, Division of Clinical Virology, University of Medicine, Vienna	Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maëlle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Bergthaler

EPI_ISL_1117822, EPI_ISL_1117823	Center for Virology, Medical University of Vienna	Berghthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Berghthaler
EPI_ISL_1117824, EPI_ISL_1117825, EPI_ISL_1117826, EPI_ISL_1117827, EPI_ISL_1117828, EPI_ISL_1117829, EPI_ISL_1117830	Austrian Agency for Health and Food Safety (AGES)	Berghthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Berghthaler
EPI_ISL_1117836, EPI_ISL_1117837	Center for Virology, Medical University of Vienna	Berghthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Berghthaler
EPI_ISL_1117838, EPI_ISL_1117839	Austrian Agency for Health and Food Safety (AGES)	Berghthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Berghthaler
EPI_ISL_1117847	Institut für Pathologie, Salzkammergut Klinikum Vöcklabruck	Berghthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Berghthaler
EPI_ISL_1117848, EPI_ISL_1117849, EPI_ISL_1117850, EPI_ISL_1117851, EPI_ISL_1117852, EPI_ISL_1117853	Center for Virology, Medical University of Vienna	Berghthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Berghthaler
EPI_ISL_1117854, EPI_ISL_1117855, EPI_ISL_1117856, EPI_ISL_1117857, EPI_ISL_1117858, EPI_ISL_1117859, EPI_ISL_1117860, EPI_ISL_1117861, EPI_ISL_1117862, EPI_ISL_1117863, EPI_ISL_1117864, EPI_ISL_1117865, EPI_ISL_1117866, EPI_ISL_1117867, EPI_ISL_1117869			
see above	Austrian Agency for Health and Food Safety (AGES)	Berghthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Berghthaler
EPI_ISL_1117873, EPI_ISL_1117875	Tauernklinikum - Standort Zell am See	Berghthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Berghthaler
EPI_ISL_1117876, EPI_ISL_1117877, EPI_ISL_1117878, EPI_ISL_1117879, EPI_ISL_1117880, EPI_ISL_1117881, EPI_ISL_1117886	Center for Virology, Medical University of Vienna	Berghthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Berghthaler
EPI_ISL_1117887	Austrian Agency for Health and Food Safety (AGES)	Berghthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Berghthaler
EPI_ISL_1117926	Center for Virology, Medical University of Vienna	Berghthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Berghthaler
EPI_ISL_1118029, EPI_ISL_1118030, EPI_ISL_1118035, EPI_ISL_1118038, EPI_ISL_1118049	Austrian Agency for Health and Food Safety (AGES)	Berghthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Berghthaler
EPI_ISL_1118064	3. Medizinische Abteilung, Hanusch Krankenhaus	Berghthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Berghthaler
EPI_ISL_1118065, EPI_ISL_1118066, EPI_ISL_1118067, EPI_ISL_1118068, EPI_ISL_1118069, EPI_ISL_1118070, EPI_ISL_1118071	Center for Virology, Medical University of Vienna	Berghthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Berghthaler
EPI_ISL_1118072	Elling group, Institute of Molecular Biotechnology (IMBA)	Berghthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Berghthaler
EPI_ISL_1118075, EPI_ISL_1118076	Austrian Agency for Health and Food Safety (AGES)	Berghthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Berghthaler
EPI_ISL_1118093, EPI_ISL_1118094, EPI_ISL_1118095, EPI_ISL_1118096, EPI_ISL_1118097, EPI_ISL_1118098, EPI_ISL_1118099, EPI_ISL_1118100, EPI_ISL_1118101, EPI_ISL_1118102, EPI_ISL_1118103, EPI_ISL_1118104, EPI_ISL_1118105, EPI_ISL_1118107, EPI_ISL_1118108, EPI_ISL_1118109, EPI_ISL_1118110, EPI_ISL_1118111, EPI_ISL_1118112, EPI_ISL_1118113, EPI_ISL_1118135, EPI_ISL_1118136, EPI_ISL_1118137, EPI_ISL_1118138, EPI_ISL_1118139, EPI_ISL_1118140, EPI_ISL_1118141, EPI_ISL_1118143, EPI_ISL_1118145, EPI_ISL_1118147, EPI_ISL_1118148, EPI_ISL_1118149, EPI_ISL_1118150, EPI_ISL_1118151, EPI_ISL_1118152, EPI_ISL_1118153, EPI_ISL_1118154, EPI_ISL_1118155, EPI_ISL_1118156, EPI_ISL_1118157			
see above	Dept. of Microbiology and Infection Control, Akershus University Hospital HF	Dept. of Microbiology and Infection Control, Akershus University Hospital HF	Hege Vangstein Aamot, Alexander Hesselberg Lovestad
EPI_ISL_1118165, EPI_ISL_1118166, EPI_ISL_1118170, EPI_ISL_1118179, EPI_ISL_1118182, EPI_ISL_1118183, EPI_ISL_1118185	LAB ANALISI PO CARDARELLI CAMPOBASSO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Scutellà M, Niro G, Felice V. 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_1118207, EPI_ISL_1118208, EPI_ISL_1118209, EPI_ISL_1118210, EPI_ISL_1118211, EPI_ISL_1118212, EPI_ISL_1118213, EPI_ISL_1118214, EPI_ISL_1118215, EPI_ISL_1118216	National Institute of Health Research and Development	National Institute of Health Research and Development	Hana Apasari Pawestri, Subangkit, Kartika Dewi Puspa, Arie Ardiansyah Nugraha, Hartanti Dian Ikawati, Krisna Nur Andriana Pangesti, Yuni Rukminiati, Ririn Ramadhany, Agustiningsih, Kindi Adam, Holy Arif Wibowo, Triyani Soekarso, Ni Ketut Susilarini, Nurika Hariastuti, Ulyi Alfi Nikmah, Reni Herman, Nike Susanti, Herna, Tati Febriyanti, Natalie Laurencia Kipuw, Fauzul Muna, Irene Lorinda Indalao, Nelly Puspandari, Vivi Setiawaty.
EPI_ISL_1118318, EPI_ISL_1118319	Vestfold Hospital, Toensberg Department of Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118350	Akershus University Hospital, Department for Microbiology and Infectious Disease Control	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118351, EPI_ISL_1118352	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, 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_1118353	Furst Medical Laboratory	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118354	Department of Medical Microbiology, St. Olavs hospital	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118356, EPI_ISL_1118357, EPI_ISL_1118360	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, 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_1118361, EPI_ISL_1118362	Furst Medical Laboratory	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118363, EPI_ISL_1118364, EPI_ISL_1118365, EPI_ISL_1118366	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, 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_1118368, EPI_ISL_1118369	Medical Microbiology Unit, Department for Laboratory Medicine, Drammen Hospital, Vestre Viken Health Trust,	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes



EPI_ISL_1118619	Nordland Hospital - Bodo, Laboratory Department, Molecular Biology Unit	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118622	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, 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_1118625, EPI_ISL_1118627	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, 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_1118631, EPI_ISL_1118632	Vestfold Hospital, Toensberg Department of Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118633, EPI_ISL_1118634, EPI_ISL_1118635	Furst Medical Laboratory	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118636	Nordland Hospital - Bodo, Laboratory Department, Molecular Biology Unit	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118637, EPI_ISL_1118638, EPI_ISL_1118641	Furst Medical Laboratory	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118645	Akershus University Hospital, Department for Microbiology and Infectious Disease Control	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118646	Furst Medical Laboratory	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118647	Vestfold Hospital, Toensberg Department of Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118648	Akershus University Hospital, Department for Microbiology and Infectious Disease Control	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118649	Foerde Hospital, Department of Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118650	Furst Medical Laboratory	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118651, EPI_ISL_1118652, EPI_ISL_1118653, EPI_ISL_1118654, EPI_ISL_1118655	Medical Microbiology Unit, Department for Laboratory Medicine, Drammen Hospital, Vestre Viken Health Trust,	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118657	Innlandet Hospital Trust, Division Lillehammer, Department for Medical Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118658	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, 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_1118659	Furst Medical Laboratory	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118660	Akershus University Hospital, Department for Microbiology and Infectious Disease Control	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118666	Furst Medical Laboratory	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118667, EPI_ISL_1118674, EPI_ISL_1118676, EPI_ISL_1118679	Akershus University Hospital, Department for Microbiology and Infectious Disease Control	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118682, EPI_ISL_1118686, EPI_ISL_1118687	Furst Medical Laboratory	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118689	Akershus University Hospital, Department for Microbiology and Infectious Disease Control	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118830, EPI_ISL_1118831, EPI_ISL_1118832, EPI_ISL_1118833, EPI_ISL_1118834, EPI_ISL_1118835, EPI_ISL_1118844, EPI_ISL_1118845, EPI_ISL_1118846, EPI_ISL_1118847	Lab voor klinische biologie	Lab voor klinische biologie	Marija Janevska, Hannelore Hamerlinck, Bruno Verhasselt
EPI_ISL_1118877	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_1118878	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Ledru Sylvie
EPI_ISL_1118883	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, Luizy Nelly
EPI_ISL_1118930	Laboratorio Microbiologia e Virologia P.O. Cotugno A.O. dei Colli	Laboratorio Microbiologia e Virologia P.O. Cotugno A.O. dei Colli	Luigi Atripaldi, Claudia Tiberio, Anna Perfetti, Pellegrino Cerino, Biancamaria Pierri, Maria Concetta Cuomo
EPI_ISL_1118931	National Institute of Health Research and Development	National Institute of Health Research and Development	Hana Apsari Pawestri, Subangkit, Kartika Dewi Puspa, Arie Ardiansyah Nugraha, Hartanti Dian Ikawati, Krisna Nur Andriana Pangesti, Yuni Rukminiati, Ririn Ramadhany, Agustinsih, Kindi Adam, Holy Arif Wibowo, Triyani Soekarro, Ni Ketut Susilarini, Nurika Hariastuti, Uily Alfi Nikmah, Reni Herman, Nike Susanti, Herna, Tati Febriyanti, Natalie Laurencia Kipuw, Fauzul Muna, Irene Lorinda Indalao, Nelly Puspandari, Vivi Setiawaty.
EPI_ISL_1118932	Laboratorio Microbiologia e Virologia P.O. Cotugno A.O. dei Colli	Laboratorio Microbiologia e Virologia P.O. Cotugno A.O. dei Colli	Luigi Atripaldi, Claudia Tiberio, Anna Perfetti, Pellegrino Cerino, Biancamaria Pierri, Maria Concetta Cuomo
EPI_ISL_1118933	National Institute of Health Research and Development	National Institute of Health Research and Development	Hana Apsari Pawestri, Subangkit, Kartika Dewi Puspa, Arie Ardiansyah Nugraha, Hartanti Dian Ikawati, Krisna Nur Andriana Pangesti, Yuni Rukminiati, Ririn Ramadhany, Agustinsih, Kindi Adam, Holy Arif Wibowo, Triyani Soekarro, Ni Ketut Susilarini, Nurika Hariastuti, Uily Alfi Nikmah, Reni Herman, Nike Susanti, Herna, Tati Febriyanti, Natalie Laurencia Kipuw, Fauzul Muna, Irene Lorinda Indalao, Nelly Puspandari, Vivi Setiawaty.
EPI_ISL_1118934	Laboratorio Microbiologia e Virologia P.O. Cotugno A.O. dei Colli	Laboratorio Microbiologia e Virologia P.O. Cotugno A.O. dei Colli	Luigi Atripaldi, Claudia Tiberio, Anna Perfetti, Pellegrino Cerino, Biancamaria Pierri, Maria Concetta Cuomo
EPI_ISL_1119035, EPI_ISL_1119040, EPI_ISL_1119051, EPI_ISL_1119052, EPI_ISL_1119053, EPI_ISL_1119054, EPI_ISL_1119055, EPI_ISL_1119056, EPI_ISL_1119057, EPI_ISL_1119058, EPI_ISL_1119059, EPI_ISL_1119060, EPI_ISL_1119061, EPI_ISL_1119062, EPI_ISL_1119063, EPI_ISL_1119064, EPI_ISL_1119065, EPI_ISL_1119066, EPI_ISL_1119069, EPI_ISL_1119070, EPI_ISL_1119071, EPI_ISL_1119073, EPI_ISL_1119074, EPI_ISL_1119075, EPI_ISL_1119076, EPI_ISL_1119077, EPI_ISL_1119078, EPI_ISL_1119081, EPI_ISL_1119082, EPI_ISL_1119083, EPI_ISL_1119084, EPI_ISL_1119085, EPI_ISL_1119088, EPI_ISL_1119089, EPI_ISL_1119090, EPI_ISL_1119091, EPI_ISL_1119092, EPI_ISL_1119093, EPI_ISL_1119094, EPI_ISL_1119095, EPI_ISL_1119096, EPI_ISL_1119097, EPI_ISL_1119098, EPI_ISL_1119099, EPI_ISL_1119101, EPI_ISL_1119102, EPI_ISL_1119103, EPI_ISL_1119104, EPI_ISL_1119105, EPI_ISL_1119106, EPI_ISL_1119107, EPI_ISL_1119108			



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EPI_ISL_1120070, EPI_ISL_1120071, EPI_ISL_1120072		Zürich	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_1120073	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_1120075, EPI_ISL_1120077, EPI_ISL_1120078, EPI_ISL_1120079, EPI_ISL_1120080, EPI_ISL_1120081	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_1120083	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_1120084, EPI_ISL_1120085	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_1120086	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_1120087	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_1120088	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_1120089, EPI_ISL_1120090, EPI_ISL_1120091, EPI_ISL_1120092	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_1120093, EPI_ISL_1120094, EPI_ISL_1120095	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_1120096, EPI_ISL_1120097, EPI_ISL_1120098, EPI_ISL_1120099, EPI_ISL_1120100	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_1120101, EPI_ISL_1120102	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_1120103	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_1120104, EPI_ISL_1120105, EPI_ISL_1120106, EPI_ISL_1120107	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
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EPI_ISL_1120734, EPI_ISL_1120735, EPI_ISL_1120736, EPI_ISL_1120737	Platform BIS UZA/UAntwerpen	UAntwerp, Laboratory of Medical Microbiology	Basil Britto Xavier, Jasmine Coppens, Marie Le Mercier, Christine Lammens, Veerle Matheeuessen, Herman Goossens
EPI_ISL_1120878, EPI_ISL_1120879, EPI_ISL_1120880, EPI_ISL_1120881, EPI_ISL_1120882, EPI_ISL_1120884, EPI_ISL_1120885, EPI_ISL_1120886, EPI_ISL_1120887, EPI_ISL_1120888, EPI_ISL_1120889, EPI_ISL_1120891, EPI_ISL_1120893, EPI_ISL_1120894, EPI_ISL_1120895, EPI_ISL_1120896	Instituto Nacional de Medicina Genomica	Instituto Nacional de Medicina Genomica	Hidalgo-Miranda A, Mendoza-Vargas A, Reyes-Grajeda JP, Cedro-Tanda A, Alcaraz N, Gonzalez-Barrera D, Rangel-DeLeon D, Ramirez-Vega O, Sifuentes-Rojas C, Cisneros-Villanueva M, Herrera-Montalvo LA
see above			
EPI_ISL_1121033	USCA CASTEL DI SANGRO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1121039, EPI_ISL_1121040	Public Health Virology-Forensic and Scientific Services	Public Health Virology-Forensic and Scientific Services	Son Nguyen
EPI_ISL_1121103	Nebraska Public Health Laboratory	NPHL COVID-19 Response Team	NPHL COVID-19 Response Team
EPI_ISL_1121155, EPI_ISL_1121156, EPI_ISL_1121158, EPI_ISL_1121159, EPI_ISL_1121160, EPI_ISL_1121161, EPI_ISL_1121162, EPI_ISL_1121163, EPI_ISL_1121164, EPI_ISL_1121165, EPI_ISL_1121166, EPI_ISL_1121168, EPI_ISL_1121169	SYNLAB - Laboratoire J. Collard	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Nathalie Renotte, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours
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EPI_ISL_1121172	SYNLAB - Laboratoire J. Collard	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Nathalie Renotte, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours
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EPI_ISL_1121174, EPI_ISL_1121175, EPI_ISL_1121176	SYNLAB - Laboratoire J. Collard	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Nathalie Renotte, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_1121179, EPI_ISL_1121183	University of Liège COVID-19 testing center	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Bouchra Boujemla, Nathalie Renotte, Cécile Meex, Sébastien Bontems, Fabrice Bureau, Laurent Gillet, Wouter Coppieters, Marie-Pierre Hayette, Vincent Bours
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EPI_ISL_1121186, EPI_ISL_1121187, EPI_ISL_1121191, EPI_ISL_1121193, EPI_ISL_1121194, EPI_ISL_1121206	SYNLAB - Laboratoire J. Collard	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Nathalie Renotte, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_1121207, EPI_ISL_1121208, EPI_ISL_1121209, EPI_ISL_1121211, EPI_ISL_1121215, EPI_ISL_1121216	University of Liège COVID-19 testing center	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Bouchra Boujemla, Nathalie Renotte, Cécile Meex, Sébastien Bontems, Fabrice Bureau, Laurent Gillet, Wouter Coppieters, Marie-Pierre Hayette, Vincent Bours



EPI\_ISL\_1121242, EPI\_ISL\_1121243,  
EPI\_ISL\_1121244, EPI\_ISL\_1121245,  
EPI\_ISL\_1121246, EPI\_ISL\_1121247,  
EPI\_ISL\_1121249

Maryland Public Health Laboratory

Maryland Public Health Laboratory

Maryland Department of Health Laboratories Administration

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All Submitters of data may be contacted directly via [www.gisaid.org](http://www.gisaid.org)

Authors are sorted alphabetically.

Accession ID	Originating Laboratory	Submitting Laboratory	Authors
EPI_ISL_1121250, EPI_ISL_1121251, EPI_ISL_1121252, EPI_ISL_1121253, EPI_ISL_1121254, EPI_ISL_1121264, EPI_ISL_1121265, EPI_ISL_1121267, EPI_ISL_1121274, EPI_ISL_1121275, EPI_ISL_1121276, EPI_ISL_1121277, EPI_ISL_1121279, EPI_ISL_1121280			
see above	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_1121281, EPI_ISL_1121282, EPI_ISL_1121283, EPI_ISL_1121284, EPI_ISL_1121285, EPI_ISL_1121286, EPI_ISL_1121287, EPI_ISL_1121288, EPI_ISL_1121289, EPI_ISL_1121290, EPI_ISL_1121291, EPI_ISL_1121292, EPI_ISL_1121293, EPI_ISL_1121294, EPI_ISL_1121295, EPI_ISL_1121296, EPI_ISL_1121297, EPI_ISL_1121298, EPI_ISL_1121300, EPI_ISL_1121301, EPI_ISL_1121302			
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EPI_ISL_1121787, EPI_ISL_1121790, EPI_ISL_1121792, EPI_ISL_1121793, EPI_ISL_1121795, EPI_ISL_1121796, EPI_ISL_1121797, EPI_ISL_1121799, EPI_ISL_1121806, EPI_ISL_1121808, EPI_ISL_1121810, EPI_ISL_1121812			
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EPI_ISL_1121816, EPI_ISL_1121821, EPI_ISL_1121822, EPI_ISL_1121824, EPI_ISL_1121825, EPI_ISL_1121830, EPI_ISL_1121838, EPI_ISL_1121841, EPI_ISL_1121851, EPI_ISL_1121861, EPI_ISL_1121865, EPI_ISL_1121866, EPI_ISL_1121867, EPI_ISL_1121868, EPI_ISL_1121875, EPI_ISL_1121877, EPI_ISL_1121878			
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EPI_ISL_1121887	Department of Health & Mental Hygiene Corona	New York City Public Health Laboratory	Jade Wang, et al.
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EPI_ISL_1121908	Department of Health & Mental Hygiene Corona	New York City Public Health Laboratory	Jade Wang, et al.
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EPI_ISL_1121954, EPI_ISL_1121955, EPI_ISL_1121956, EPI_ISL_1121957, EPI_ISL_1121959	Department of Health & Mental Hygiene Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
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EPI_ISL_1121977, EPI_ISL_1121978, EPI_ISL_1121982, EPI_ISL_1121984, EPI_ISL_1121985, EPI_ISL_1121986, EPI_ISL_1121987, EPI_ISL_1121989	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_1122005, EPI_ISL_1122006, EPI_ISL_1122007, EPI_ISL_1122008, EPI_ISL_1122009, EPI_ISL_1122010	Kentucky State Public Health Lab	Kentucky State Public Health Lab	Stephanie Lunn, Karim George, Joshua Tobias, William Grooms, Vaneeet Arora, Matthew Johnson, Rachel Zinner, Rhonda Lucas
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EPI_ISL_1137460, EPI_ISL_1137462, EPI_ISL_1137463, EPI_ISL_1137464, EPI_ISL_1137467, EPI_ISL_1137468, EPI_ISL_1137470, EPI_ISL_1137471, EPI_ISL_1137473, EPI_ISL_1137474	Instituto Nacional de Medicina Genomica	Instituto Nacional de Medicina Genomica	Hidalgo-Miranda A, Mendoza-Vargas A, Reyes-Grajeda JP, Cedro-Tanda A, Alcaraz N, Gonzalez-Barrera D, Rangel-DeLeon D, Ramirez-Vega O, Sifuentes-Rojas C, Cisneros-Villanueva M, Herrera-Montalvo LA
EPI_ISL_1137506, EPI_ISL_1137507, EPI_ISL_1137509, EPI_ISL_1137510, EPI_ISL_1137511, EPI_ISL_1137513, EPI_ISL_1137514, EPI_ISL_1137515, EPI_ISL_1137516, EPI_ISL_1137517, EPI_ISL_1137519, EPI_ISL_1137520, EPI_ISL_1137522, EPI_ISL_1137523, EPI_ISL_1137526, EPI_ISL_1137529, EPI_ISL_1137532, EPI_ISL_1137534, EPI_ISL_1137537, EPI_ISL_1137538, EPI_ISL_1137539, EPI_ISL_1137546, EPI_ISL_1137547, EPI_ISL_1137550, EPI_ISL_1137551, EPI_ISL_1137553, EPI_ISL_1137554, EPI_ISL_1137556, EPI_ISL_1137557, EPI_ISL_1137560, EPI_ISL_1137562, EPI_ISL_1137565, EPI_ISL_1137567, EPI_ISL_1137568, EPI_ISL_1137573, EPI_ISL_1137574, EPI_ISL_1137587, EPI_ISL_1137588, EPI_ISL_1137589, EPI_ISL_1137590, EPI_ISL_1137592, EPI_ISL_1137593, EPI_ISL_1137594, EPI_ISL_1137596, EPI_ISL_1137598	Clinical Molecular Microbiology Laboratory, UNC Hospitals	Jeremy Wang	Jeremy Wang, Alexander Rubinsteyn, Colleen Rice, Jason Smedberg, Shawn Hawken, Melissa Miller, Corbin Jones, Robert Hagan
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EPI_ISL_1138760	General Hospital - Ohrid	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov" , Macedonian Academy of Sciences and Arts	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska
EPI_ISL_1138885, EPI_ISL_1138887, EPI_ISL_1138889, EPI_ISL_1138893	Jessa	Jessa	Cruys et al. on behalf of the Jessa_cmdLab
EPI_ISL_1138904, EPI_ISL_1138912, EPI_ISL_1138919, EPI_ISL_1138920, EPI_ISL_1138921, EPI_ISL_1138922, EPI_ISL_1138923, EPI_ISL_1138924, EPI_ISL_1138925, EPI_ISL_1138926, EPI_ISL_1138928, EPI_ISL_1138929, EPI_ISL_1138930, EPI_ISL_1138931, EPI_ISL_1138932, EPI_ISL_1138933, EPI_ISL_1138934, EPI_ISL_1138935, EPI_ISL_1138936, EPI_ISL_1138937, EPI_ISL_1138938, EPI_ISL_1138939, EPI_ISL_1138940, EPI_ISL_1138944, EPI_ISL_1138945, EPI_ISL_1138946, EPI_ISL_1138947, EPI_ISL_1138948, EPI_ISL_1138949, EPI_ISL_1138950, EPI_ISL_1138951, EPI_ISL_1138952, EPI_ISL_1138953, EPI_ISL_1138954, EPI_ISL_1138955, EPI_ISL_1138956, EPI_ISL_1138957, EPI_ISL_1138958, EPI_ISL_1138959, EPI_ISL_1138965, EPI_ISL_1138968, EPI_ISL_1138971, EPI_ISL_1138972, EPI_ISL_1138973, EPI_ISL_1138976, EPI_ISL_1138978, EPI_ISL_1138979, EPI_ISL_1138980, EPI_ISL_1138982	Division of Emerging Infectious Diseases, Bureau of Infectious Diseases Diagnosis Control, Korea Disease Control and Prevention Agency	Division of Emerging Infectious Diseases, Bureau of Infectious Diseases Diagnosis Control, Korea Disease Control and Prevention Agency	Ae Kyung Park, Il-Hwan Kim, Heui Man Kim, Jeong-Min Kim, Namjoo Lee, Chae Young Lee, Sang Hee Woo, Eun-Jin Kim
see above	Division of Emerging Infectious Diseases, Bureau of Infectious Diseases Diagnosis Control, Korea Disease Control and Prevention Agency	Division of Emerging Infectious Diseases, Bureau of Infectious Diseases Diagnosis Control, Korea Disease Control and Prevention Agency	Ae Kyung Park, Il-Hwan Kim, Heui Man Kim, Jeong-Min Kim, Namjoo Lee, Chae Young Lee, Sang Hee Woo, Eun-Jin Kim
EPI_ISL_1139069	SMS Aruja	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valesa Ramos Gomes, Karoline Rodrigues Campos, Caio Vinicius Dias Lopes
EPI_ISL_1139074	Instituto Adolfo Lutz Central	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valesa Ramos Gomes, Karoline Rodrigues Campos, Caio Vinicius Dias Lopes
EPI_ISL_1139075	Lab Loc - Itapeperica da Serra	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valesa Ramos Gomes, Karoline Rodrigues Campos, Caio Vinicius Dias Lopes
EPI_ISL_1139158	Ohio State University Wexner Medical Center	James Molecular Lab	D Jones, P Pancholi, P Snyder, Z Rudy
EPI_ISL_1139174, EPI_ISL_1139175, EPI_ISL_1139177, EPI_ISL_1139178, EPI_ISL_1139179, EPI_ISL_1139181, EPI_ISL_1139182, EPI_ISL_1139183, EPI_ISL_1139184, EPI_ISL_1139185, EPI_ISL_1139187, EPI_ISL_1139188, EPI_ISL_1139191, EPI_ISL_1139192, EPI_ISL_1139193, EPI_ISL_1139194, EPI_ISL_1139196, EPI_ISL_1139198, EPI_ISL_1139201, EPI_ISL_1139203, EPI_ISL_1139204, EPI_ISL_1139205, EPI_ISL_1139208, EPI_ISL_1139211, EPI_ISL_1139212, EPI_ISL_1139213, EPI_ISL_1139214, EPI_ISL_1139215, EPI_ISL_1139216, EPI_ISL_1139217, EPI_ISL_1139218, EPI_ISL_1139219, EPI_ISL_1139220, EPI_ISL_1139221, EPI_ISL_1139231, EPI_ISL_1139232, EPI_ISL_1139233, EPI_ISL_1139234, EPI_ISL_1139236, EPI_ISL_1139239, EPI_ISL_1139240, EPI_ISL_1139241, EPI_ISL_1139242, EPI_ISL_1139243, EPI_ISL_1139244, EPI_ISL_1139245, EPI_ISL_1139246, EPI_ISL_1139247, EPI_ISL_1139249, EPI_ISL_1139250, EPI_ISL_1139253, EPI_ISL_1139254, EPI_ISL_1139255, EPI_ISL_1139256, EPI_ISL_1139259, EPI_ISL_1139261, EPI_ISL_1139262, EPI_ISL_1139264, EPI_ISL_1139266, EPI_ISL_1139267, EPI_ISL_1139269, EPI_ISL_1139270, EPI_ISL_1139271, EPI_ISL_1139272, EPI_ISL_1139273, EPI_ISL_1139277, EPI_ISL_1139278, EPI_ISL_1139279, EPI_ISL_1139280, EPI_ISL_1139281, EPI_ISL_1139282, EPI_ISL_1139283, EPI_ISL_1139286, EPI_ISL_1139288, EPI_ISL_1139289, EPI_ISL_1139290, EPI_ISL_1139293, EPI_ISL_1139295, EPI_ISL_1139296, EPI_ISL_1139298, EPI_ISL_1139299, EPI_ISL_1139300, EPI_ISL_1139302, EPI_ISL_1139303, EPI_ISL_1139305, EPI_ISL_1139306, EPI_ISL_1139307, EPI_ISL_1139308, EPI_ISL_1139310, EPI_ISL_1139311, EPI_ISL_1139312, EPI_ISL_1139313, EPI_ISL_1139314, EPI_ISL_1139315, EPI_ISL_1139316, EPI_ISL_1139317, EPI_ISL_1139318, EPI_ISL_1139319, EPI_ISL_1139320, EPI_ISL_1139321, EPI_ISL_1139323, EPI_ISL_1139324, EPI_ISL_1139325, EPI_ISL_1139327, EPI_ISL_1139328, EPI_ISL_1139329, EPI_ISL_1139330, EPI_ISL_1139331, EPI_ISL_1139332, EPI_ISL_1139333, EPI_ISL_1139336, EPI_ISL_1139337, EPI_ISL_1139340, EPI_ISL_1139341, EPI_ISL_1139342, EPI_ISL_1139344, EPI_ISL_1139345, EPI_ISL_1139349, EPI_ISL_1139350, EPI_ISL_1139352, EPI_ISL_1139353, EPI_ISL_1139354, EPI_ISL_1139355, EPI_ISL_1139356, EPI_ISL_1139358, EPI_ISL_1139359, EPI_ISL_1139360, EPI_ISL_1139361, EPI_ISL_1139362, EPI_ISL_1139366, EPI_ISL_1139367, EPI_ISL_1139368, EPI_ISL_1139369, EPI_ISL_1139370, EPI_ISL_1139371,			



EPI_ISL_1143347	General Hospital - Tetovo	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov" , Macedonian Academy of Sciences and Arts	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska	
EPI_ISL_1143390, EPI_ISL_1143392, EPI_ISL_1143393, EPI_ISL_1143396, EPI_ISL_1143397, EPI_ISL_1143398, EPI_ISL_1143400, EPI_ISL_1143402, EPI_ISL_1143405, EPI_ISL_1143407, EPI_ISL_1143410, EPI_ISL_1143412, EPI_ISL_1143413, EPI_ISL_1143414, EPI_ISL_1143415, EPI_ISL_1143417	see above	Uniklinikum Carl Gustav Carus an der TU Dresden; Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1143746	General Hospital - Kumanovo	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov" , Macedonian Academy of Sciences and Arts	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska	
EPI_ISL_1143919, EPI_ISL_1143920, EPI_ISL_1143921, EPI_ISL_1143922, EPI_ISL_1143924, EPI_ISL_1143925, EPI_ISL_1143926	Uniklinikum Regensburg; Institut für Mikrobiologie	Robert Koch Institute	unknown	
EPI_ISL_1143927, EPI_ISL_1143940	Uniklinikum Jena	Robert Koch Institute	unknown	
EPI_ISL_1144019	Medizinisches Versorgungszentrum für Labormedizin und Mikrobiologie Ruhr GmbH - mvzlm RUHR GmbH	Robert Koch Institute	unknown	
EPI_ISL_1144027, EPI_ISL_1144029, EPI_ISL_1144031, EPI_ISL_1144035, EPI_ISL_1144036, EPI_ISL_1144039, EPI_ISL_1144040, EPI_ISL_1144042, EPI_ISL_1144043, EPI_ISL_1144044, EPI_ISL_1144045	see above	MVZ Dr. Eberhard & Partner Dortmund	Robert Koch Institute	unknown
EPI_ISL_1144121	General Hospital - Ohrid	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov" , Macedonian Academy of Sciences and Arts	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska	
EPI_ISL_1144363	Institut für Immunologie und Genetik Kaiserslautern: Medizinisches Labor Dr. med. B. Thiele	Robert Koch Institute	unknown	
EPI_ISL_1144377, EPI_ISL_1144378, EPI_ISL_1144380, EPI_ISL_1144381	IMD Labor Frankfurt	Robert Koch Institute	unknown	
EPI_ISL_1145003	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown	
EPI_ISL_1145010	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown	
EPI_ISL_1145020, EPI_ISL_1145038, EPI_ISL_1145041, EPI_ISL_1145044, EPI_ISL_1145053	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown	
EPI_ISL_1145068	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown	
EPI_ISL_1145072	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown	
EPI_ISL_1145086	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown	
EPI_ISL_1145090, EPI_ISL_1145092, EPI_ISL_1145099, EPI_ISL_1145100, EPI_ISL_1145105	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown	
EPI_ISL_1145107, EPI_ISL_1145115	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown	
EPI_ISL_1145121, EPI_ISL_1145122	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown	
EPI_ISL_1145129	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown	
EPI_ISL_1145138, EPI_ISL_1145147	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown	
EPI_ISL_1145148, EPI_ISL_1145152	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown	
EPI_ISL_1145155	Sonic - Labor Staber MVZ Kassel	Robert Koch Institute	unknown	
EPI_ISL_1145167, EPI_ISL_1145177, EPI_ISL_1145179	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown	
EPI_ISL_1145192	Bioscientia MVZ Labor Karlsruhe GmbH	Robert Koch Institute	unknown	
EPI_ISL_1145206, EPI_ISL_1145207, EPI_ISL_1145208, EPI_ISL_1145209	Uniklinikum Regensburg; Institut für Mikrobiologie	Robert Koch Institute	unknown	
EPI_ISL_1145215	Medizinisches Versorgungszentrum für Labormedizin und Mikrobiologie Ruhr GmbH - mvzlm RUHR GmbH	Robert Koch Institute	unknown	
EPI_ISL_1145239, EPI_ISL_1145250, EPI_ISL_1145251, EPI_ISL_1145264	MVZ Dr. Eberhard & Partner Dortmund	Robert Koch Institute	unknown	
EPI_ISL_1145286	Universitätsklinikum Gießen - Institut für Medizinische Virologie	Robert Koch Institute	unknown	
EPI_ISL_1145342, EPI_ISL_1145348, EPI_ISL_1145357, EPI_ISL_1145373, EPI_ISL_1145381, EPI_ISL_1145393, EPI_ISL_1145395, EPI_ISL_1145421, EPI_ISL_1145425	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown	
EPI_ISL_1145430	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown	
EPI_ISL_1145432	Praxisgemeinschaft für Laboratoriumsmedizin Labor Blumenstraße; Praxis Dr. Sel und Dr. Späte	Robert Koch Institute	unknown	
EPI_ISL_1145439	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown	
EPI_ISL_1145441, EPI_ISL_1145448	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown	
EPI_ISL_1145449	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown	
EPI_ISL_1145450	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown	
EPI_ISL_1145454	Praxisgemeinschaft für Laboratoriumsmedizin Labor Blumenstraße; Praxis Dr. Sel und Dr. Späte	Robert Koch Institute	unknown	
EPI_ISL_1145455	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown	

EPI_ISL_1145457	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1145458, EPI_ISL_1145459	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1145465	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1145470, EPI_ISL_1145471, EPI_ISL_1145474	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1145479, EPI_ISL_1145482	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1145487	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1145488	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1145490, EPI_ISL_1145491	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1145493	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1145663, EPI_ISL_1145665, EPI_ISL_1145672, EPI_ISL_1145673, EPI_ISL_1145676, EPI_ISL_1145677, EPI_ISL_1145678, EPI_ISL_1145679, EPI_ISL_1145680, EPI_ISL_1145681, EPI_ISL_1145682, EPI_ISL_1145685, EPI_ISL_1145688, EPI_ISL_1145689, EPI_ISL_1145690			
see above	Dianovis GmbH Greiz	Robert Koch Institute	unknown
EPI_ISL_1145691	amedes MVZ für Laboratoriumsmedizin Hamburg	Robert Koch Institute	unknown
EPI_ISL_1145936	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1145937, EPI_ISL_1145947	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1145956	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1145974	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1145984	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1145985	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1145992	Bioscientia MVZ Labor Karlsruhe GmbH	Robert Koch Institute	unknown
EPI_ISL_1145994	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1146006	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1146011	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1146031, EPI_ISL_1146040	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1146043	Labor 28 MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1146070	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1146082	Sonic - Labor Staber Dresden (Klipphausen)	Robert Koch Institute	unknown
EPI_ISL_1146094	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1146101	Sonic - Labor Staber Bayreuth	Robert Koch Institute	unknown
EPI_ISL_1146105, EPI_ISL_1146107	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1146108	Labor 28 MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1146110	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1146126	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1146129	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1146148	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1146152	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1146155	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1146162	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1146166	Sonic - Labor Staber Nürnberg	Robert Koch Institute	unknown
EPI_ISL_1146171, EPI_ISL_1146173, EPI_ISL_1146175, EPI_ISL_1146177, EPI_ISL_1146182, EPI_ISL_1146183, EPI_ISL_1146190, EPI_ISL_1146196, EPI_ISL_1146204, EPI_ISL_1146211	amedes MVZ Hannover	Robert Koch Institute	unknown
EPI_ISL_1146229, EPI_ISL_1146234	amedes MVZ für Laboratoriumsdiagnostik Raubling GmbH	Robert Koch Institute	unknown
EPI_ISL_1146244, EPI_ISL_1146245, EPI_ISL_1146249, EPI_ISL_1146250	amedes MVZ Jena	Robert Koch Institute	unknown
EPI_ISL_1146254	amedes MVZ für Labordiagnostik Rhein-Main	Robert Koch Institute	unknown
EPI_ISL_1146713	Labormedizin Darmstadt	Robert Koch Institute	unknown
EPI_ISL_1146718, EPI_ISL_1146721, EPI_ISL_1146726	IMD Labor Frankfurt	Robert Koch Institute	unknown
EPI_ISL_1147184, EPI_ISL_1147185, EPI_ISL_1147186, EPI_ISL_1147187, EPI_ISL_1147189, EPI_ISL_1147192, EPI_ISL_1147193, EPI_ISL_1147194, EPI_ISL_1147195, EPI_ISL_1147197	Universitätsklinikum Essen	Robert Koch Institute	unknown
EPI_ISL_1147200, EPI_ISL_1147206, EPI_ISL_1147213	MVZ Labor Dr. Fenner und Kollegen (Standort Hamburg)	Robert Koch Institute	unknown
EPI_ISL_1147250	Medizinisches Versorgungszentrum für Labormedizin und Mikrobiologie Ruhr GmbH - mvzIm RUHR GmbH	Robert Koch Institute	unknown
EPI_ISL_1147255	St. Marien-Hospital Hamm	Robert Koch Institute	unknown
EPI_ISL_1147256	MVZ Dr. Eberhard & Partner Dortmund	Robert Koch Institute	unknown
EPI_ISL_1147394	Labor Blackholm MVZ	Robert Koch Institute	unknown

EPI_ISL_1147413	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1147415	IMD - Institut für Medizinische Diagnostik Berlin-Potsdam	Robert Koch Institute	unknown
EPI_ISL_1147416	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1147418, EPI_ISL_1147419, EPI_ISL_1147420	IMD - Institut für Medizinische Diagnostik Berlin-Potsdam	Robert Koch Institute	unknown
EPI_ISL_1147421	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1147422	IMD - Institut für Medizinische Diagnostik Berlin-Potsdam	Robert Koch Institute	unknown
EPI_ISL_1147423, EPI_ISL_1147424, EPI_ISL_1147425, EPI_ISL_1147426, EPI_ISL_1147427, EPI_ISL_1147428	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1147429	IMD - Institut für Medizinische Diagnostik Berlin-Potsdam	Robert Koch Institute	unknown
EPI_ISL_1147431, EPI_ISL_1147433, EPI_ISL_1147434, EPI_ISL_1147435	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1147436, EPI_ISL_1147437, EPI_ISL_1147438, EPI_ISL_1147439, EPI_ISL_1147440, EPI_ISL_1147441, EPI_ISL_1147442, EPI_ISL_1147443, EPI_ISL_1147444, EPI_ISL_1147445, EPI_ISL_1147446, EPI_ISL_1147448, EPI_ISL_1147449, EPI_ISL_1147451			
see above	Städtisches Klinikum Dresden	Robert Koch Institute	unknown
EPI_ISL_1147453	IMD - MVZ Labor Greifswald	Robert Koch Institute	unknown
EPI_ISL_1147454	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1147456	IMD - MVZ Labor Greifswald	Robert Koch Institute	unknown
EPI_ISL_1147457, EPI_ISL_1147458	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1147459	IMD - MVZ Labor Greifswald	Robert Koch Institute	unknown
EPI_ISL_1147460	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1147462	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1147463	IMD - Medizinisches Labor Rostock	Robert Koch Institute	unknown
EPI_ISL_1147464, EPI_ISL_1147465, EPI_ISL_1147466, EPI_ISL_1147468, EPI_ISL_1147469	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1147470	IMD - Medizinisches Labor Rostock	Robert Koch Institute	unknown
EPI_ISL_1147471	IMD - MVZ Labor Greifswald	Robert Koch Institute	unknown
EPI_ISL_1147473, EPI_ISL_1147474	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1147476	IMD - Medizinisches Labor Rostock	Robert Koch Institute	unknown
EPI_ISL_1147477, EPI_ISL_1147478	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1147479	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1147480	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1147481	IMD - Medizinisches Labor Rostock	Robert Koch Institute	unknown
EPI_ISL_1147482	IMD - MVZ Labor Greifswald	Robert Koch Institute	unknown
EPI_ISL_1147483, EPI_ISL_1147484, EPI_ISL_1147485	IMD - Medizinisches Labor Rostock	Robert Koch Institute	unknown
EPI_ISL_1147487	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1147489	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1147491	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1147492	IMD - MVZ Labor Greifswald	Robert Koch Institute	unknown
EPI_ISL_1147494	IMD - Medizinisches Labor Rostock	Robert Koch Institute	unknown
EPI_ISL_1147495, EPI_ISL_1147496	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1147497	IMD - MVZ Labor Greifswald	Robert Koch Institute	unknown
EPI_ISL_1147498	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1147499	IMD - MVZ Labor Greifswald	Robert Koch Institute	unknown
EPI_ISL_1147500, EPI_ISL_1147502, EPI_ISL_1147503, EPI_ISL_1147504, EPI_ISL_1147507	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1147508	IMD - Medizinisches Labor Rostock	Robert Koch Institute	unknown
EPI_ISL_1147509	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1147510	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1147511, EPI_ISL_1147513	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1147517	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1147518, EPI_ISL_1147519, EPI_ISL_1147521, EPI_ISL_1147523, EPI_ISL_1147525, EPI_ISL_1147526, EPI_ISL_1147527	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1147530, EPI_ISL_1147531, EPI_ISL_1147533, EPI_ISL_1147534, EPI_ISL_1147535, EPI_ISL_1147538, EPI_ISL_1147539, EPI_ISL_1147540, EPI_ISL_1147541, EPI_ISL_1147543, EPI_ISL_1147544, EPI_ISL_1147546, EPI_ISL_1147547, EPI_ISL_1147548, EPI_ISL_1147549, EPI_ISL_1147550, EPI_ISL_1147551, EPI_ISL_1147552, EPI_ISL_1147554			
see above	Uniklinikum Carl Gustav Carus an der TU Dresden; Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1147556	LABOR CHEMNITZ - Zentrum für Diagnostik am Klinikum Chemnitz	Robert Koch Institute	unknown

EPI_ISL_1147558, EPI_ISL_1147559, EPI_ISL_1147560, EPI_ISL_1147562, EPI_ISL_1147564	Uniklinikum Carl Gustav Carus an der TU Dresden; Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1147610, EPI_ISL_1147611, EPI_ISL_1147612, EPI_ISL_1147614, EPI_ISL_1147615, EPI_ISL_1147616, EPI_ISL_1147617, EPI_ISL_1147618, EPI_ISL_1147621, EPI_ISL_1147622, EPI_ISL_1147623, EPI_ISL_1147624, EPI_ISL_1147626, EPI_ISL_1147627, EPI_ISL_1147629, EPI_ISL_1147630, EPI_ISL_1147631, EPI_ISL_1147632, EPI_ISL_1147633, EPI_ISL_1147634, EPI_ISL_1147635, EPI_ISL_1147638, EPI_ISL_1147639, EPI_ISL_1147641, EPI_ISL_1147642, EPI_ISL_1147644, EPI_ISL_1147645, EPI_ISL_1147647, EPI_ISL_1147648, EPI_ISL_1147649, EPI_ISL_1147651, EPI_ISL_1147652			
see above	Med. Labor Prof. Schenk Dr. Ansorge & Kollegen	Robert Koch Institute	unknown
EPI_ISL_1147659, EPI_ISL_1147664	Uniklinikum Jena	Robert Koch Institute	unknown
EPI_ISL_1147670, EPI_ISL_1147671, EPI_ISL_1147672, EPI_ISL_1147674, EPI_ISL_1147675, EPI_ISL_1147676, EPI_ISL_1147678	amedes MVZ für Laboratoriumsdiagnostik Raubling GmbH	Robert Koch Institute	unknown
EPI_ISL_1147680	amedes MVZ für Laboratoriumsmedizin Rhein/Ruhr	Robert Koch Institute	unknown
EPI_ISL_1147705, EPI_ISL_1147714	amedes MVZ DIAMEDIS Sennestadt	Robert Koch Institute	unknown
EPI_ISL_1147726, EPI_ISL_1147728, EPI_ISL_1147732, EPI_ISL_1147737, EPI_ISL_1147738, EPI_ISL_1147740, EPI_ISL_1147743, EPI_ISL_1147745, EPI_ISL_1147747, EPI_ISL_1147748, EPI_ISL_1147751, EPI_ISL_1147752, EPI_ISL_1147753, EPI_ISL_1147756, EPI_ISL_1147759			
see above	Dianovis GmbH Greiz	Robert Koch Institute	unknown
EPI_ISL_1147981, EPI_ISL_1147982, EPI_ISL_1147984, EPI_ISL_1147987	IMD Labor Frankfurt	Robert Koch Institute	unknown
EPI_ISL_1147993, EPI_ISL_1147994, EPI_ISL_1148002, EPI_ISL_1148008, EPI_ISL_1148009, EPI_ISL_1148011, EPI_ISL_1148013, EPI_ISL_1148020, EPI_ISL_1148028, EPI_ISL_1148036	MVZ Dr. Eberhard & Partner Dortmund	Robert Koch Institute	unknown
EPI_ISL_1148063	MVZ für Laboratoriumsmedizin und Mikrobiologie Würzburg	Robert Koch Institute	unknown
EPI_ISL_1148064	Medizinisches Versorgungszentrum für Labormedizin und Mikrobiologie Ruhr GmbH - mvzlm RUHR GmbH	Robert Koch Institute	unknown
EPI_ISL_1148069	MVZ für Laboratoriumsmedizin und Mikrobiologie Würzburg	Robert Koch Institute	unknown
EPI_ISL_1148144	Bayerisches Landesamt für Gesundheit und Lebensmittelsicherheit (LGL)	Robert Koch Institute	unknown
EPI_ISL_1148195, EPI_ISL_1148198	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1148208	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1148222	Bioscientia MVZ Labor Karlsruhe GmbH	Robert Koch Institute	unknown
EPI_ISL_1148241	Sonic - Labor Staber MVZ Kassel	Robert Koch Institute	unknown
EPI_ISL_1148245	Bioscientia MVZ Labor Karlsruhe GmbH	Robert Koch Institute	unknown
EPI_ISL_1148246	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1148251, EPI_ISL_1148263	Sonic - Labor Staber Dresden (Klipphausen)	Robert Koch Institute	unknown
EPI_ISL_1148277	Sonic - Labor Staber Bayreuth	Robert Koch Institute	unknown
EPI_ISL_1148281, EPI_ISL_1148302	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1148312, EPI_ISL_1148322	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1148326	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1148346	Sonic - Labor Staber Dresden (Klipphausen)	Robert Koch Institute	unknown
EPI_ISL_1148350	Sonic - Labor Staber Heilbronn	Robert Koch Institute	unknown
EPI_ISL_1148351	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1148352	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1148368, EPI_ISL_1148380	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1148381	Sonic - Labor Staber Dresden (Klipphausen)	Robert Koch Institute	unknown
EPI_ISL_1148382, EPI_ISL_1148399	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1148418	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1148420	Sonic - Dr. Staber & Kollegen GmbH München	Robert Koch Institute	unknown
EPI_ISL_1148422	Universitätsklinikum Frankfurt - Institut für Medizinische Virologie	Robert Koch Institute	unknown
EPI_ISL_1148440	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1148446	Sonic - Dr. Staber & Kollegen GmbH München	Robert Koch Institute	unknown
EPI_ISL_1148460, EPI_ISL_1148461, EPI_ISL_1148463, EPI_ISL_1148465, EPI_ISL_1148466	Uniklinikum Regensburg; Institut für Mikrobiologie	Robert Koch Institute	unknown
EPI_ISL_1148477	IMD Labor Frankfurt	Robert Koch Institute	unknown
EPI_ISL_1148485	Klinikum der Stadt Ludwigshafen - Institut für Labordiagnostik Hygiene und Transfusionsmedizin	Robert Koch Institute	unknown
EPI_ISL_1148488, EPI_ISL_1148489, EPI_ISL_1148490	IMD Labor Frankfurt	Robert Koch Institute	unknown
EPI_ISL_1148498	Labormedizin Darmstadt	Robert Koch Institute	unknown
EPI_ISL_1148517	MVZ Labor Dr. Fenner und Kollegen (Standort Hamburg)	Robert Koch Institute	unknown
EPI_ISL_1148737	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1148742	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown

EPI_ISL_1148749	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1148771	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1148785	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1148790	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1148803	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1148811	SYNLAB MVZ Hamburg	Robert Koch Institute	unknown
EPI_ISL_1148814	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1148816, EPI_ISL_1148820	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1148827	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1148836	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1148844	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1148848, EPI_ISL_1148864, EPI_ISL_1148868	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1148881	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1148883	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1148922	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1148928	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1148946	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1148954	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1148964, EPI_ISL_1148967, EPI_ISL_1148970	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1148971	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1148976	SYNLAB MVZ Hamburg	Robert Koch Institute	unknown
EPI_ISL_1149000	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1149007	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1149014	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1149022, EPI_ISL_1149025	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1149038	Praxisgemeinschaft für Laboratoriumsmedizin Labor Blumenstraße; Praxis Dr. Sel und Dr. Späte	Robert Koch Institute	unknown
EPI_ISL_1149041	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1149045, EPI_ISL_1149049	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1149055	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1149066	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1149069	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1149089, EPI_ISL_1149116, EPI_ISL_1149132, EPI_ISL_1149229, EPI_ISL_1149255	Diagnosticum - Labor Neukirchen	Robert Koch Institute	unknown
EPI_ISL_1149311, EPI_ISL_1149313, EPI_ISL_1149314, EPI_ISL_1149316, EPI_ISL_1149320, EPI_ISL_1149321, EPI_ISL_1149323	Universitätsklinikum Essen	Robert Koch Institute	unknown
EPI_ISL_1149327	amedes MVZ DIAMEDIS Sennestadt	Robert Koch Institute	unknown
EPI_ISL_1149340	amedes MVZ Halle/Leipzig	Robert Koch Institute	unknown
EPI_ISL_1149345	amedes MVZ Hannover	Robert Koch Institute	unknown
EPI_ISL_1149351, EPI_ISL_1149369, EPI_ISL_1149373	amedes MVZ Jena	Robert Koch Institute	unknown
EPI_ISL_1149390	amedes MVZ DIAMEDIS Sennestadt	Robert Koch Institute	unknown
EPI_ISL_1149391, EPI_ISL_1149404	amedes MVZ Jena	Robert Koch Institute	unknown
EPI_ISL_1149415	amedes Göttingen	Robert Koch Institute	unknown
EPI_ISL_1149432	amedes MVZ Jena	Robert Koch Institute	unknown
EPI_ISL_1149477	amedes MVZ für Labordiagnostik Rhein-Main	Robert Koch Institute	unknown
EPI_ISL_1149496, EPI_ISL_1149502	amedes MVZ Hannover	Robert Koch Institute	unknown
EPI_ISL_1150023	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1150026	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1150030, EPI_ISL_1150034	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1150047	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1150050, EPI_ISL_1150053, EPI_ISL_1150055, EPI_ISL_1150060	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1150061	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1150063	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1150065	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1150066	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown

EPI_ISL_1150069	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1150071, EPI_ISL_1150074, EPI_ISL_1150093, EPI_ISL_1150103, EPI_ISL_1150104, EPI_ISL_1150111, EPI_ISL_1150115, EPI_ISL_1150123, EPI_ISL_1150127	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1150131	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1150132	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1150139	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1150141	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1150157, EPI_ISL_1150166	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1150178	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1150197	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1150214	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1150221, EPI_ISL_1150223	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1150224	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1150227	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1150241	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1150255	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1150257	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1150261	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1150264	St. Georg Klinikum Eisenach gGmbH	Robert Koch Institute	unknown
EPI_ISL_1150267	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1150269, EPI_ISL_1150278	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1150282	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1150286, EPI_ISL_1150292	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1150294	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1150307, EPI_ISL_1150310	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1150316	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1150318, EPI_ISL_1150333, EPI_ISL_1150336, EPI_ISL_1150340	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1150350	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1150366	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1150368	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1150376	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1150380	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1150460	MVZ Dr. Eberhard & Partner Dortmund	Robert Koch Institute	unknown
EPI_ISL_1150464, EPI_ISL_1150465, EPI_ISL_1150468	Labor Dr. Heidrich & Kollegen MVZ GmbH Hamburg	Robert Koch Institute	unknown
EPI_ISL_1150470, EPI_ISL_1150472, EPI_ISL_1150473	Medizinisch-Diagnostisches Labor Kempten allgäulab	Robert Koch Institute	unknown
EPI_ISL_1150475, EPI_ISL_1150476	Labor Dr. Heidrich & Kollegen MVZ GmbH Hamburg	Robert Koch Institute	unknown
EPI_ISL_1150478, EPI_ISL_1150481	Medizinisch-Diagnostisches Labor Kempten allgäulab	Robert Koch Institute	unknown
EPI_ISL_1150486, EPI_ISL_1150493, EPI_ISL_1150494, EPI_ISL_1150498, EPI_ISL_1150499, EPI_ISL_1150501, EPI_ISL_1150509, EPI_ISL_1150510, EPI_ISL_1150511, EPI_ISL_1150518, EPI_ISL_1150522, EPI_ISL_1150524, EPI_ISL_1150525			
see above	Med. Labor Prof. Schenk Dr. Ansorge & Kollegen	Robert Koch Institute	unknown
EPI_ISL_1150532, EPI_ISL_1150589	Diagnosticum - Labor Neukirchen	Robert Koch Institute	unknown
EPI_ISL_1150703	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1150710	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1150713, EPI_ISL_1150721, EPI_ISL_1150736, EPI_ISL_1150737, EPI_ISL_1150740	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1150769	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1150777	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1150783	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1150791, EPI_ISL_1150793	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1150795	SYNLAB Labor München Zentrum LMZ	Robert Koch Institute	unknown
EPI_ISL_1150799	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1150806	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1150820, EPI_ISL_1150826, EPI_ISL_1150845	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1150857	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1150900	SYNLAB MVZ Weiden	Robert Koch Institute	unknown



EPI_ISL_1150902	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1150919	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1150929	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1150940, EPI_ISL_1150943, EPI_ISL_1150944, EPI_ISL_1150970, EPI_ISL_1151014	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151023	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1151031, EPI_ISL_1151038	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151043	Synlab MVZ Augsburg	Robert Koch Institute	unknown
EPI_ISL_1151052	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151058	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1151077, EPI_ISL_1151079	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151111, EPI_ISL_1151117	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1151125, EPI_ISL_1151132	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151143	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1151160, EPI_ISL_1151181, EPI_ISL_1151232, EPI_ISL_1151236, EPI_ISL_1151243, EPI_ISL_1151266, EPI_ISL_1151267, EPI_ISL_1151268	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151280	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1151285	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151303	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1151305, EPI_ISL_1151308, EPI_ISL_1151314, EPI_ISL_1151339, EPI_ISL_1151352	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151358	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1151372, EPI_ISL_1151392	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151400, EPI_ISL_1151401, EPI_ISL_1151406, EPI_ISL_1151408	Thüringer Landesamtes für Verbraucherschutz	Robert Koch Institute	unknown
EPI_ISL_1151415	Labor Dr. Schumacher MVZ	Robert Koch Institute	unknown
EPI_ISL_1151417	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151423, EPI_ISL_1151428	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1151429	Labor Dr. Schumacher MVZ	Robert Koch Institute	unknown
EPI_ISL_1151430	Labor für medizinische Mikrobiologie Bakteriologie Mykologie Virologie & Infektionsserologie	Robert Koch Institute	unknown
EPI_ISL_1151436	Synlab MVZ Augsburg	Robert Koch Institute	unknown
EPI_ISL_1151442, EPI_ISL_1151445	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151447	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1151454	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151462	Synlab MVZ Augsburg	Robert Koch Institute	unknown
EPI_ISL_1151465	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151469	Labor Dr. Schumacher MVZ	Robert Koch Institute	unknown
EPI_ISL_1151471, EPI_ISL_1151473	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151474	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1151487, EPI_ISL_1151500	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151513	Synlab MVZ Augsburg	Robert Koch Institute	unknown
EPI_ISL_1151515	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151530	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1151533	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1151542	Praxisgemeinschaft für Laboratoriumsmedizin Labor Blumenstraße; Praxis Dr. Sel und Dr. Späte	Robert Koch Institute	unknown
EPI_ISL_1151545, EPI_ISL_1151550, EPI_ISL_1151564, EPI_ISL_1151574	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151578	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1151579	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1151582, EPI_ISL_1151591	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151599	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1151607	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1151610	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151619	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1151624	Praxisgemeinschaft für Laboratoriumsmedizin Labor Blumenstraße; Praxis Dr. E. Wietschel & Dr. F. Wietschel	Robert Koch Institute	unknown
EPI_ISL_1151627, EPI_ISL_1151634,	SYNLAB MVZ Trier	Robert Koch Institute	unknown

EPI_ISL_1151639			
EPI_ISL_1151642	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151646	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1151650	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151652	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1151653	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1151655, EPI_ISL_1151657	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1151670	Praxisgemeinschaft für Laboratoriumsmedizin Labor Blumenstraße; Praxis Dr. Sel und Dr. Späte	Robert Koch Institute	unknown
EPI_ISL_1151675	Praxisgemeinschaft für Laboratoriumsmedizin Labor Blumenstraße; Praxis Dr. E. Wietschel & Dr. F. Wietschel	Robert Koch Institute	unknown
EPI_ISL_1151676	Labor für medizinische Mikrobiologie Bakteriologie Mykologie Virologie & Infektionsserologie	Robert Koch Institute	unknown
EPI_ISL_1151679	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1151694	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1151695	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151696	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1151699	SYNLAB MVZ Dachau	Robert Koch Institute	unknown
EPI_ISL_1151703	Labor Dr. Schumacher MVZ	Robert Koch Institute	unknown
EPI_ISL_1151707	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1151713	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151724	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1151725	Synlab MVZ Augsburg	Robert Koch Institute	unknown
EPI_ISL_1151739	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1151747	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1151762	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1151766	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1151767	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1151772	Uniklinikum Carl Gustav Carus an der TU Dresden; Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1151773	Städtisches Klinikum Dresden	Robert Koch Institute	unknown
EPI_ISL_1151774	Uniklinikum Carl Gustav Carus an der TU Dresden; Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1151775	Städtisches Klinikum Dresden	Robert Koch Institute	unknown
EPI_ISL_1151776	Uniklinikum Carl Gustav Carus an der TU Dresden; Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1151777	Städtisches Klinikum Dresden	Robert Koch Institute	unknown
EPI_ISL_1151778	Uniklinikum Carl Gustav Carus an der TU Dresden; Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1151781	LABOR CHEMNITZ - Zentrum für Diagnostik am Klinikum Chemnitz	Robert Koch Institute	unknown
EPI_ISL_1151784, EPI_ISL_1151785, EPI_ISL_1151786	Uniklinikum Carl Gustav Carus an der TU Dresden; Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1151788	Städtisches Klinikum Dresden	Robert Koch Institute	unknown
EPI_ISL_1151790	Oberlausitz Kliniken gGmbH	Robert Koch Institute	unknown
EPI_ISL_1151791	Uniklinikum Carl Gustav Carus an der TU Dresden; Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1151792	Städtisches Klinikum Dresden	Robert Koch Institute	unknown
EPI_ISL_1151793	Uniklinikum Carl Gustav Carus an der TU Dresden; Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1151795	Städtisches Klinikum Dresden	Robert Koch Institute	unknown
EPI_ISL_1151796	Uniklinikum Carl Gustav Carus an der TU Dresden; Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1151797	Städtisches Klinikum Dresden	Robert Koch Institute	unknown
EPI_ISL_1151799, EPI_ISL_1151800	Uniklinikum Carl Gustav Carus an der TU Dresden; Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1151801	Städtisches Klinikum Dresden	Robert Koch Institute	unknown
EPI_ISL_1151803, EPI_ISL_1151804	Uniklinikum Carl Gustav Carus an der TU Dresden; Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1151805, EPI_ISL_1151806, EPI_ISL_1151807	Städtisches Klinikum Dresden	Robert Koch Institute	unknown
EPI_ISL_1151808	Uniklinikum Carl Gustav Carus an der TU Dresden; Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1151895	IMD - Labor Oderland	Robert Koch Institute	unknown

EPI_ISL_1151896	IMD - Medizinisches Labor Rostock	Robert Koch Institute	unknown
EPI_ISL_1151897, EPI_ISL_1151898	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1151899	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1151900, EPI_ISL_1151901	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1151902, EPI_ISL_1151903	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1151904	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1151906	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1151907	IMD - Medizinisches Labor Rostock	Robert Koch Institute	unknown
EPI_ISL_1151908, EPI_ISL_1151909	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1151910, EPI_ISL_1151911, EPI_ISL_1151912, EPI_ISL_1151913, EPI_ISL_1151914	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1151915, EPI_ISL_1151916, EPI_ISL_1151917, EPI_ISL_1151919	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1151920	IMD - Medizinisches Labor Rostock	Robert Koch Institute	unknown
EPI_ISL_1151921	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1151922, EPI_ISL_1151924, EPI_ISL_1151925, EPI_ISL_1151926, EPI_ISL_1151929	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1151930	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1151931, EPI_ISL_1151932, EPI_ISL_1151933, EPI_ISL_1151934	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1151935	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1151936	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1151937, EPI_ISL_1151938	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1151940, EPI_ISL_1151941	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1151942	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1151943	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1151944	IMD - Medizinisches Labor Rostock	Robert Koch Institute	unknown
EPI_ISL_1151945	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1151946, EPI_ISL_1151947, EPI_ISL_1151948, EPI_ISL_1151949, EPI_ISL_1151951, EPI_ISL_1151952, EPI_ISL_1151953	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1151954	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1151955, EPI_ISL_1151956	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1151957	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1151958, EPI_ISL_1151959	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1151960	IMD - Medizinisches Labor Rostock	Robert Koch Institute	unknown
EPI_ISL_1151961, EPI_ISL_1151962, EPI_ISL_1151963	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1151964, EPI_ISL_1151965	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1151966	IMD - Institut für Medizinische Diagnostik Berlin-Potsdam	Robert Koch Institute	unknown
EPI_ISL_1151967	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1151968	IMD - MVZ Labor Greifswald	Robert Koch Institute	unknown
EPI_ISL_1151969, EPI_ISL_1151970	IMD - Institut für Medizinische Diagnostik Berlin-Potsdam	Robert Koch Institute	unknown
EPI_ISL_1151971	IMD - MVZ Labor Greifswald	Robert Koch Institute	unknown
EPI_ISL_1151973	IMD - Institut für Medizinische Diagnostik Berlin-Potsdam	Robert Koch Institute	unknown
EPI_ISL_1151974, EPI_ISL_1151975	IMD - MVZ Labor Greifswald	Robert Koch Institute	unknown
EPI_ISL_1151976, EPI_ISL_1151978, EPI_ISL_1151980, EPI_ISL_1151981	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1151982, EPI_ISL_1151983, EPI_ISL_1151984	IMD - Institut für Medizinische Diagnostik Berlin-Potsdam	Robert Koch Institute	unknown
EPI_ISL_1151985, EPI_ISL_1151986, EPI_ISL_1151988	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1151989, EPI_ISL_1151990	IMD - MVZ Labor Greifswald	Robert Koch Institute	unknown
EPI_ISL_1151991	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1151999, EPI_ISL_1152000, EPI_ISL_1152001, EPI_ISL_1152002	Limbach - MVZ Humangenetik Ulm	Robert Koch Institute	unknown
EPI_ISL_1152010, EPI_ISL_1152011	Medizinisch-Diagnostisches Labor Kempten allgäulab	Robert Koch Institute	unknown
EPI_ISL_1152013	Labor Dr. Heidrich & Kollegen MVZ GmbH Hamburg	Robert Koch Institute	unknown
EPI_ISL_1152014, EPI_ISL_1152015, EPI_ISL_1152017, EPI_ISL_1152019, EPI_ISL_1152020, EPI_ISL_1152023, EPI_ISL_1152024, EPI_ISL_1152025, EPI_ISL_1152026, EPI_ISL_1152027, EPI_ISL_1152028, EPI_ISL_1152029, EPI_ISL_1152030, EPI_ISL_1152031, EPI_ISL_1152032, EPI_ISL_1152033, EPI_ISL_1152035, EPI_ISL_1152036, EPI_ISL_1152037, EPI_ISL_1152038, EPI_ISL_1152039, EPI_ISL_1152040, EPI_ISL_1152041			
see above	Medizinisch-Diagnostisches Labor Kempten allgäulab	Robert Koch Institute	unknown

EPI_ISL_1152396, EPI_ISL_1152407	Universitätsklinikum Leipzig - Institut für Medizinische Mikrobiologie und Virologie virologisches Labor	Robert Koch Institute	unknown
EPI_ISL_1152526, EPI_ISL_1152528	Labormedizin Darmstadt	Robert Koch Institute	unknown
EPI_ISL_1152533	MVZ Labor Dr. Reising-Ackermann und Kollegen	Robert Koch Institute	unknown
EPI_ISL_1152556, EPI_ISL_1152567	Limbach - MVZ Labor Eveld & Kollegen Essen	Robert Koch Institute	unknown
EPI_ISL_1152571, EPI_ISL_1152589, EPI_ISL_1152593, EPI_ISL_1152600	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1152606	Limbach - Ganzimmun Diagnostics AG Mainz	Robert Koch Institute	unknown
EPI_ISL_1152607	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1152623	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1152626	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1152629	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1152631	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1152640	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1152645	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1152654	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1152656	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1152657	Labor für medizinische Mikrobiologie Bakteriologie Mykologie Virologie & Infektionsserologie	Robert Koch Institute	unknown
EPI_ISL_1152659	SYNLAB MVZ Hamburg	Robert Koch Institute	unknown
EPI_ISL_1152660	Labor für medizinische Mikrobiologie Bakteriologie Mykologie Virologie & Infektionsserologie	Robert Koch Institute	unknown
EPI_ISL_1152665	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1152666	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1152671	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1152681, EPI_ISL_1152683	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1152694	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1152701	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1152708	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1152711	SYNLAB MVZ Hamburg	Robert Koch Institute	unknown
EPI_ISL_1152712, EPI_ISL_1152714	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1152719, EPI_ISL_1152721, EPI_ISL_1152722	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1152732	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1152744	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1152745	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1152746	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1152752	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1152778	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1152779, EPI_ISL_1152784, EPI_ISL_1152785	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1152786	SYNLAB MVZ Hamburg	Robert Koch Institute	unknown
EPI_ISL_1152792	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1152793, EPI_ISL_1152799, EPI_ISL_1152806	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1152807	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1152810	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1152811	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1152812	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1152820	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1152826, EPI_ISL_1152828	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1152830	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1152835	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1152841, EPI_ISL_1152851, EPI_ISL_1152853	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1152856, EPI_ISL_1152865, EPI_ISL_1152867	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1152870	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1152872	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1152873, EPI_ISL_1152878	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1152880	SYNLAB MVZ Berlin	Robert Koch Institute	unknown

EPI_ISL_1152884	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1152886, EPI_ISL_1152889	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1152891	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1152903, EPI_ISL_1152909, EPI_ISL_1152912, EPI_ISL_1152914, EPI_ISL_1152920	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1152922	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1152929, EPI_ISL_1152933, EPI_ISL_1152936, EPI_ISL_1152937, EPI_ISL_1152942	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1152946	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1152947	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1152956	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1152961, EPI_ISL_1152968, EPI_ISL_1152975, EPI_ISL_1152980, EPI_ISL_1152981, EPI_ISL_1152983, EPI_ISL_1152984, EPI_ISL_1152985	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1152988	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1152995	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1153006	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1153007, EPI_ISL_1153010, EPI_ISL_1153011	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1153014	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1153019, EPI_ISL_1153028, EPI_ISL_1153033, EPI_ISL_1153034	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1153046	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1153050, EPI_ISL_1153052, EPI_ISL_1153061, EPI_ISL_1153063, EPI_ISL_1153072	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1153074	Synlab MVZ Augsburg	Robert Koch Institute	unknown
EPI_ISL_1153088	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1153099, EPI_ISL_1153103, EPI_ISL_1153108, EPI_ISL_1153112, EPI_ISL_1153117, EPI_ISL_1153118	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1153165, EPI_ISL_1153167, EPI_ISL_1153168, EPI_ISL_1153169, EPI_ISL_1153170, EPI_ISL_1153171, EPI_ISL_1153172, EPI_ISL_1153173, EPI_ISL_1153174, EPI_ISL_1153178, EPI_ISL_1153179, EPI_ISL_1153180, EPI_ISL_1153181, EPI_ISL_1153183, EPI_ISL_1153184, EPI_ISL_1153185, EPI_ISL_1153186, EPI_ISL_1153187, EPI_ISL_1153189, EPI_ISL_1153192, EPI_ISL_1153193, EPI_ISL_1153194, EPI_ISL_1153195, EPI_ISL_1153196, EPI_ISL_1153197, EPI_ISL_1153199, EPI_ISL_1153200, EPI_ISL_1153201, EPI_ISL_1153202, EPI_ISL_1153203, EPI_ISL_1153204, EPI_ISL_1153205, EPI_ISL_1153206, EPI_ISL_1153207, EPI_ISL_1153208, EPI_ISL_1153209, EPI_ISL_1153210, EPI_ISL_1153211, EPI_ISL_1153212, EPI_ISL_1153213, EPI_ISL_1153214, EPI_ISL_1153215, EPI_ISL_1153216, EPI_ISL_1153219, EPI_ISL_1153220, EPI_ISL_1153221, EPI_ISL_1153223, EPI_ISL_1153224, EPI_ISL_1153225, EPI_ISL_1153227, EPI_ISL_1153228, EPI_ISL_1153229, EPI_ISL_1153230, EPI_ISL_1153231, EPI_ISL_1153233, EPI_ISL_1153234, EPI_ISL_1153235, EPI_ISL_1153236, EPI_ISL_1153237, EPI_ISL_1153238, EPI_ISL_1153239, EPI_ISL_1153241, EPI_ISL_1153242			
see above	Eurofins LifeCodexx GmbH	Robert Koch Institute	unknown
EPI_ISL_1153255	Sonic - Labor Staber Bayreuth	Robert Koch Institute	unknown
EPI_ISL_1153264, EPI_ISL_1153265, EPI_ISL_1153283, EPI_ISL_1153292, EPI_ISL_1153296	Sonic - Labor Staber Dresden (Klipphausen)	Robert Koch Institute	unknown
EPI_ISL_1153448	Chemische und Veterinäruntersuchungsamt Münsterland-Emscher-Lippe	Robert Koch Institute	unknown
EPI_ISL_1153522	Labor Lübeck bzw. Laborärztliche Gemeinschaftspraxis Lübeck	Robert Koch Institute	unknown
EPI_ISL_1153532, EPI_ISL_1153533, EPI_ISL_1153534, EPI_ISL_1153536	Chemische und Veterinäruntersuchungsamt Münsterland-Emscher-Lippe	Robert Koch Institute	unknown
EPI_ISL_1153541, EPI_ISL_1153542	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1153543	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1153544	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1153547	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1153560	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1153561	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1153565, EPI_ISL_1153568	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1153572	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1153573, EPI_ISL_1153576, EPI_ISL_1153578, EPI_ISL_1153581	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1153583	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1153586, EPI_ISL_1153587, EPI_ISL_1153588	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1153595	Synlab MVZ Augsburg	Robert Koch Institute	unknown
EPI_ISL_1153602	SYNLAB MVZ Dachau	Robert Koch Institute	unknown
EPI_ISL_1153606, EPI_ISL_1153608, EPI_ISL_1153610, EPI_ISL_1153611, EPI_ISL_1153618	SYNLAB MVZ Weiden	Robert Koch Institute	unknown

EPI_ISL_1153624	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1153664, EPI_ISL_1153666	MVZ Labor Dr. Fenner und Kollegen (Standort Hamburg)	Robert Koch Institute	unknown
EPI_ISL_1153966	Limbach - MVZ Gemeinschaftslabor Suhl	Robert Koch Institute	unknown
EPI_ISL_1153968	MVZ Labor Dr. Reising-Ackermann und Kollegen	Robert Koch Institute	unknown
EPI_ISL_1153969, EPI_ISL_1153970	Limbach - MVZ Labor Eveld & Kollegen Essen	Robert Koch Institute	unknown
EPI_ISL_1153971	Labor MönchengladbachMVZ Dr. Stein + Kollegen GbR	Robert Koch Institute	unknown
EPI_ISL_1153974	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1153978	Labor MönchengladbachMVZ Dr. Stein + Kollegen GbR	Robert Koch Institute	unknown
EPI_ISL_1153979, EPI_ISL_1153982	Limbach - MVZ Gemeinschaftslabor Suhl	Robert Koch Institute	unknown
EPI_ISL_1153985, EPI_ISL_1153986	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1153987	Limbach - MVZ Labor Eveld & Kollegen Essen	Robert Koch Institute	unknown
EPI_ISL_1153988	Limbach - MVZ Gemeinschaftslabor Suhl	Robert Koch Institute	unknown
EPI_ISL_1153991, EPI_ISL_1153992	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1153993	Limbach - MVZ Labor Eveld & Kollegen Essen	Robert Koch Institute	unknown
EPI_ISL_1153995, EPI_ISL_1153997	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1153998	Limbach - MVZ Labor Eveld & Kollegen Essen	Robert Koch Institute	unknown
EPI_ISL_1153999, EPI_ISL_1154000	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1154003, EPI_ISL_1154005	Limbach - MVZ Labor Eveld & Kollegen Essen	Robert Koch Institute	unknown
EPI_ISL_1154006	Labor MönchengladbachMVZ Dr. Stein + Kollegen GbR	Robert Koch Institute	unknown
EPI_ISL_1154008	Limbach - MVZ Labor Eveld & Kollegen Essen	Robert Koch Institute	unknown
EPI_ISL_1154009, EPI_ISL_1154010, EPI_ISL_1154011, EPI_ISL_1154013, EPI_ISL_1154015	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1154016, EPI_ISL_1154017	Limbach - MVZ Labor Eveld & Kollegen Essen	Robert Koch Institute	unknown
EPI_ISL_1154018, EPI_ISL_1154020, EPI_ISL_1154021	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1154023, EPI_ISL_1154024	Limbach - MVZ Labor Eveld & Kollegen Essen	Robert Koch Institute	unknown
EPI_ISL_1154026, EPI_ISL_1154027	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1154028	Limbach - MVZ Labor Eveld & Kollegen Essen	Robert Koch Institute	unknown
EPI_ISL_1154029	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1154030, EPI_ISL_1154032	Limbach - MVZ Labor Eveld & Kollegen Essen	Robert Koch Institute	unknown
EPI_ISL_1154034, EPI_ISL_1154036	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1154038	Limbach - MVZ Gemeinschaftslabor Suhl	Robert Koch Institute	unknown
EPI_ISL_1154039, EPI_ISL_1154041, EPI_ISL_1154042, EPI_ISL_1154043	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1154044	MVZ Labor Dr. Limbach & Kollegen GbR	Robert Koch Institute	unknown
EPI_ISL_1154045	MDI Limbach Berlin GmbH	Robert Koch Institute	unknown
EPI_ISL_1154046	Limbach - MVZ Labor Eveld & Kollegen Essen	Robert Koch Institute	unknown
EPI_ISL_1154184, EPI_ISL_1154188	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1154189	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1154190, EPI_ISL_1154191	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1154192	SYNLAB MVZ Hamburg	Robert Koch Institute	unknown
EPI_ISL_1154195	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1154198	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1154199	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1154202	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1154206	Praxisgemeinschaft für Laboratoriumsmedizin Labor Blumenstraße; Praxis Dr. Sel und Dr. Späte	Robert Koch Institute	unknown
EPI_ISL_1154207	SYNLAB MVZ Hamburg	Robert Koch Institute	unknown
EPI_ISL_1154212	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1154215	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1154217	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1154218, EPI_ISL_1154224	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1154227	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1154232, EPI_ISL_1154234	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1154237	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1154238	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1154239	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1154240, EPI_ISL_1154242	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1154243, EPI_ISL_1154245, EPI_ISL_1154253, EPI_ISL_1154254	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown

EPI_ISL_1154255	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1154256	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1154257	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1154258	SYNLAB MVZ Hamburg	Robert Koch Institute	unknown
EPI_ISL_1154263	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1154265	SYNLAB MVZ Hamburg	Robert Koch Institute	unknown
EPI_ISL_1154271, EPI_ISL_1154272	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1154273	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1154275, EPI_ISL_1154276, EPI_ISL_1154279, EPI_ISL_1154284	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1154286	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1154287, EPI_ISL_1154291, EPI_ISL_1154292, EPI_ISL_1154294, EPI_ISL_1154295, EPI_ISL_1154297, EPI_ISL_1154299, EPI_ISL_1154300, EPI_ISL_1154301	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1154302	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1154304, EPI_ISL_1154309, EPI_ISL_1154311	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1154313	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1154319, EPI_ISL_1154322	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1154323	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1154324	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1154325	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1154330	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1154332	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1154333	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1154337	SYNLAB MVZ Hamburg	Robert Koch Institute	unknown
EPI_ISL_1154338, EPI_ISL_1154342	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1154343	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1154348, EPI_ISL_1154349, EPI_ISL_1154350	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1154354	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1154355, EPI_ISL_1154356	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1154357	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1154359	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1154361	Area Biologia Molecolare - Istituto Zooprofilattico Sperimentale della Sicilia	Area Biologia Molecolare - Istituto Zooprofilattico Sperimentale della Sicilia	REALE Stefano, SCIBETTA Silvia, PIAZZA Angela, BRUNO Gabriella, CASTELLI Germano, BRUNO Federica, VITALE Francesco, TRAMUTO Fabio, MAIDA Carmelo Massimo, MAZZUCCO Walter, DI NARO Daniela, RANDAZZO Giulia, VITALE Fabrizio
EPI_ISL_1154364, EPI_ISL_1154366	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1154369	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1154371	SYNLAB MVZ Hamburg	Robert Koch Institute	unknown
EPI_ISL_1154373	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1154376	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1154378	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1154379, EPI_ISL_1154380	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1154383, EPI_ISL_1154386	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1154387	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1154388	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1154389	SYNLAB MVZ Hamburg	Robert Koch Institute	unknown
EPI_ISL_1154391	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1154392	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1154394, EPI_ISL_1154399, EPI_ISL_1154406	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1154407	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1154416	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1154417	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1154418	SYNLAB MVZ Hamburg	Robert Koch Institute	unknown
EPI_ISL_1154419, EPI_ISL_1154421	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown
EPI_ISL_1154423	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1154424	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1154425	SYNLAB MVZ Ettlingen	Robert Koch Institute	unknown

EPI_ISL_1154426	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1154431	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1154438	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1154450	LabKom - Labor Hannover MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154459	LabKom - Labor Mainz MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154466	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154468	LabKom - Labor Hannover MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154473	LabKom - Labor Mainz MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154475	Universitätsklinikum Frankfurt - Institut für Medizinische Virologie	Robert Koch Institute	unknown
EPI_ISL_1154477	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154496	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1154501	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1154508	LabKom - Labor Mainz MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154509	LabKom - Labor Hamburg-Lübeck	Robert Koch Institute	unknown
EPI_ISL_1154513	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1154515	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154520	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1154523, EPI_ISL_1154530, EPI_ISL_1154544, EPI_ISL_1154549	LabKom - Labor Hannover MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154554	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154559	LabKom - Labor Hannover MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154566	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154569	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1154581	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154587	LabKom - Labor Mainz MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154591	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1154596	LabKom - Labor Hamburg-Lübeck	Robert Koch Institute	unknown
EPI_ISL_1154608	LabKom - Labor Mainz MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154627, EPI_ISL_1154635	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154636	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154638	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154640, EPI_ISL_1154646	LabKom - Labor Hannover MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154647	LabKom - Labor Mainz MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154653	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1154666, EPI_ISL_1154670	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154699	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1154701	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1154707	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154719	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1154723, EPI_ISL_1154727	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154729	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1154733	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154744, EPI_ISL_1154745	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154752	LabKom - Labor Mainz MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154759	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1154766	Sonic - Labor Staber MVZ Kassel	Robert Koch Institute	unknown
EPI_ISL_1154768	LabKom - Labor Hamburg-Lübeck	Robert Koch Institute	unknown
EPI_ISL_1154771	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1154773	LabKom - Labor Hannover MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154775, EPI_ISL_1154777	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1154825, EPI_ISL_1154833	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1154841	Labor 28 MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1154845	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1154849	Sonic - Bioscientia - MVZ Labor Saar GmbH	Robert Koch Institute	unknown
EPI_ISL_1154857	Universitätsklinikum Frankfurt - Institut für Medizinische Virologie	Robert Koch Institute	unknown
EPI_ISL_1154873, EPI_ISL_1154881	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1154890	Area Biologia Molecolare - Istituto Zooprofilattico Sperimentale della Sicilia	Area Biologia Molecolare - Istituto Zooprofilattico Sperimentale della Sicilia	REALE Stefano, SCIBETTA Silvia, PIAZZA Angela, BRUNO Gabriella, CASTELLI Germano, BRUNO Federica, VITALE Francesco, TRAMUTO Fabio, MAIDA Carmelo Massimo, MAZZUCCO Walter, DI NARO Daniela, RANDAZZO Giulia, VITALE Fabrizio



EPI_ISL_1154898	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1154899, EPI_ISL_1154900	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1154931	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1154974	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1154995	Labor 28 MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1155014	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1155049	Sonic - Bioscientia - MVZ Labor Saar GmbH	Robert Koch Institute	unknown
EPI_ISL_1155059	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1155070	Labor 28 MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1155103	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1155110	Sonic - Bioscientia - MVZ Labor Saar GmbH	Robert Koch Institute	unknown
EPI_ISL_1155113	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1155121	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1155202, EPI_ISL_1155204, EPI_ISL_1155205, EPI_ISL_1155208, EPI_ISL_1155209, EPI_ISL_1155210, EPI_ISL_1155211, EPI_ISL_1155213, EPI_ISL_1155215, EPI_ISL_1155216, EPI_ISL_1155218, EPI_ISL_1155219, EPI_ISL_1155220, EPI_ISL_1155221, EPI_ISL_1155223, EPI_ISL_1155225, EPI_ISL_1155226, EPI_ISL_1155227, EPI_ISL_1155228, EPI_ISL_1155230, EPI_ISL_1155231, EPI_ISL_1155232, EPI_ISL_1155233			
see above	Dianovis GmbH Greiz	Robert Koch Institute	unknown
EPI_ISL_1155329, EPI_ISL_1155330, EPI_ISL_1155331, EPI_ISL_1155332, EPI_ISL_1155333	Uniklinikum Regensburg; Institut für Mikrobiologie	Robert Koch Institute	unknown
EPI_ISL_1155334, EPI_ISL_1155335, EPI_ISL_1155337, EPI_ISL_1155338, EPI_ISL_1155339, EPI_ISL_1155340, EPI_ISL_1155343, EPI_ISL_1155356, EPI_ISL_1155359, EPI_ISL_1155362, EPI_ISL_1155363, EPI_ISL_1155364, EPI_ISL_1155367, EPI_ISL_1155368, EPI_ISL_1155372, EPI_ISL_1155374, EPI_ISL_1155376, EPI_ISL_1155377, EPI_ISL_1155379, EPI_ISL_1155380			
see above	Med. Labor Prof. Schenk Dr. Ansorge & Kollegen	Robert Koch Institute	unknown
EPI_ISL_1155576, EPI_ISL_1155581, EPI_ISL_1155596, EPI_ISL_1155617, EPI_ISL_1155622, EPI_ISL_1155624	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1155625	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1155629, EPI_ISL_1155640, EPI_ISL_1155654	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1155666	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1155670, EPI_ISL_1155675, EPI_ISL_1155676	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1155681	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1155684	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1155692	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1155696, EPI_ISL_1155707, EPI_ISL_1155719, EPI_ISL_1155731, EPI_ISL_1155746	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1155753	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1155763	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1155777	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1155783, EPI_ISL_1155784	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1155790	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1155796	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1155799, EPI_ISL_1155806	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1155809	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1155812, EPI_ISL_1155814, EPI_ISL_1155817	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1155852	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1155853	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1155854, EPI_ISL_1155857, EPI_ISL_1155863, EPI_ISL_1155864, EPI_ISL_1155867, EPI_ISL_1155879	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1155885	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	unknown
EPI_ISL_1155894, EPI_ISL_1155905	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1155946	Universitätsklinikum Leipzig - Institut für Medizinische Mikrobiologie und Virologie virologisches Labor	Robert Koch Institute	unknown
EPI_ISL_1155995, EPI_ISL_1155996	Praxisgemeinschaft für Laboratoriumsmedizin Labor Blumenstraße; Praxis Dr. Sel und Dr. Späte	Robert Koch Institute	unknown
EPI_ISL_1155997	Praxisgemeinschaft für Laboratoriumsmedizin Labor Blumenstraße; Praxis Dr. E. Wietschel & Dr. F. Wietschel	Robert Koch Institute	unknown
EPI_ISL_1156000	Praxisgemeinschaft für Laboratoriumsmedizin Labor Blumenstraße; Praxis Dr. Sel und Dr. Späte	Robert Koch Institute	unknown
EPI_ISL_1156237, EPI_ISL_1156318	Diagnosticum - Labor Neukirchen	Robert Koch Institute	unknown
EPI_ISL_1156362, EPI_ISL_1156363, EPI_ISL_1156364, EPI_ISL_1156366,	Chemische und Veterinäruntersuchungsamt Münsterland-Emscher-Lippe	Robert Koch Institute	unknown

EPI_ISL_1156368, EPI_ISL_1156369			
EPI_ISL_1156371, EPI_ISL_1156372, EPI_ISL_1156373	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1156374	IMD - MVZ Labor Greifswald	Robert Koch Institute	unknown
EPI_ISL_1156375	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1156376	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1156377, EPI_ISL_1156378, EPI_ISL_1156379	IMD - MVZ Labor Greifswald	Robert Koch Institute	unknown
EPI_ISL_1156380, EPI_ISL_1156381, EPI_ISL_1156382	IMD - Institut für Medizinische Diagnostik Berlin-Potsdam	Robert Koch Institute	unknown
EPI_ISL_1156383	IMD - MVZ Labor Greifswald	Robert Koch Institute	unknown
EPI_ISL_1156384	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1156385	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1156386	IMD - Institut für Medizinische Diagnostik Berlin-Potsdam	Robert Koch Institute	unknown
EPI_ISL_1156387	IMD - MVZ Labor Greifswald	Robert Koch Institute	unknown
EPI_ISL_1156388	IMD - Institut für Medizinische Diagnostik Berlin-Potsdam	Robert Koch Institute	unknown
EPI_ISL_1156389, EPI_ISL_1156390	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1156391	IMD - MVZ Labor Greifswald	Robert Koch Institute	unknown
EPI_ISL_1156392	IMD - Institut für Medizinische Diagnostik Berlin-Potsdam	Robert Koch Institute	unknown
EPI_ISL_1156394, EPI_ISL_1156395, EPI_ISL_1156396	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1156397, EPI_ISL_1156398, EPI_ISL_1156399	IMD - MVZ Labor Greifswald	Robert Koch Institute	unknown
EPI_ISL_1156400	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1156401, EPI_ISL_1156402	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1156403	IMD - MVZ Labor Greifswald	Robert Koch Institute	unknown
EPI_ISL_1156404, EPI_ISL_1156405, EPI_ISL_1156406, EPI_ISL_1156407, EPI_ISL_1156408, EPI_ISL_1156409, EPI_ISL_1156410, EPI_ISL_1156411	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1156412	IMD - MVZ Labor Greifswald	Robert Koch Institute	unknown
EPI_ISL_1156413, EPI_ISL_1156414	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1156415	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1156416	IMD - MVZ Labor Greifswald	Robert Koch Institute	unknown
EPI_ISL_1156418	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1156419	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1156420	IMD - MVZ Labor Greifswald	Robert Koch Institute	unknown
EPI_ISL_1156421, EPI_ISL_1156422	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1156423	IMD - MVZ Labor Greifswald	Robert Koch Institute	unknown
EPI_ISL_1156424, EPI_ISL_1156425	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1156426	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1156427, EPI_ISL_1156428	IMD - MVZ Labor Greifswald	Robert Koch Institute	unknown
EPI_ISL_1156429, EPI_ISL_1156430	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1156431, EPI_ISL_1156432	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1156433	IMD - MVZ Labor Greifswald	Robert Koch Institute	unknown
EPI_ISL_1156434	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1156435, EPI_ISL_1156436	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1156437, EPI_ISL_1156438	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1156439	IMD - MVZ Labor Greifswald	Robert Koch Institute	unknown
EPI_ISL_1156440	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1156441	IMD - MVZ Labor Greifswald	Robert Koch Institute	unknown
EPI_ISL_1156442	IMD - Institut für Medizinische Diagnostik Berlin-Potsdam	Robert Koch Institute	unknown
EPI_ISL_1156443, EPI_ISL_1156444	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1156510	St. Georg Klinikum Eisenach gGmbH	Robert Koch Institute	unknown
EPI_ISL_1156535	Sonic - Labor Dr. von Froreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1156643	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1156709	Bioscientia Labor Wermisdorf	Robert Koch Institute	unknown
EPI_ISL_1156753	Gesundheitszentrum Brandenburg an der Havel GmbH bzw. Institut für Laboratoriumsmedizin Brandenburg an der Havel	Robert Koch Institute	unknown
EPI_ISL_1156757	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1156808	amedes MVZ für Laboratoriumsdiagnostik Raubling GmbH	Robert Koch Institute	unknown
EPI_ISL_1156809	amedes MVZ für Laboratoriumsmedizin Rhein/Ruhr	Robert Koch Institute	unknown

EPI_ISL_1156826	amedes MVZ DIAMEDIS Sennestadt	Robert Koch Institute	unknown
EPI_ISL_1156838	amedes MVZ für Laboratoriumsmedizin Rhein/Ruhr	Robert Koch Institute	unknown
EPI_ISL_1156856	amedes MVZ DIAMEDIS Sennestadt	Robert Koch Institute	unknown
EPI_ISL_1156868	amedes MVZ für Laboratoriumsdiagnostik Raubling GmbH	Robert Koch Institute	unknown
EPI_ISL_1156887	amedes MVZ für Labordiagnostik Rhein-Main	Robert Koch Institute	unknown
EPI_ISL_1156888, EPI_ISL_1156900, EPI_ISL_1156903, EPI_ISL_1156911, EPI_ISL_1156913	amedes MVZ DIAMEDIS Sennestadt	Robert Koch Institute	unknown
EPI_ISL_1156928	amedes MVZ Hannover	Robert Koch Institute	unknown
EPI_ISL_1156929, EPI_ISL_1156935	amedes MVZ DIAMEDIS Sennestadt	Robert Koch Institute	unknown
EPI_ISL_1156936	amedes MVZ Halle/Leipzig	Robert Koch Institute	unknown
EPI_ISL_1156937, EPI_ISL_1156938	amedes MVZ DIAMEDIS Sennestadt	Robert Koch Institute	unknown
EPI_ISL_1156945, EPI_ISL_1156946	amedes MVZ Hannover	Robert Koch Institute	unknown
EPI_ISL_1156975, EPI_ISL_1156977	Labor Dr. Heidrich & Kollegen MVZ GmbH Hamburg	Robert Koch Institute	unknown
EPI_ISL_1156978	Medizinisch-Diagnostisches Labor Kempten allgäulab	Robert Koch Institute	unknown
EPI_ISL_1156979	Labor Dr. Heidrich & Kollegen MVZ GmbH Hamburg	Robert Koch Institute	unknown
EPI_ISL_1156983	Medizinisch-Diagnostisches Labor Kempten allgäulab	Robert Koch Institute	unknown
EPI_ISL_1156984	Labor Dr. Heidrich & Kollegen MVZ GmbH Hamburg	Robert Koch Institute	unknown
EPI_ISL_1156992	Medizinisch-Diagnostisches Labor Kempten allgäulab	Robert Koch Institute	unknown
EPI_ISL_1156994	Labor Dr. Heidrich & Kollegen MVZ GmbH Hamburg	Robert Koch Institute	unknown
EPI_ISL_1156995, EPI_ISL_1156996, EPI_ISL_1156997	Medizinisch-Diagnostisches Labor Kempten allgäulab	Robert Koch Institute	unknown
EPI_ISL_1156999, EPI_ISL_1157000	Labor Dr. Heidrich & Kollegen MVZ GmbH Hamburg	Robert Koch Institute	unknown
EPI_ISL_1157001, EPI_ISL_1157003	Medizinisch-Diagnostisches Labor Kempten allgäulab	Robert Koch Institute	unknown
EPI_ISL_1157014	Labor Dr. Heidrich & Kollegen MVZ GmbH Hamburg	Robert Koch Institute	unknown
EPI_ISL_1157016, EPI_ISL_1157019, EPI_ISL_1157023, EPI_ISL_1157026, EPI_ISL_1157030, EPI_ISL_1157032, EPI_ISL_1157034	Medizinisch-Diagnostisches Labor Kempten allgäulab	Robert Koch Institute	unknown
EPI_ISL_1157037, EPI_ISL_1157046	Labor Dr. Heidrich & Kollegen MVZ GmbH Hamburg	Robert Koch Institute	unknown
EPI_ISL_1157048, EPI_ISL_1157049, EPI_ISL_1157050	Medizinisch-Diagnostisches Labor Kempten allgäulab	Robert Koch Institute	unknown
EPI_ISL_1157051	Labor Dr. Heidrich & Kollegen MVZ GmbH Hamburg	Robert Koch Institute	unknown
EPI_ISL_1157053	Medizinisch-Diagnostisches Labor Kempten allgäulab	Robert Koch Institute	unknown
EPI_ISL_1157054, EPI_ISL_1157055	Labor Dr. Heidrich & Kollegen MVZ GmbH Hamburg	Robert Koch Institute	unknown
EPI_ISL_1157101, EPI_ISL_1157104, EPI_ISL_1157108, EPI_ISL_1157113, EPI_ISL_1157115	Chemische und Veterinäruntersuchungsamt Münsterland-Emscher-Lippe	Robert Koch Institute	unknown
EPI_ISL_1157168, EPI_ISL_1157169, EPI_ISL_1157171, EPI_ISL_1157172, EPI_ISL_1157173, EPI_ISL_1157174, EPI_ISL_1157175, EPI_ISL_1157176, EPI_ISL_1157177, EPI_ISL_1157178, EPI_ISL_1157179, EPI_ISL_1157181, EPI_ISL_1157182, EPI_ISL_1157183, EPI_ISL_1157185, EPI_ISL_1157186, EPI_ISL_1157187, EPI_ISL_1157188, EPI_ISL_1157189, EPI_ISL_1157190, EPI_ISL_1157191, EPI_ISL_1157192, EPI_ISL_1157193, EPI_ISL_1157194, EPI_ISL_1157195, EPI_ISL_1157196, EPI_ISL_1157197, EPI_ISL_1157198, EPI_ISL_1157199, EPI_ISL_1157201, EPI_ISL_1157202, EPI_ISL_1157203			
see above	Limbach - MVZ Humangenetik Ulm	Robert Koch Institute	unknown
EPI_ISL_1157204	Städtisches Klinikum Dresden	Robert Koch Institute	unknown
EPI_ISL_1157206, EPI_ISL_1157208	Uniklinikum Carl Gustav Carus an der TU Dresden; Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1157210	Medizinisches Labor Ostsachsen MVZ GbR Nebenbetriebsstätte Dresden	Robert Koch Institute	unknown
EPI_ISL_1157211	Uniklinikum Carl Gustav Carus an der TU Dresden; Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1157213, EPI_ISL_1157214	Städtisches Klinikum Dresden	Robert Koch Institute	unknown
EPI_ISL_1157215, EPI_ISL_1157218	Uniklinikum Carl Gustav Carus an der TU Dresden; Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1157221	Oberlausitz Kliniken gGmbH	Robert Koch Institute	unknown
EPI_ISL_1157222	Medizinisches Labor Ostsachsen MVZ GbR Nebenbetriebsstätte Dresden	Robert Koch Institute	unknown
EPI_ISL_1157223	Uniklinikum Carl Gustav Carus an der TU Dresden; Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1157225	Städtisches Klinikum Dresden	Robert Koch Institute	unknown
EPI_ISL_1157226	Uniklinikum Carl Gustav Carus an der TU Dresden; Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1157227	Medizinisches Labor Ostsachsen MVZ GbR Nebenbetriebsstätte Dresden	Robert Koch Institute	unknown
EPI_ISL_1157228	Städtisches Klinikum Dresden	Robert Koch Institute	unknown
EPI_ISL_1157231	Medizinisches Labor Ostsachsen MVZ GbR Nebenbetriebsstätte Dresden	Robert Koch Institute	unknown
EPI_ISL_1157234	Uniklinikum Carl Gustav Carus an der TU Dresden; Institut für	Robert Koch Institute	unknown

EPI_ISL_1157236	Virologie Medizinisches Labor Ostsachsen MVZ GbRNebenbetriebsstätte Dresden	Robert Koch Institute	unknown
EPI_ISL_1157237, EPI_ISL_1157239	Uniklinikum Carl Gustav Carus an der TU Dresden; Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1157240, EPI_ISL_1157242, EPI_ISL_1157243	Städtisches Klinikum Dresden	Robert Koch Institute	unknown
EPI_ISL_1157244, EPI_ISL_1157245, EPI_ISL_1157248, EPI_ISL_1157250	Uniklinikum Carl Gustav Carus an der TU Dresden; Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1157253	Städtisches Klinikum Dresden	Robert Koch Institute	unknown
EPI_ISL_1157255	Medizinisches Labor Ostsachsen MVZ GbRNebenbetriebsstätte Dresden	Robert Koch Institute	unknown
EPI_ISL_1157256, EPI_ISL_1157257, EPI_ISL_1157258, EPI_ISL_1157259	Uniklinikum Carl Gustav Carus an der TU Dresden; Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1157261	LABOR CHEMNITZ - Zentrum für Diagnostik am Klinikum Chemnitz	Robert Koch Institute	unknown
EPI_ISL_1157262	Medizinisches Labor Ostsachsen MVZ GbRNebenbetriebsstätte Dresden	Robert Koch Institute	unknown
EPI_ISL_1157263	Städtisches Klinikum Dresden	Robert Koch Institute	unknown
EPI_ISL_1157264	Oberlausitz Kliniken gGmbH	Robert Koch Institute	unknown
EPI_ISL_1157265	Uniklinikum Carl Gustav Carus an der TU Dresden; Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1157267	Oberlausitz Kliniken gGmbH	Robert Koch Institute	unknown
EPI_ISL_1157273	Medizinisches Labor Ostsachsen MVZ GbRNebenbetriebsstätte Dresden	Robert Koch Institute	unknown
EPI_ISL_1157275	Uniklinikum Carl Gustav Carus an der TU Dresden; Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1157276	Städtisches Klinikum Dresden	Robert Koch Institute	unknown
EPI_ISL_1157285, EPI_ISL_1157287, EPI_ISL_1157313, EPI_ISL_1157356	Bayerisches Landesamt für Gesundheit und Lebensmittelsicherheit (LGL)	Robert Koch Institute	unknown
EPI_ISL_1157364, EPI_ISL_1157368, EPI_ISL_1157370, EPI_ISL_1157371, EPI_ISL_1157372, EPI_ISL_1157376	Thüringer Landesamtes für Verbraucherschutz	Robert Koch Institute	unknown
EPI_ISL_1157378, EPI_ISL_1157380	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1157381, EPI_ISL_1157382	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1157383	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1157395	Synlab MVZ Augsburg	Robert Koch Institute	unknown
EPI_ISL_1157398	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1157400	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1157403	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1157410	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1157411	Synlab MVZ Augsburg	Robert Koch Institute	unknown
EPI_ISL_1157412	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1157416, EPI_ISL_1157425	Northwestern Memorial Hospital	Northwestern University - Ozer Lab	Ramon Lorenzo-Redondo, Lacy M. Simons, Taylor J. Dean, Chad J. Achenbach, Lawrence J. Jennings, Chao Qi, Michael G. Ison, Judd F. Hultquist, Egon A. Ozer
EPI_ISL_1157426	Synlab MVZ Augsburg	Robert Koch Institute	unknown
EPI_ISL_1157435	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1157442	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1157445	SYNLAB MVZ Dachau	Robert Koch Institute	unknown
EPI_ISL_1157480	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1157512	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1157513	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1157528	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1157531, EPI_ISL_1157540	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1157542	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1157543, EPI_ISL_1157544	Northwestern Memorial Hospital	Northwestern University - Ozer Lab	Ramon Lorenzo-Redondo, Lacy M. Simons, Taylor J. Dean, Chad J. Achenbach, Lawrence J. Jennings, Chao Qi, Michael G. Ison, Judd F. Hultquist, Egon A. Ozer
EPI_ISL_1157547	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1157549, EPI_ISL_1157551, EPI_ISL_1157553, EPI_ISL_1157555, EPI_ISL_1157556	Northwestern Memorial Hospital	Northwestern University - Ozer Lab	Ramon Lorenzo-Redondo, Lacy M. Simons, Taylor J. Dean, Chad J. Achenbach, Lawrence J. Jennings, Chao Qi, Michael G. Ison, Judd F. Hultquist, Egon A. Ozer
EPI_ISL_1157557	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1157558, EPI_ISL_1157560	Northwestern Memorial Hospital	Northwestern University - Ozer Lab	Ramon Lorenzo-Redondo, Lacy M. Simons, Taylor J. Dean, Chad J. Achenbach, Lawrence J. Jennings, Chao Qi, Michael G. Ison, Judd F. Hultquist, Egon A. Ozer
EPI_ISL_1157561	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown

EPI_ISL_1157562, EPI_ISL_1157563, EPI_ISL_1157565, EPI_ISL_1157567, EPI_ISL_1157569, EPI_ISL_1157570, EPI_ISL_1157572, EPI_ISL_1157574, EPI_ISL_1157576	Northwestern Memorial Hospital	Northwestern University - Ozer Lab	Ramon Lorenzo-Redondo, Lacy M. Simons, Taylor J. Dean, Chad J. Achenbach, Lawrence J. Jennings, Chao Qi, Michael G. Ison, Judd F. Hultquist, Egon A. Ozer
EPI_ISL_1157578	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1157579	Northwestern Memorial Hospital	Northwestern University - Ozer Lab	Ramon Lorenzo-Redondo, Lacy M. Simons, Taylor J. Dean, Chad J. Achenbach, Lawrence J. Jennings, Chao Qi, Michael G. Ison, Judd F. Hultquist, Egon A. Ozer
EPI_ISL_1157580	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1157581	Northwestern Memorial Hospital	Northwestern University - Ozer Lab	Ramon Lorenzo-Redondo, Lacy M. Simons, Taylor J. Dean, Chad J. Achenbach, Lawrence J. Jennings, Chao Qi, Michael G. Ison, Judd F. Hultquist, Egon A. Ozer
EPI_ISL_1157584	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1157585	Northwestern Memorial Hospital	Northwestern University - Ozer Lab	Ramon Lorenzo-Redondo, Lacy M. Simons, Taylor J. Dean, Chad J. Achenbach, Lawrence J. Jennings, Chao Qi, Michael G. Ison, Judd F. Hultquist, Egon A. Ozer
EPI_ISL_1157600	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1157603, EPI_ISL_1157605	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1157610	Synlab MVZ Augsburg	Robert Koch Institute	unknown
EPI_ISL_1157613	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1157615, EPI_ISL_1157627, EPI_ISL_1157629, EPI_ISL_1157637	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1157644	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1157646	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1157647	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1157650, EPI_ISL_1157651, EPI_ISL_1157655	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1157657	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1157658, EPI_ISL_1157660, EPI_ISL_1157663, EPI_ISL_1157672	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1157675	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1157676	Synlab MVZ Augsburg	Robert Koch Institute	unknown
EPI_ISL_1157677	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1157683	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1157684	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1157687, EPI_ISL_1157690, EPI_ISL_1157696	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1157703	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1157704	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1157714, EPI_ISL_1157718	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1157721, EPI_ISL_1157724	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1157730	Synlab MVZ Augsburg	Robert Koch Institute	unknown
EPI_ISL_1157731	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1157734, EPI_ISL_1157747	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1157750, EPI_ISL_1157754, EPI_ISL_1157755	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1157758	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1157759, EPI_ISL_1157760, EPI_ISL_1157761	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1157762	SYNLAB MVZ Heidelberg	Robert Koch Institute	unknown
EPI_ISL_1157773	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1157775	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1157778	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1157783	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1157787, EPI_ISL_1157799	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1157800, EPI_ISL_1157802	SYNLAB MVZ Trier	Robert Koch Institute	unknown
EPI_ISL_1157812, EPI_ISL_1157815, EPI_ISL_1157816, EPI_ISL_1157819, EPI_ISL_1157821	SYNLAB MVZ Weiden	Robert Koch Institute	unknown
EPI_ISL_1157823	SYNLAB MVZ Berlin	Robert Koch Institute	unknown
EPI_ISL_1158547, EPI_ISL_1158548	Laboratoire Vivalia - Cliniques St-Joseph	Plateforme de testing Namuroise	Maschietto Céline ; Otto Gaetan ; Denis Olivier ; Degosserie Jonathan ; Mullier François
EPI_ISL_1158642	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_1158937, EPI_ISL_1158939, EPI_ISL_1158940, EPI_ISL_1158941, EPI_ISL_1158942, EPI_ISL_1158943, EPI_ISL_1158944, EPI_ISL_1158945, EPI_ISL_1158946, EPI_ISL_1158947, EPI_ISL_1158949, EPI_ISL_1158950, EPI_ISL_1158951, EPI_ISL_1158952, EPI_ISL_1158953, EPI_ISL_1158954, EPI_ISL_1158955, EPI_ISL_1158956, EPI_ISL_1158957, EPI_ISL_1158958, EPI_ISL_1158960, EPI_ISL_1158961, EPI_ISL_1158963, EPI_ISL_1158964, EPI_ISL_1158965, EPI_ISL_1158966, EPI_ISL_1158967, EPI_ISL_1158968, EPI_ISL_1158969, EPI_ISL_1158971, EPI_ISL_1158973, EPI_ISL_1158974, EPI_ISL_1158975, EPI_ISL_1158976, EPI_ISL_1158980, EPI_ISL_1158981, EPI_ISL_1158982, EPI_ISL_1158983, EPI_ISL_1158985, EPI_ISL_1158991, EPI_ISL_1158992, EPI_ISL_1158993, EPI_ISL_1158996, EPI_ISL_1158999, EPI_ISL_1159000, EPI_ISL_1159002, EPI_ISL_1159003, EPI_ISL_1159005, EPI_ISL_1159006, EPI_ISL_1159012, EPI_ISL_1159016,			











	Center	Emmanouil Dermitzakis
EPI_ISL_1167128, EPI_ISL_1167134, EPI_ISL_1167170, EPI_ISL_1167171, EPI_ISL_1167181, EPI_ISL_1167182	Iressef Genomics lab	L'institut de Recherche en Santé, de Surveillance Épidémiologique et de Formation (IRESSEF)
EPI_ISL_1167218, EPI_ISL_1167233, EPI_ISL_1167234, EPI_ISL_1167235, EPI_ISL_1167236, EPI_ISL_1167237, EPI_ISL_1167238, EPI_ISL_1167239, EPI_ISL_1167240, EPI_ISL_1167241, EPI_ISL_1167242, EPI_ISL_1167243, EPI_ISL_1167244, EPI_ISL_1167245, EPI_ISL_1167246, EPI_ISL_1167247, EPI_ISL_1167251, EPI_ISL_1167252, EPI_ISL_1167253, EPI_ISL_1167254		Souleymane MBOUP, Abdou PADANE, Abdoulie KANTEH , Abdul Karim SESAY , Khadim GUEYE, Papa Alassane DIAW, Birahim Piere NDIAYE, Barada CISSE, Aminata MBOUP, Moustapha MBOW, Ndeye Coumba Toure KANE, Nafisatou LEYE, Gora LO, Ambroise AHOUIDI , Astou Gaye GAYE, Aminata DIA, Yacine DIA
see above	UW Virology Lab	Pavitra Rouchoudhury, Hong Xie, Lasata Shrestha, Shah Mohamed Bakhsh, Michelle Lin, Noah Baker, Meei-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_1167261, EPI_ISL_1167266, EPI_ISL_1167268, EPI_ISL_1167269, EPI_ISL_1167272, EPI_ISL_1167278, EPI_ISL_1167285, EPI_ISL_1167287, EPI_ISL_1167288, EPI_ISL_1167289, EPI_ISL_1167294		
see above	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_1167302, EPI_ISL_1167305, EPI_ISL_1167306	Laboratoire de santé publique du Québec	Sandrine Moreira, Ioannis Ragoussis, Guillaume Bourque, Jesse Shapiro, Mark Lathrop and Michel Roger on behalf of the CoVSeQ research group
EPI_ISL_1167408	ASL Napoli 1 Centro	"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_1167576, EPI_ISL_1167579, EPI_ISL_1167581, EPI_ISL_1167584, EPI_ISL_1167585, EPI_ISL_1167587, EPI_ISL_1167588, EPI_ISL_1167590, EPI_ISL_1167591, EPI_ISL_1167595, EPI_ISL_1167596, EPI_ISL_1167600, EPI_ISL_1167602, EPI_ISL_1167609, EPI_ISL_1167612, EPI_ISL_1167616, EPI_ISL_1167622, EPI_ISL_1167624, EPI_ISL_1167630, EPI_ISL_1167634, EPI_ISL_1167648, EPI_ISL_1167659, EPI_ISL_1167660, EPI_ISL_1167662		
see above	Ministry of Health Turkey	Fatma Bayrakdar, Yasemin Cosgun, Suleyman Yalcin, Gulay Korukluoglu
EPI_ISL_1168049, EPI_ISL_1168050	Klinisk mikrobiologi	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_1168051	A05	The Public Health Agency of Sweden
EPI_ISL_1168052	Klinisk Mikrobiologi	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_1168054, EPI_ISL_1168055, EPI_ISL_1168056, EPI_ISL_1168057, EPI_ISL_1168058	Mikrobiologen	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_1168063, EPI_ISL_1168064, EPI_ISL_1168065, EPI_ISL_1168067	Klinisk mikrobiologi	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_1168069	ABC labs	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_1168070, EPI_ISL_1168071, EPI_ISL_1168072, EPI_ISL_1168073, EPI_ISL_1168074, EPI_ISL_1168076, EPI_ISL_1168078, EPI_ISL_1168080, EPI_ISL_1168082, EPI_ISL_1168083, EPI_ISL_1168088, EPI_ISL_1168090, EPI_ISL_1168092, EPI_ISL_1168093		
see above	Klinisk mikrobiologi	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_1168094	Laboratoriemedicin, Klinisk mikrobiologi	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_1168096, EPI_ISL_1168097, EPI_ISL_1168098	NPC	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_1168104, EPI_ISL_1168105	A05 diagnostics	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_1168108, EPI_ISL_1168109, EPI_ISL_1168113, EPI_ISL_1168117, EPI_ISL_1168118, EPI_ISL_1168119, EPI_ISL_1168122, EPI_ISL_1168123, EPI_ISL_1168124, EPI_ISL_1168126, EPI_ISL_1168128, EPI_ISL_1168130, EPI_ISL_1168131, EPI_ISL_1168132, EPI_ISL_1168135, EPI_ISL_1168137, EPI_ISL_1168140, EPI_ISL_1168142, EPI_ISL_1168143, EPI_ISL_1168144, EPI_ISL_1168145, EPI_ISL_1168147, EPI_ISL_1168148, EPI_ISL_1168149, EPI_ISL_1168150, EPI_ISL_1168151, EPI_ISL_1168152, EPI_ISL_1168153, EPI_ISL_1168154, EPI_ISL_1168155, EPI_ISL_1168156, EPI_ISL_1168157, EPI_ISL_1168158, EPI_ISL_1168160, EPI_ISL_1168161		
see above	Klinisk mikrobiologi	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_1168162, EPI_ISL_1168163, EPI_ISL_1168164, EPI_ISL_1168165, EPI_ISL_1168166, EPI_ISL_1168167	Klinisk Mikrobiologi	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_1168168, EPI_ISL_1168169, EPI_ISL_1168170, EPI_ISL_1168171, EPI_ISL_1168172, EPI_ISL_1168173, EPI_ISL_1168174, EPI_ISL_1168175, EPI_ISL_1168176, EPI_ISL_1168177, EPI_ISL_1168178, EPI_ISL_1168179, EPI_ISL_1168180, EPI_ISL_1168181, EPI_ISL_1168182, EPI_ISL_1168183, EPI_ISL_1168184, EPI_ISL_1168186, EPI_ISL_1168187, EPI_ISL_1168188, EPI_ISL_1168189		
see above	Klinisk mikrobiologi	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_1168191	Hopital	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf
EPI_ISL_1168193, EPI_ISL_1168194	Hopital	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Hermann CéCile
EPI_ISL_1168195, EPI_ISL_1168197, EPI_ISL_1168198	Labo Analyses Med	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Lecorche
EPI_ISL_1168200	Labo Analyses Med	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Le Vicky
EPI_ISL_1168203	Armies	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_1168206, EPI_ISL_1168207, EPI_ISL_1168208	Hopital	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Labourdette Isabelle
EPI_ISL_1168212, EPI_ISL_1168213, EPI_ISL_1168214, EPI_ISL_1168215, EPI_ISL_1168216, EPI_ISL_1168217	Armies	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_1168219, EPI_ISL_1168220	Hopital	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Capron Nicolas
EPI_ISL_1168634, EPI_ISL_1168635, EPI_ISL_1168636, EPI_ISL_1168637, EPI_ISL_1168638, EPI_ISL_1168640, EPI_ISL_1168641, EPI_ISL_1168646, EPI_ISL_1168647, EPI_ISL_1168649, EPI_ISL_1168650, EPI_ISL_1168651, EPI_ISL_1168652		
see above	Instituto Nacional de Medicina Genomica	Hidalgo-Miranda A, Mendoza-Vargas A, Reyes-Grajeda JP, Cedro-Tanda A, Alcaraz N, Gonzalez-Barrera D, Rangel-DeLeon D, Ramirez-Vega O,

EPI_ISL_1168707, EPI_ISL_1168710, EPI_ISL_1168712, EPI_ISL_1168716, EPI_ISL_1168717, EPI_ISL_1168725	Houston Health Dept.	Houston Health Dept.	Sifuentes-Rojas C, Cisneros-Villanueva M, Herrera-Montalvo LA
			Ryker Penn, Pamela Brown, Adolpho Lara
EPI_ISL_1169050	National Institute of Health Research and Development	National Institute of Health Research and Development	Hartanti Dian Ikawati, Hana Apsari Pawestri, Subangkit, Kartika Dewi Puspa, Arie Ardiansyah Nugraha, risna Nur Andriana Pangesti, Yuni Rukminiati, Ririn Ramadhany, Agustiningsih, Kindi Adam, Holy Arif Wibowo, Triyani Soekarso, Ni Ketut Susilarini, Nurika Hariastuti, Ulyly Alfi Nikmah, Reni Herman, Nike Susanti, Herna, Tati Febriyanti, Natalie Laurencia Kipuw, Fauzul Muna, Irene Lorinda Indalao, Nelly Puspandari, Vivi Setiawaty.
EPI_ISL_1169052, EPI_ISL_1169053, EPI_ISL_1169054, EPI_ISL_1169055	National Institute of Health Research and Development	National Institute of Health Research and Development	Subangkit, Hana Apsari Pawestri, Kartika Dewi Puspa, Arie Ardiansyah Nugraha, Hartanti Dian Ikawati, Krisna Nur Andriana Pangesti, Yuni Rukminiati, Ririn Ramadhany, Agustiningsih, Kindi Adam, Holy Arif Wibowo, Triyani Soekarso, Ni Ketut Susilarini, Nurika Hariastuti, Ulyly Alfi Nikmah, Reni Herman, Nike Susanti, Herna, Tati Febriyanti, Natalie Laurencia Kipuw, Fauzul Muna, Irene Lorinda Indalao, Nelly Puspandari, Vivi Setiawaty.
EPI_ISL_1169056	National Institute of Health Research and Development	National Institute of Health Research and Development	Kartika Dewi Puspa, Hana Apsari Pawestri, Subangkit, Arie Ardiansyah Nugraha, Hartanti Dian Ikawati, Krisna Nur Andriana Pangesti, Yuni Rukminiati, Ririn Ramadhany, Agustiningsih, Kindi Adam, Holy Arif Wibowo, Triyani Soekarso, Ni Ketut Susilarini, Nurika Hariastuti, Ulyly Alfi Nikmah, Reni Herman, Nike Susanti, Herna, Tati Febriyanti, Natalie Laurencia Kipuw, Fauzul Muna, Irene Lorinda Indalao, Nelly Puspandari, Vivi Setiawaty.
EPI_ISL_1169057, EPI_ISL_1169058	National Institute of Health Research and Development	National Institute of Health Research and Development	Arie Ardiansyah Nugraha, Kartika Dewi Puspa, Hana Apsari Pawestri, Subangkit, , Hartanti Dian Ikawati, Krisna Nur Andriana Pangesti, Yuni Rukminiati, Ririn Ramadhany, Agustiningsih, Kindi Adam, Holy Arif Wibowo, Triyani Soekarso, Ni Ketut Susilarini, Nurika Hariastuti, Ulyly Alfi Nikmah, Reni Herman, Nike Susanti, Herna, Tati Febriyanti, Natalie Laurencia Kipuw, Fauzul Muna, Irene Lorinda Indalao, Nelly Puspandari, Vivi Setiawaty.
EPI_ISL_1169059, EPI_ISL_1169060	National Institute of Health Research and Development	National Institute of Health Research and Development	Hartanti Dian Ikawati, Hana Apsari Pawestri, Subangkit, Kartika Dewi Puspa, Arie Ardiansyah Nugraha, risna Nur Andriana Pangesti, Yuni Rukminiati, Ririn Ramadhany, Agustiningsih, Kindi Adam, Holy Arif Wibowo, Triyani Soekarso, Ni Ketut Susilarini, Nurika Hariastuti, Ulyly Alfi Nikmah, Reni Herman, Nike Susanti, Herna, Tati Febriyanti, Natalie Laurencia Kipuw, Fauzul Muna, Irene Lorinda Indalao, Nelly Puspandari, Vivi Setiawaty.
EPI_ISL_1169225, EPI_ISL_1169237, EPI_ISL_1169250	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_1169490	OR State PHL-Virology/Immunology Section	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1169645, EPI_ISL_1169646, EPI_ISL_1169648, EPI_ISL_1169649, EPI_ISL_1169650, EPI_ISL_1169651, EPI_ISL_1169653, EPI_ISL_1169654, EPI_ISL_1169656, EPI_ISL_1169660, EPI_ISL_1169661, EPI_ISL_1169662, EPI_ISL_1169663, EPI_ISL_1169664, EPI_ISL_1169665, EPI_ISL_1169666, EPI_ISL_1169667, EPI_ISL_1169668, EPI_ISL_1169669, EPI_ISL_1169670, EPI_ISL_1169671, EPI_ISL_1169672, EPI_ISL_1169673, EPI_ISL_1169674, EPI_ISL_1169689, EPI_ISL_1169693, EPI_ISL_1169718, EPI_ISL_1169719, EPI_ISL_1169721, EPI_ISL_1169722, EPI_ISL_1169723, EPI_ISL_1169724, EPI_ISL_1169725, EPI_ISL_1169727, EPI_ISL_1169729, EPI_ISL_1169730, EPI_ISL_1169731, EPI_ISL_1169735, EPI_ISL_1169737, EPI_ISL_1169738, EPI_ISL_1169739, EPI_ISL_1169740, EPI_ISL_1169742, EPI_ISL_1169743, EPI_ISL_1169744, EPI_ISL_1169747, EPI_ISL_1169748, EPI_ISL_1169749, EPI_ISL_1169752, EPI_ISL_1169753, EPI_ISL_1169760, EPI_ISL_1169763, EPI_ISL_1169767, EPI_ISL_1169770, EPI_ISL_1169771, EPI_ISL_1169774, EPI_ISL_1169777, EPI_ISL_1169778, EPI_ISL_1169779, EPI_ISL_1169784, EPI_ISL_1169786, EPI_ISL_1169788, EPI_ISL_1169789, EPI_ISL_1169790, EPI_ISL_1169791, EPI_ISL_1169795, EPI_ISL_1169801, EPI_ISL_1169802, EPI_ISL_1169803, EPI_ISL_1169805, EPI_ISL_1169806, EPI_ISL_1169807, EPI_ISL_1169809, EPI_ISL_1169810, EPI_ISL_1169816, EPI_ISL_1169817	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
see above	Hospital Universitari Joan XXIII de Tarragona	Hospital Universitari Vall d'Hebron	Cristina Andrés, Maria Piñana, Josep F Abril, Damir Garcia-Cehic, Ariadna Rando, Juliana Esperalba, Maria Gema Codina, Carla Castillo, Maria Carmen Martin, Tomás Pumarola, Josep Quer, Andrés Antón
EPI_ISL_1169853, EPI_ISL_1169854, EPI_ISL_1169855, EPI_ISL_1169856, EPI_ISL_1169857, EPI_ISL_1169858, EPI_ISL_1169859, EPI_ISL_1169861, EPI_ISL_1169862	Hospital Universitari Vall d'Hebron - Vall d'Hebron Institut de Rercerca	Hospital Universitari Vall d'Hebron	Cristina Andrés, Maria Piñana, Josep F Abril, Damir Garcia-Cehic, Ariadna Rando, Juliana Esperalba, Maria Gema Codina, Carla Castillo, Maria Carmen Martin, Tomás Pumarola, Josep Quer, Andrés Antón
EPI_ISL_1169867	Hospital Universitari Arnau de Vilanova	Hospital Universitari Vall d'Hebron	Cristina Andrés, Maria Piñana, Josep F Abril, Damir Garcia-Cehic, Ariadna Rando, Juliana Esperalba, Maria Gema Codina, Carla Castillo, Maria Carmen Martin, Tomás Pumarola, Josep Quer, Andrés Antón
EPI_ISL_1169868	Hospital Universitari Joan XXIII de Tarragona	Hospital Universitari Vall d'Hebron	Cristina Andrés, Maria Piñana, Josep F Abril, Damir Garcia-Cehic, Ariadna Rando, Juliana Esperalba, Maria Gema Codina, Carla Castillo, Maria Carmen Martin, Tomás Pumarola, Josep Quer, Andrés Antón
EPI_ISL_1169869	Hospital Universitari Vall d'Hebron - Vall d'Hebron Institut de Rercerca	Hospital Universitari Vall d'Hebron	Cristina Andrés, Maria Piñana, Josep F Abril, Damir Garcia-Cehic, Ariadna Rando, Juliana Esperalba, Maria Gema Codina, Carla Castillo, Maria Carmen Martin, Tomás Pumarola, Josep Quer, Andrés Antón
EPI_ISL_1169870, EPI_ISL_1169871, EPI_ISL_1169873	Hospital Universitari Arnau de Vilanova	Hospital Universitari Vall d'Hebron	Cristina Andrés, Maria Piñana, Josep F Abril, Damir Garcia-Cehic, Ariadna Rando, Juliana Esperalba, Maria Gema Codina, Carla Castillo, Maria Carmen Martin, Tomás Pumarola, Josep Quer, Andrés Antón
EPI_ISL_1169875, EPI_ISL_1169876, EPI_ISL_1169877, EPI_ISL_1169878, EPI_ISL_1169879, EPI_ISL_1169880	Hospital Universitari Joan XXIII de Tarragona	Hospital Universitari Vall d'Hebron	Cristina Andrés, Maria Piñana, Josep F Abril, Damir Garcia-Cehic, Ariadna Rando, Juliana Esperalba, Maria Gema Codina, Carla Castillo, Maria Carmen Martin, Tomás Pumarola, Josep Quer, Andrés Antón
EPI_ISL_1169882	INMI Lazzaro Spallanzani IRCCS	INMI Lazzaro Spallanzani IRCCS	CEM Gruber, B Bartolini, E Giombini, F Messina, M Rueca, O Butera, MR Capobianchi, A Di Caro
EPI_ISL_1169883	INMI Lazzaro Spallanzani IRCCS	INMI Lazzaro Spallanzani IRCCS	F Messina, M Rueca, O Butera, CEM Gruber, B Bartolini, E Giombini, MR Capobianchi, A Di Caro
EPI_ISL_1169884	INMI Lazzaro Spallanzani IRCCS	INMI Lazzaro Spallanzani IRCCS	B Bartolini, E Giombini, F Messina, M Rueca, O Butera, CEM Gruber, A Di Caro, MR Capobianchi
EPI_ISL_1169886	San Gallicano Dermatological Institute I.F.O.	INMI Lazzaro Spallanzani IRCCS	E Giombini, F Messina, M Rueca, O Butera, CEM Gruber, B Bartolini, F Pimpinelli, F Ensoli, EG Di Domenico, A Di Caro, MR Capobianchi
EPI_ISL_1169887	San Gallicano Dermatological Institute I.F.O.	INMI Lazzaro Spallanzani IRCCS	CEM Gruber, B Bartolini, E Giombini, F Messina, M Rueca, O Butera, F Pimpinelli, F Ensoli, G D'Agosto, MR Capobianchi, A Di Caro
EPI_ISL_1169889	Synlab Lazio S.r.l.	INMI Lazzaro Spallanzani IRCCS	F Messina, M Rueca, O Butera, CEM Gruber, B Bartolini, E Giombini, E Trappolini, SA Santini, MR Capobianchi, A Di Caro
EPI_ISL_1169891	UOC Microbiologia e Virologia, Azienda Ospedaliera Universitaria Senese, Siena, Italy	Dipartimento di Biotecnologie Mediche	Maria Grazia Cusi, David Pinzausti, Claudia Gandolfo, Gabriele Anichini, Gianni Pozzi, Gianni Gori Savellini, Francesco Santoro
EPI_ISL_1169905, EPI_ISL_1169906, EPI_ISL_1169911	Ministry of Health Turkey	Ministry of Health Turkey	Fatma Bayraktar, Yasemin Cosgun, Suleyman Yalcin, Gulay Korukluoglu
EPI_ISL_1169977, EPI_ISL_1169980, EPI_ISL_1169981, EPI_ISL_1169983, EPI_ISL_1169984, EPI_ISL_1169990, EPI_ISL_1169991, EPI_ISL_1169995, EPI_ISL_1170001, EPI_ISL_1170002, EPI_ISL_1170003, EPI_ISL_1170005, EPI_ISL_1170006, EPI_ISL_1170010, EPI_ISL_1170011, EPI_ISL_1170021, EPI_ISL_1170024, EPI_ISL_1170026, EPI_ISL_1170028, EPI_ISL_1170030, EPI_ISL_1170032, EPI_ISL_1170033, EPI_ISL_1170045, EPI_ISL_1170046, EPI_ISL_1170049, EPI_ISL_1170051, EPI_ISL_1170052, EPI_ISL_1170053, EPI_ISL_1170054, EPI_ISL_1170061, EPI_ISL_1170066, EPI_ISL_1170069, EPI_ISL_1170071, EPI_ISL_1170075, EPI_ISL_1170079, EPI_ISL_1170080, EPI_ISL_1170083, EPI_ISL_1170091, EPI_ISL_1170096, EPI_ISL_1170097, EPI_ISL_1170098, EPI_ISL_1170099, EPI_ISL_1170102, EPI_ISL_1170104, EPI_ISL_1170109, EPI_ISL_1170114, EPI_ISL_1170115, EPI_ISL_1170120	Algemeen Medisch Laboratorium (AML)	UAntwerp, Laboratory of Medical Microbiology	Basil Britto Xavier, Jasmine Coppens, Marie Le Mercier, Christine Lammens, Veerle Matheussen, Herman Goossens
see above	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_1171466, EPI_ISL_1171467, EPI_ISL_1171468, EPI_ISL_1171469, EPI_ISL_1171470, EPI_ISL_1171471, EPI_ISL_1171472, EPI_ISL_1171473	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_1171485, EPI_ISL_1171487	I.F.A.C. Hopital Princesse Paola	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Nathalie Renotte, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_1171503	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_1171572, EPI_ISL_1171582	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_1171588, EPI_ISL_1171593, EPI_ISL_1171610			

EPI_ISL_1171642	IAL Regional de Marilia	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valesa Ramos Gomes, Karoline Rodrigues Campos, Caio Vinicius Dias Lopes
EPI_ISL_1171651, EPI_ISL_1171652, EPI_ISL_1171654, EPI_ISL_1171655, EPI_ISL_1171659, EPI_ISL_1171660, EPI_ISL_1171661, EPI_ISL_1171662, EPI_ISL_1171663, EPI_ISL_1171667, EPI_ISL_1171673			
see above	IAL Regional de Presidente Prudente	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valesa Ramos Gomes, Karoline Rodrigues Campos, Caio Vinicius Dias Lopes
EPI_ISL_1171679, EPI_ISL_1171692, EPI_ISL_1171693, EPI_ISL_1171698, EPI_ISL_1171699, EPI_ISL_1171703	UOC LAB ANALISI PO CARDARELLI CAMPOBASSO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Scutellà M, Niro G, Felice V. 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_1171711	Baylor Scott & White-Temple	Baylor Scott & White-Temple	Ari Rao, Linden Morales, Kimberly Walker, Marcus Volz, Shelby Hendrickson, Caitlin Maloney
EPI_ISL_1171772, EPI_ISL_1171773, EPI_ISL_1171774, EPI_ISL_1171776, EPI_ISL_1171777, EPI_ISL_1171779, EPI_ISL_1171784, EPI_ISL_1171785, EPI_ISL_1171786, EPI_ISL_1171790, EPI_ISL_1171792, EPI_ISL_1171794, EPI_ISL_1171797, EPI_ISL_1171798, EPI_ISL_1171799, EPI_ISL_1171800, EPI_ISL_1171801, EPI_ISL_1171803, EPI_ISL_1171804, EPI_ISL_1171806, EPI_ISL_1171811, EPI_ISL_1171816, EPI_ISL_1171821, EPI_ISL_1171832			
see above	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_1171872, EPI_ISL_1171877, EPI_ISL_1171885, EPI_ISL_1171892, EPI_ISL_1171894, EPI_ISL_1171906, EPI_ISL_1171914, EPI_ISL_1171935, EPI_ISL_1171941, EPI_ISL_1171948, EPI_ISL_1171964, EPI_ISL_1171965			
see above	Ministry of Health Turkey	Ministry of Health Turkey	Fatma Bayrakdar, Yasemin Cosgun, Suleyman Yalcin, Gulay Korukluoglu
EPI_ISL_1171966, EPI_ISL_1171971, EPI_ISL_1171974, EPI_ISL_1171975, EPI_ISL_1171976, EPI_ISL_1171977, EPI_ISL_1171981, EPI_ISL_1171987, EPI_ISL_1171992, EPI_ISL_1171995	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1172018, EPI_ISL_1172019	Baylor Scott & White-Temple	Baylor Scott & White-Temple	Ari Rao, Linden Morales, Kimberly Walker, Marcus Volz, Shelby Hendrickson, Caitlin Maloney
EPI_ISL_1172020	Baylor Scott & White-Irving	Baylor Scott & White-Temple	Ari Rao, Linden Morales, Kimberly Walker, Marcus Volz, Shelby Hendrickson, Caitlin Maloney
EPI_ISL_1172021	Baylor Scott & White-Temple	Baylor Scott & White-Temple	Ari Rao, Linden Morales, Kimberly Walker, Marcus Volz, Shelby Hendrickson, Caitlin Maloney
EPI_ISL_950681, EPI_ISL_950683, EPI_ISL_950687, EPI_ISL_950690, EPI_ISL_950694, EPI_ISL_950721, EPI_ISL_950723, EPI_ISL_950724	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Gemma Clark, Wendy Smith, Manjinder Khakh, Vicki M Fleming, Michelle M Lister, Hannah Howson-Wells, Jonathan Ball, Patrick McClure, Joseph Chappell, Theocharis Tsoleridis, Nadine Holmes, Matthew Carlisle, Christopher Moore, Fei Sang, Johnny Debebe, Victoria Wright, Matthew Loose
EPI_ISL_953376, EPI_ISL_953377, EPI_ISL_953379, EPI_ISL_953439, EPI_ISL_953440, EPI_ISL_953443, EPI_ISL_953447, EPI_ISL_953448, EPI_ISL_953474, EPI_ISL_953487	Jessa	Jessa	Jessa_cmdLab
EPI_ISL_954764, EPI_ISL_954765, EPI_ISL_954767, EPI_ISL_954768, EPI_ISL_954769, EPI_ISL_954770, EPI_ISL_954772, EPI_ISL_954773, EPI_ISL_954774	AZDelta	AZDelta	Geert Martens; Dieter De Smet
EPI_ISL_955105	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_955221	Indiana Animal Disease Diagnostic Laboratory	Carpi Laboratory - Purdue University	Jack Dorman, Ilinca I Ciubotariu, Lev Gorenstein, Abebe A Fola, G Kenitra Hendrix, Rebecca P Wilkes, Giovanna Carpi
EPI_ISL_955937	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_957073, EPI_ISL_957089, EPI_ISL_957103, EPI_ISL_957115, EPI_ISL_957150, EPI_ISL_957212, EPI_ISL_957225, EPI_ISL_957263, EPI_ISL_957279, EPI_ISL_957283, EPI_ISL_957287, EPI_ISL_957289, EPI_ISL_957314, EPI_ISL_957334			
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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_959605	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_959613	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_960185, EPI_ISL_960187	Jessa	Jessa	Jessa_cmdLab
EPI_ISL_960891, EPI_ISL_960892, EPI_ISL_960894, EPI_ISL_960895, EPI_ISL_960896	Landesamt für Verbraucherschutz Sachsen Anhalt, Magdeburg	Institute of Medical Microbiology and Hospital Hygiene	Prof. Dr. Achim Kaasch, Aljoscha Tersteegen
EPI_ISL_960900, EPI_ISL_960901	Institute of Medical Microbiology and Hospital Hygiene	Institute of Medical Microbiology and Hospital Hygiene	Prof. Dr. Achim Kaasch, Aljoscha Tersteegen
EPI_ISL_960935, EPI_ISL_960936, EPI_ISL_960937, EPI_ISL_960938, EPI_ISL_960940	Landesamt für Verbraucherschutz Sachsen Anhalt, Magdeburg	Institute of Medical Microbiology and Hospital Hygiene	Prof. Dr. Achim Kaasch, Aljoscha Tersteegen
EPI_ISL_961181, EPI_ISL_961182, EPI_ISL_961186, EPI_ISL_961187, EPI_ISL_961188, EPI_ISL_961192, EPI_ISL_961193, EPI_ISL_961194, EPI_ISL_961195, EPI_ISL_961196, EPI_ISL_961201, EPI_ISL_961202, EPI_ISL_961203			
see above	AZDelta	AZDelta	Geert Martens; Dieter De Smet
EPI_ISL_961714, EPI_ISL_961717	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_961719, EPI_ISL_961721, EPI_ISL_961722	SIESP CHIETI - DRIVE IN ORTONA	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_961728	SIESP DIPARTIMENTO DI PREVENZIONE CHIETI	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_961729	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_961734	Dipartimento Prevenzione Avezzano-Servizio Igiene epidemiologia Sanità Pubblica	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_961736, EPI_ISL_961740	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_961744	SIESP CHIETI - DRIVE IN ORTONA	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_961749	SIESP DIPARTIMENTO DI PREVENZIONE CHIETI	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_964349, EPI_ISL_964352, EPI_ISL_964355, EPI_ISL_964358, EPI_ISL_964360, EPI_ISL_964368, EPI_ISL_964369, EPI_ISL_964384, EPI_ISL_964387, EPI_ISL_964388, EPI_ISL_964396, EPI_ISL_964409, EPI_ISL_964413, EPI_ISL_964415, EPI_ISL_964416, EPI_ISL_964417, EPI_ISL_964425, EPI_ISL_964430, EPI_ISL_964433, EPI_ISL_964437, EPI_ISL_964440, EPI_ISL_964441, EPI_ISL_964442, EPI_ISL_964452, EPI_ISL_964456, EPI_ISL_964458, EPI_ISL_964468, EPI_ISL_964469, EPI_ISL_964471, EPI_ISL_964472, EPI_ISL_964473, EPI_ISL_964476, EPI_ISL_964482, EPI_ISL_964483, EPI_ISL_964484, EPI_ISL_964488, EPI_ISL_964489, EPI_ISL_964493, EPI_ISL_964494, EPI_ISL_964503, EPI_ISL_964504, EPI_ISL_964508, EPI_ISL_964509, EPI_ISL_964511, EPI_ISL_964516, EPI_ISL_964518, EPI_ISL_964520, EPI_ISL_964523, EPI_ISL_964527, EPI_ISL_964532, EPI_ISL_964533, EPI_ISL_964540			
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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_964837	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_965025	S.C. Microbiologia e Virologia Laboratorio Virologia -Speciale Centro Influenza - AOU di Sassari - Viale san Pietro 43/B Palazzo Infettivologia	Laboratorio specialistico UOC Ematologia - Ospedale "San Francesco" - ATS-ASSL Nuoro	Piras Giovanna, Malune Paolo, Asproni Rosanna, Monne Maria Itria, Palmas Angelo Domenico Serra Caterina, Rimini Elena, Rubino Salvatore
EPI_ISL_965028, EPI_ISL_965031	Laboratorio Biologia Molecolare Sars Cov2 - UOC Laboratorio Analisi - Servizio Medicina di Laboratorio, Ospedale "San Francesco" - ATS-ASSL Nuoro	Laboratorio specialistico UOC Ematologia - Ospedale "San Francesco" - ATS-ASSL Nuoro	Piras Giovanna, Asproni Rosanna, Malune Paolo, Fiamma Maura, Monne Maria Itria, Palmas Angelo Domenico, Lo Maglio Iana, Mameli Giuseppe
EPI_ISL_978788, EPI_ISL_978789, EPI_ISL_978790, EPI_ISL_978792, EPI_ISL_978795, EPI_ISL_978796, EPI_ISL_978800, EPI_ISL_978802, EPI_ISL_978803, EPI_ISL_978804, EPI_ISL_978812, EPI_ISL_978817, EPI_ISL_978819, EPI_ISL_978824, EPI_ISL_978825, EPI_ISL_978831, EPI_ISL_978832, EPI_ISL_978833, EPI_ISL_978836, EPI_ISL_978842, EPI_ISL_978844, EPI_ISL_978849, EPI_ISL_978851, EPI_ISL_978853, EPI_ISL_978856, EPI_ISL_978859, EPI_ISL_978865, EPI_ISL_978872, EPI_ISL_978875, EPI_ISL_978876, EPI_ISL_978879			
see above	AZDelta	AZDelta	Geert Martens; Dieter De Smet
EPI_ISL_979358, EPI_ISL_979360, EPI_ISL_979361	Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)	MDU-PHL	Seemann T., Sait, M.L., Sherry, N.L.
EPI_ISL_979362, EPI_ISL_979363, EPI_ISL_979364	Victorian Infectious Diseases Reference Laboratory (VIDRL)	VIDRL and MDU-PHL	Caly L., Seemann T., Sait, M.L., Druce J., Sherry, N.L.
EPI_ISL_979964, EPI_ISL_979965, EPI_ISL_979966, EPI_ISL_979967, EPI_ISL_979968, EPI_ISL_979969	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_980235, EPI_ISL_980236, EPI_ISL_980237, EPI_ISL_980238, EPI_ISL_980239, EPI_ISL_980240, EPI_ISL_980242, EPI_ISL_980243, EPI_ISL_980245, EPI_ISL_980246, EPI_ISL_980249, EPI_ISL_980251, EPI_ISL_980253, EPI_ISL_980254, EPI_ISL_980255, EPI_ISL_980257, EPI_ISL_980260, EPI_ISL_980261, EPI_ISL_980264, EPI_ISL_980265, EPI_ISL_980267, EPI_ISL_980269, EPI_ISL_980270, EPI_ISL_980271, EPI_ISL_980273, EPI_ISL_980275, EPI_ISL_980276, EPI_ISL_980277, EPI_ISL_980279, EPI_ISL_980280, EPI_ISL_980281, EPI_ISL_980282, EPI_ISL_980283, EPI_ISL_980284, EPI_ISL_980285, EPI_ISL_980286, EPI_ISL_980288, EPI_ISL_980289, EPI_ISL_980290, EPI_ISL_980291, EPI_ISL_980292, EPI_ISL_980293, EPI_ISL_980297, EPI_ISL_980298, EPI_ISL_980299, EPI_ISL_980300, EPI_ISL_980303, EPI_ISL_980306, EPI_ISL_980307, EPI_ISL_980308, EPI_ISL_980310, EPI_ISL_980311, EPI_ISL_980312, EPI_ISL_980313, EPI_ISL_980314, EPI_ISL_980315, EPI_ISL_980316, EPI_ISL_980317, EPI_ISL_980318, EPI_ISL_980321, EPI_ISL_980322, EPI_ISL_980323, EPI_ISL_980324, EPI_ISL_980326, EPI_ISL_980327, EPI_ISL_980328, EPI_ISL_980329, EPI_ISL_980330, EPI_ISL_980331, EPI_ISL_980332, EPI_ISL_980336, EPI_ISL_980337, EPI_ISL_980339, EPI_ISL_980342, EPI_ISL_980344, EPI_ISL_980345, EPI_ISL_980346, EPI_ISL_980347, EPI_ISL_980348, EPI_ISL_980349, EPI_ISL_980350, EPI_ISL_980351, EPI_ISL_980352, EPI_ISL_980354, EPI_ISL_980355, EPI_ISL_980356, EPI_ISL_980357, EPI_ISL_980358, EPI_ISL_980359, EPI_ISL_980361, EPI_ISL_980363, EPI_ISL_980364, EPI_ISL_980365, EPI_ISL_980366, EPI_ISL_980367, EPI_ISL_980369, EPI_ISL_980371, EPI_ISL_980372, EPI_ISL_980373, EPI_ISL_980382, EPI_ISL_980385, EPI_ISL_980386, EPI_ISL_980387, EPI_ISL_980388, EPI_ISL_980389, EPI_ISL_980391, EPI_ISL_980392, EPI_ISL_980393, EPI_ISL_980394, EPI_ISL_980395, EPI_ISL_980396, EPI_ISL_980399, EPI_ISL_980400, EPI_ISL_980401, EPI_ISL_980402, EPI_ISL_980403, EPI_ISL_980404, EPI_ISL_980408, EPI_ISL_980411, EPI_ISL_980413, EPI_ISL_980414, EPI_ISL_980415, EPI_ISL_980416, EPI_ISL_980418, EPI_ISL_980419, EPI_ISL_980420, EPI_ISL_980422, EPI_ISL_980423, EPI_ISL_980424, EPI_ISL_980425, EPI_ISL_980429, EPI_ISL_980431, EPI_ISL_980432, EPI_ISL_980434, EPI_ISL_980436, EPI_ISL_980437, EPI_ISL_980438, EPI_ISL_980439, EPI_ISL_980441, EPI_ISL_980443, EPI_ISL_980444, EPI_ISL_980445, EPI_ISL_980448, EPI_ISL_980450, EPI_ISL_980451, EPI_ISL_980452, EPI_ISL_980453, EPI_ISL_980454, EPI_ISL_980455, EPI_ISL_980456, EPI_ISL_980457, EPI_ISL_980458, EPI_ISL_980459, EPI_ISL_980460, EPI_ISL_980461, EPI_ISL_980462, EPI_ISL_980466, EPI_ISL_980467, EPI_ISL_980468, EPI_ISL_980470, EPI_ISL_980471, EPI_ISL_980472, EPI_ISL_980477, EPI_ISL_980479, EPI_ISL_980480, EPI_ISL_980483, EPI_ISL_980485, EPI_ISL_980486, EPI_ISL_980487, EPI_ISL_980488, EPI_ISL_980489, EPI_ISL_980492, EPI_ISL_980493, EPI_ISL_980494, EPI_ISL_980495, EPI_ISL_980498, EPI_ISL_980499, EPI_ISL_980501, EPI_ISL_980502, EPI_ISL_980504, EPI_ISL_980505, EPI_ISL_980506, EPI_ISL_980507, EPI_ISL_980508, EPI_ISL_980509, EPI_ISL_980511, EPI_ISL_980513, EPI_ISL_980515, EPI_ISL_980516, EPI_ISL_980517, EPI_ISL_980521, EPI_ISL_980523, EPI_ISL_980524, EPI_ISL_980527, EPI_ISL_980528, EPI_ISL_980529, EPI_ISL_980530, EPI_ISL_980531, EPI_ISL_980533, EPI_ISL_980534, EPI_ISL_980537, EPI_ISL_980538, EPI_ISL_980539			
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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team





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EPI_ISL_995496, EPI_ISL_995497, EPI_ISL_995501, EPI_ISL_995502, EPI_ISL_995505, EPI_ISL_995506, EPI_ISL_995509, EPI_ISL_995512, EPI_ISL_995515, EPI_ISL_995516, EPI_ISL_995521, EPI_ISL_995527, EPI_ISL_995529, EPI_ISL_995531, EPI_ISL_995532, EPI_ISL_995533, EPI_ISL_995535			
see above	Jessa	Jessa	Jessa_cmdLab
EPI_ISL_995569, EPI_ISL_995571, EPI_ISL_995572, EPI_ISL_995573, EPI_ISL_995574, EPI_ISL_995575, EPI_ISL_995576, EPI_ISL_995577, EPI_ISL_995579, EPI_ISL_995580, EPI_ISL_995581, EPI_ISL_995582, EPI_ISL_995583, EPI_ISL_995584, EPI_ISL_995585, EPI_ISL_995587, EPI_ISL_995588, EPI_ISL_995589, EPI_ISL_995590, EPI_ISL_995591, EPI_ISL_995594, EPI_ISL_995595, EPI_ISL_995596, EPI_ISL_995597, EPI_ISL_995599, EPI_ISL_995600, EPI_ISL_995604, EPI_ISL_995605, EPI_ISL_995607, EPI_ISL_995609, EPI_ISL_995610, EPI_ISL_995611, EPI_ISL_995612, EPI_ISL_995613, EPI_ISL_995623, EPI_ISL_995624, EPI_ISL_995626, EPI_ISL_995627, EPI_ISL_995628, EPI_ISL_995629, EPI_ISL_995630, EPI_ISL_995631, EPI_ISL_995632, EPI_ISL_995636, EPI_ISL_995638, EPI_ISL_995639, EPI_ISL_995640, EPI_ISL_995641, EPI_ISL_995642, EPI_ISL_995643, EPI_ISL_995644, EPI_ISL_995646, EPI_ISL_995647, EPI_ISL_995649, EPI_ISL_995682			
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EPI_ISL_996639, EPI_ISL_996640, EPI_ISL_996641, EPI_ISL_996642, EPI_ISL_996643, EPI_ISL_996647, EPI_ISL_996648, EPI_ISL_996649, EPI_ISL_996650, EPI_ISL_996655, EPI_ISL_996656, EPI_ISL_996658, EPI_ISL_996660, EPI_ISL_996661, EPI_ISL_996662, EPI_ISL_996663, EPI_ISL_996664, EPI_ISL_996666, EPI_ISL_996667, EPI_ISL_996745, EPI_ISL_996748, EPI_ISL_996749, EPI_ISL_996751, EPI_ISL_996754, EPI_ISL_996756, EPI_ISL_996758, EPI_ISL_996760, EPI_ISL_996762, EPI_ISL_996763, EPI_ISL_996765, EPI_ISL_996766, EPI_ISL_996769, EPI_ISL_996771, EPI_ISL_996773, EPI_ISL_996774, EPI_ISL_996775, EPI_ISL_996776, EPI_ISL_996779, EPI_ISL_996780, EPI_ISL_996783, EPI_ISL_996784, EPI_ISL_996785, EPI_ISL_996789, EPI_ISL_996790, EPI_ISL_996793, EPI_ISL_996794, EPI_ISL_996795, EPI_ISL_996797, EPI_ISL_996798, EPI_ISL_996801, EPI_ISL_996802, EPI_ISL_996804, EPI_ISL_996808, EPI_ISL_996809, EPI_ISL_996813, EPI_ISL_996815, EPI_ISL_996816, EPI_ISL_996817, EPI_ISL_996818, EPI_ISL_996820, EPI_ISL_996822, EPI_ISL_996823, EPI_ISL_996825, EPI_ISL_996826, EPI_ISL_996828, EPI_ISL_996833, EPI_ISL_996837, EPI_ISL_996839, EPI_ISL_996840, EPI_ISL_996843, EPI_ISL_996844, EPI_ISL_996845			
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EPI_ISL_1000832, EPI_ISL_1000891, EPI_ISL_1000897, EPI_ISL_1000912, EPI_ISL_1000913, EPI_ISL_1000945, EPI_ISL_1000956, EPI_ISL_1000961, EPI_ISL_1000962, EPI_ISL_1000966	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
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EPI_ISL_1001327	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,Stoessel-Thouvenin Patricia
EPI_ISL_1001328	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Martres Pascale
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EPI_ISL_1001394	Labo Analyses Med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf
EPI_ISL_1001395, EPI_ISL_1001396, EPI_ISL_1001397, EPI_ISL_1001398, EPI_ISL_1001399, EPI_ISL_1001400, EPI_ISL_1001401, EPI_ISL_1001402	Outre mer	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Rousset (Guy) Dominique
EPI_ISL_1001403, EPI_ISL_1001404, EPI_ISL_1001405, EPI_ISL_1001406, EPI_ISL_1001407	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,Guinoiseau Thibault
EPI_ISL_1001408, EPI_ISL_1001409, EPI_ISL_1001410, EPI_ISL_1001411, EPI_ISL_1001412, EPI_ISL_1001413, EPI_ISL_1001414	Outre mer	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Rousset (Guy) Dominique
EPI_ISL_1001415	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,Lagathu GisèLe
EPI_ISL_1001416, EPI_ISL_1001417, EPI_ISL_1001418, EPI_ISL_1001419, EPI_ISL_1001420, EPI_ISL_1001422, EPI_ISL_1001423, EPI_ISL_1001424, EPI_ISL_1001425, EPI_ISL_1001426, EPI_ISL_1001427, EPI_ISL_1001428, EPI_ISL_1001429, EPI_ISL_1001430, EPI_ISL_1001431, EPI_ISL_1001432, EPI_ISL_1001433, EPI_ISL_1001434, EPI_ISL_1001435, EPI_ISL_1001437, EPI_ISL_1001438, EPI_ISL_1001440, EPI_ISL_1001441, EPI_ISL_1001442, EPI_ISL_1001443, EPI_ISL_1001444, EPI_ISL_1001445, EPI_ISL_1001446, EPI_ISL_1001447, EPI_ISL_1001448, EPI_ISL_1001449	see above	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Rousset (Guy) Dominique
EPI_ISL_1001450	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,Ducancelle Alexandra
EPI_ISL_1001452, EPI_ISL_1001453, EPI_ISL_1001454, EPI_ISL_1001455	Outre mer	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Rousset (Guy) Dominique
EPI_ISL_1001456	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,Ducancelle Alexandra
EPI_ISL_1001459	Laboratoire Cerballiance Port de Bouc	Cerba	Roig JC, Haim-Boukobza S, Meyer S, Trombert-Paolantoni S, Lecorche E, Roquebert B
EPI_ISL_1001461	Cerballiance	Cerba	Roig JC, Haim-Boukobza S, Meyer S, Trombert-Paolantoni S, Lecorche E, Roquebert B
EPI_ISL_1001462	Cerballiance Provence	Cerba	Roig JC, Haim-Boukobza S, Meyer S, Trombert-Paolantoni S, Lecorche E, Roquebert B
EPI_ISL_1001463	Cerballiance Port de bouc	Cerba	Roig JC, Haim-Boukobza S, Meyer S, Trombert-Paolantoni S, Lecorche E, Roquebert B
EPI_ISL_1001464	Laboratoire Cerballiance du pole santé	Cerba	Roig JC, Haim-Boukobza S, Meyer S, Trombert-Paolantoni S, Lecorche E, Roquebert B
EPI_ISL_1001465	Cerballiance Carpentras CV	Cerba	Roig JC, Haim-Boukobza S, Meyer S, Trombert-Paolantoni S, Lecorche E, Roquebert B
EPI_ISL_1001466	Cerballiance Haifa	Cerba	Roig JC, Haim-Boukobza S, Meyer S, Trombert-Paolantoni S, Lecorche E, Roquebert B
EPI_ISL_1001467	Cerballiance Carpentras CV	Cerba	Roig JC, Haim-Boukobza S, Meyer S, Trombert-Paolantoni S, Lecorche E, Roquebert B
EPI_ISL_1001573	Cerballiance Luynes	Cerba	Roig JC, Haim-Boukobza S, Meyer S, Trombert-Paolantoni S, Lecorche E, Roquebert B
EPI_ISL_1001828	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Catharine Aquino, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Andreia Cabral de Gouvea, Maria Domenica Moccia, Simon Grüter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patrignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1001832	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, 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_1001833	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Catharine Aquino, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Andreia Cabral de Gouvea, Maria Domenica Moccia, Simon Grüter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patrignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler



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			Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1003864	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, 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_1003865, EPI_ISL_1003866	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Catharine Aquino, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Andreia Cabral de Gouvea, Maria Domenica Moccia, Simon Grüter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patrignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1003867, EPI_ISL_1003868	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, 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_1003869, EPI_ISL_1003870, EPI_ISL_1003872, EPI_ISL_1003873	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Catharine Aquino, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Andreia Cabral de Gouvea, Maria Domenica Moccia, Simon Grüter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patrignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1003877	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, 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_1003878, EPI_ISL_1003879	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Catharine Aquino, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Andreia Cabral de Gouvea, Maria Domenica Moccia, Simon Grüter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patrignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1003880, EPI_ISL_1003881	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, 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_1003882, EPI_ISL_1003883, EPI_ISL_1003885, EPI_ISL_1003886, EPI_ISL_1003888, EPI_ISL_1003889, EPI_ISL_1003890, EPI_ISL_1003891	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Catharine Aquino, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Andreia Cabral de Gouvea, Maria Domenica Moccia, Simon Grüter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patrignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1003894	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, 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_1003895, EPI_ISL_1003896, EPI_ISL_1003897, EPI_ISL_1003898, EPI_ISL_1003899, EPI_ISL_1003900, EPI_ISL_1003901, EPI_ISL_1003902, EPI_ISL_1003903, EPI_ISL_1003904, EPI_ISL_1003905, EPI_ISL_1003908, EPI_ISL_1003909, EPI_ISL_1003910, EPI_ISL_1003911			
see above	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Catharine Aquino, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Andreia Cabral de Gouvea, Maria Domenica Moccia, Simon Grüter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patrignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1003912	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, 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_1003914, EPI_ISL_1003915, EPI_ISL_1003917, EPI_ISL_1003918, EPI_ISL_1003920, EPI_ISL_1003921, EPI_ISL_1003922, EPI_ISL_1003923, EPI_ISL_1003924, EPI_ISL_1003925, EPI_ISL_1003926, EPI_ISL_1003927			
see above	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Catharine Aquino, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Andreia Cabral de Gouvea, Maria Domenica Moccia, Simon Grüter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patrignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1004174	Cerballiance Port de Bouc	Cerba	Roig JC, Haim-Boukobza S, Meyer S, Trombert-Paolantoni S, Lecorche E, Roquebert B
EPI_ISL_1004263, EPI_ISL_1004264, EPI_ISL_1004265, EPI_ISL_1004266, EPI_ISL_1004268, EPI_ISL_1004269, EPI_ISL_1004270, EPI_ISL_1004271, EPI_ISL_1004272, EPI_ISL_1004273, EPI_ISL_1004274, EPI_ISL_1004275, EPI_ISL_1004276, EPI_ISL_1004277, EPI_ISL_1004278, EPI_ISL_1004280, EPI_ISL_1004281, EPI_ISL_1004282, EPI_ISL_1004285, EPI_ISL_1004286, EPI_ISL_1004287, EPI_ISL_1004290, EPI_ISL_1004292, EPI_ISL_1004293, EPI_ISL_1004294, EPI_ISL_1004296, EPI_ISL_1004297, EPI_ISL_1004298, EPI_ISL_1004299, EPI_ISL_1004300, EPI_ISL_1004301, EPI_ISL_1004302, EPI_ISL_1004303, EPI_ISL_1004304, EPI_ISL_1004305, EPI_ISL_1004306, EPI_ISL_1004307, EPI_ISL_1004308, EPI_ISL_1004313, EPI_ISL_1004314, EPI_ISL_1004316, EPI_ISL_1004317, EPI_ISL_1004318, EPI_ISL_1004319, EPI_ISL_1004320, EPI_ISL_1004321, EPI_ISL_1004323, EPI_ISL_1004324, EPI_ISL_1004325, EPI_ISL_1004337, EPI_ISL_1004338, EPI_ISL_1004339, EPI_ISL_1004340, EPI_ISL_1004342, EPI_ISL_1004343, EPI_ISL_1004344, EPI_ISL_1004345, EPI_ISL_1004346, EPI_ISL_1004347, EPI_ISL_1004348, EPI_ISL_1004349, EPI_ISL_1004350, EPI_ISL_1004352, EPI_ISL_1004354, EPI_ISL_1004359, EPI_ISL_1004362, EPI_ISL_1004364, EPI_ISL_1004365, EPI_ISL_1004366, EPI_ISL_1004367, EPI_ISL_1004369, EPI_ISL_1004370, EPI_ISL_1004371, EPI_ISL_1004372, EPI_ISL_1004374, EPI_ISL_1004375, EPI_ISL_1004405, EPI_ISL_1004407, EPI_ISL_1004408, EPI_ISL_1004410, EPI_ISL_1004411, EPI_ISL_1004412, EPI_ISL_1004414, EPI_ISL_1004415, EPI_ISL_1004417, EPI_ISL_1004418, EPI_ISL_1004419, EPI_ISL_1004420, EPI_ISL_1004421, EPI_ISL_1004422, EPI_ISL_1004423, EPI_ISL_1004424, EPI_ISL_1004425, EPI_ISL_1004427, EPI_ISL_1004431, EPI_ISL_1004433, EPI_ISL_1004434, EPI_ISL_1004435, EPI_ISL_1004436, EPI_ISL_1004437, EPI_ISL_1004438, EPI_ISL_1004439, EPI_ISL_1004440, EPI_ISL_1004442, EPI_ISL_1004443, EPI_ISL_1004444, EPI_ISL_1004445, EPI_ISL_1004447, EPI_ISL_1004448, EPI_ISL_1004449, EPI_ISL_1004450, EPI_ISL_1004451, EPI_ISL_1004453, EPI_ISL_1004454, EPI_ISL_1004455, EPI_ISL_1004456, EPI_ISL_1004457, EPI_ISL_1004458, EPI_ISL_1004459, EPI_ISL_1004460, EPI_ISL_1004463, EPI_ISL_1004464, EPI_ISL_1004465, EPI_ISL_1004466, EPI_ISL_1004467, EPI_ISL_1004468, EPI_ISL_1004469, EPI_ISL_1004470, EPI_ISL_1004471, EPI_ISL_1004477, EPI_ISL_1004485, EPI_ISL_1004486, EPI_ISL_1004491, EPI_ISL_1004494, EPI_ISL_1004495, EPI_ISL_1004497, EPI_ISL_1004499, EPI_ISL_1004501, EPI_ISL_1004502, EPI_ISL_1004503, EPI_ISL_1004504, EPI_ISL_1004505, EPI_ISL_1004506, EPI_ISL_1004507, EPI_ISL_1004509, EPI_ISL_1004510, EPI_ISL_1004511, EPI_ISL_1004513, EPI_ISL_1004514, EPI_ISL_1004515, EPI_ISL_1004516, EPI_ISL_1004518, EPI_ISL_1004519, EPI_ISL_1004520, EPI_ISL_1004521, EPI_ISL_1004523, EPI_ISL_1004524, EPI_ISL_1004525, EPI_ISL_1004526, EPI_ISL_1004528, EPI_ISL_1004530, EPI_ISL_1004531, EPI_ISL_1004533, EPI_ISL_1004534, EPI_ISL_1004535, EPI_ISL_1004536, EPI_ISL_1004540, EPI_ISL_1004541, EPI_ISL_1004543, EPI_ISL_1004544, EPI_ISL_1004546, EPI_ISL_1004547, EPI_ISL_1004548, EPI_ISL_1004549, EPI_ISL_1004550, EPI_ISL_1004551, EPI_ISL_1004564, EPI_ISL_1004577, EPI_ISL_1004578, EPI_ISL_1004579, EPI_ISL_1004581, EPI_ISL_1004583, EPI_ISL_1004584, EPI_ISL_1004585, EPI_ISL_1004587, EPI_ISL_1004589, EPI_ISL_1004592, EPI_ISL_1004593, EPI_ISL_1004594, EPI_ISL_1004595, EPI_ISL_1004596, EPI_ISL_1004597, EPI_ISL_1004598, EPI_ISL_1004599, EPI_ISL_100600, EPI_ISL_100601, EPI_ISL_100602, EPI_ISL_100603, EPI_ISL_100607, EPI_ISL_100615, EPI_ISL_100616, EPI_ISL_100617, EPI_ISL_100618, EPI_ISL_100620, EPI_ISL_100621, EPI_ISL_100622, EPI_ISL_100623, EPI_ISL_100636, EPI_ISL_100639, EPI_ISL_100640, EPI_ISL_100641, EPI_ISL_100642, EPI_ISL_100643, EPI_ISL_100644, EPI_ISL_100644, EPI_ISL_100646, EPI_ISL_100651, EPI_ISL_100654, EPI_ISL_100655, EPI_ISL_100658, EPI_ISL_100659, EPI_ISL_100663, EPI_ISL_100666, EPI_ISL_100667, EPI_ISL_100668, EPI_ISL_100669, EPI_ISL_100670, EPI_ISL_100671, EPI_ISL_100672, EPI_ISL_100674, EPI_ISL_100676, EPI_ISL_100677, EPI_ISL_100681, EPI_ISL_100682, EPI_ISL_100683, EPI_ISL_100684, EPI_ISL_100685, EPI_ISL_100686, EPI_ISL_100687, EPI_ISL_100688, EPI_ISL_100689, EPI_ISL_100690, EPI_ISL_100691, EPI_ISL_100693, EPI_ISL_100695, EPI_ISL_100697, EPI_ISL_100698, EPI_ISL_100699, EPI_ISL_100700, EPI_ISL_100701, EPI_ISL_100702, EPI_ISL_100703, EPI_ISL_100704, EPI_ISL_100705, EPI_ISL_100706			
see above	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Catharine Aquino, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Andreia Cabral de Gouvea, Maria Domenica Moccia, Simon Grüter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patrignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1005538, EPI_ISL_1005539	Area of Virology, Serology and Virology Division (SAVID), New South Wales Health Pathology Randwick	Virology Research Laboratory; Area of Virology, Serology and Virology Division (SAVID), New South Wales Health Pathology Randwick	Foster, C.; Au, J.; Ruiz Silva, M.; Deveson, I.; Bull, R.; Van Hal, S.; Rawlinson, W.
EPI_ISL_1005670, EPI_ISL_1005672	Instituto Nacional de Medicina Genomica	Instituto Nacional de Medicina Genomica	Hidalgo-Miranda A, Mendoza-Vargas A, Reyes-Grajeda JP, Cisneros-Villanueva M, Cedro-Tanda A,Peñaloza-Figueroa F, Herrera-Montalvo LA
EPI_ISL_1005682	Martigues hospital	Cerba	Negre V, Vidal B, Olivi M, Benazra M, Haim-Boukobza S, Trombert-Paolantoni S, Lecorche E, Roquebert B
EPI_ISL_1005686	Cerballiance Bligny	Cerba	Collin T, Lesenne A, Olivi M, Ricard B, Benazra M, Delaplace E, Gresset N, Haim-Boukobza S, Trombert-Paolantoni S, Lecorche E, Roquebert B
EPI_ISL_1005687	Cerballiance Lardy	Cerba	Collin T, Lesenne A, Olivi M, Ricard B, Benazra M, Delaplace E, Gresset N, Haim-Boukobza S, Trombert-Paolantoni S, Lecorche E, Roquebert B
EPI_ISL_1005688	Cerballiance Antony Velpeau	Cerba	Collin T, Lesenne A, Olivi M, Ricard B, Benazra M, Delaplace E, Gresset N, Haim-Boukobza S, Trombert-Paolantoni S, Lecorche E, Roquebert B



EPI_ISL_1006341, EPI_ISL_1006342, EPI_ISL_1006344, EPI_ISL_1006345, EPI_ISL_1006347, EPI_ISL_1006348, EPI_ISL_1006349, EPI_ISL_1006350, EPI_ISL_1006352, EPI_ISL_1006353, EPI_ISL_1006354, EPI_ISL_1006355, EPI_ISL_1006357, EPI_ISL_1006358, EPI_ISL_1006359, EPI_ISL_1006360, EPI_ISL_1006361, EPI_ISL_1006363, EPI_ISL_1006364, EPI_ISL_1006365, EPI_ISL_1006366, EPI_ISL_1006367, EPI_ISL_1006369, EPI_ISL_1006370, EPI_ISL_1006371, EPI_ISL_1006372, EPI_ISL_1006373, EPI_ISL_1006377, EPI_ISL_1006378, EPI_ISL_1006379, EPI_ISL_1006380, EPI_ISL_1006382, EPI_ISL_1006383, EPI_ISL_1006384, EPI_ISL_1006387, EPI_ISL_1006390, EPI_ISL_1006391, EPI_ISL_1006394, EPI_ISL_1006395, EPI_ISL_1006399, EPI_ISL_1006400, EPI_ISL_1006401, EPI_ISL_1006402, EPI_ISL_1006403, EPI_ISL_1006404, EPI_ISL_1006405, EPI_ISL_1006406, EPI_ISL_1006407, EPI_ISL_1006409, EPI_ISL_1006410, EPI_ISL_1006411, EPI_ISL_1006412, EPI_ISL_1006414, EPI_ISL_1006415, EPI_ISL_1006416, EPI_ISL_1006417, EPI_ISL_1006418, EPI_ISL_1006419, EPI_ISL_1006420, EPI_ISL_1006421, EPI_ISL_1006422, EPI_ISL_1006424, EPI_ISL_1006426, EPI_ISL_1006427, EPI_ISL_1006428, EPI_ISL_1006430, EPI_ISL_1006431, EPI_ISL_1006434, EPI_ISL_1006436, EPI_ISL_1006437, EPI_ISL_1006438, EPI_ISL_1006440, EPI_ISL_1006441, EPI_ISL_1006442, EPI_ISL_1006443, EPI_ISL_1006444, EPI_ISL_1006445, EPI_ISL_1006446, EPI_ISL_1006447, EPI_ISL_1006449, EPI_ISL_1006451, EPI_ISL_1006452, EPI_ISL_1006454, EPI_ISL_1006455, EPI_ISL_1006457, EPI_ISL_1006458, EPI_ISL_1006459, EPI_ISL_1006461, EPI_ISL_1006462, EPI_ISL_1006463, EPI_ISL_1006464, EPI_ISL_1006465, EPI_ISL_1006467, EPI_ISL_1006469, EPI_ISL_1006473, EPI_ISL_1006474, EPI_ISL_1006476, EPI_ISL_1006477, EPI_ISL_1006478, EPI_ISL_1006479, EPI_ISL_1006481, EPI_ISL_1006482, EPI_ISL_1006483, EPI_ISL_1006484, EPI_ISL_1006486, EPI_ISL_1006487, EPI_ISL_1006489, EPI_ISL_1006493, EPI_ISL_1006495, EPI_ISL_1006499, EPI_ISL_1006500, EPI_ISL_1006501, EPI_ISL_1006502, EPI_ISL_1006503, EPI_ISL_1006504, EPI_ISL_1006506, EPI_ISL_1006508, EPI_ISL_1006509, EPI_ISL_1006510, EPI_ISL_1006511, EPI_ISL_1006514, EPI_ISL_1006515, EPI_ISL_1006517, EPI_ISL_1006518, EPI_ISL_1006519, EPI_ISL_1006520, EPI_ISL_1006522, EPI_ISL_1006523, EPI_ISL_1006524, EPI_ISL_1006525, EPI_ISL_1006526, EPI_ISL_1006527, EPI_ISL_1006530, EPI_ISL_1006532, EPI_ISL_1006534, EPI_ISL_1006535, EPI_ISL_1006537, EPI_ISL_1006538, EPI_ISL_1006546, EPI_ISL_1006971, EPI_ISL_1007015, EPI_ISL_1007083			
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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1007434	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1007435	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1007441, EPI_ISL_1007444	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1007525	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1007527	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1007550, EPI_ISL_1007551, EPI_ISL_1007553, EPI_ISL_1007555, EPI_ISL_1007558, EPI_ISL_1007564, EPI_ISL_1007566, EPI_ISL_1007567, EPI_ISL_1007568, EPI_ISL_1007570, EPI_ISL_1007571, EPI_ISL_1007573			
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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1007575	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1007581, EPI_ISL_1007582	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1007583	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1007586, EPI_ISL_1007593, EPI_ISL_1007599, EPI_ISL_1007600	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_1007607, EPI_ISL_1007608	ADMED	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_1007643, EPI_ISL_1007646, EPI_ISL_1007647, EPI_ISL_1007650, EPI_ISL_1007651, EPI_ISL_1007652	Division of Emerging Infectious Diseases, Bureau of Infectious Diseases Diagnosis Control, Korea Disease Control and Prevention Agency	Division of Emerging Infectious Diseases, Bureau of Infectious Diseases Diagnosis Control, Korea Disease Control and Prevention Agency	Ae Kyung Park, Il-Hwan Kim, Heui Man Kim, Jeong-Min Kim, Namjoo Lee, Chae Young Lee, Sang Hee Woo, Eun-Jin Kim
EPI_ISL_1007721, EPI_ISL_1007729, EPI_ISL_1007733, EPI_ISL_1007739, EPI_ISL_1007740, EPI_ISL_1007741	Servicio de Microbiología Clínica (Complejo Hospitalario de Navarra, Pamplona), Instituto de Investigación Sanitaria de Navarra (IdiSNA)	SeqCOVID-SPAIN consortium/IBV(CSIC)	Carmen Ezpeleta Baquedano, Ana Navascués, Ana Miqueliez and SeqCOVID-SPAIN consortium
EPI_ISL_1007745	Ohio Department of Health Laboratory	Ohio Department of Health Laboratory	Holmes, Jennifer; Eric Brandt, Keoni Omura, Glen McGillivray, Caitlin McDonnell, Jade Mowery, Stephanie Mccracken, Tyler Payne, Kirtana Ramadugu, Erica Leasure, Brent Lee, Kelsey Florek, Heather Blankenship, Quanta Brown, and Tammy Bannerman
EPI_ISL_1007764, EPI_ISL_1007765, EPI_ISL_1007767	Hospital Universitario Virgen de las Nieves de Granada-SAS	SeqCOVID-SPAIN consortium/IBV(CSIC)	Sara Sanbonmatsu Gámez, Mercedes Pérez Ruiz, Irene Pedrosa Corral, José M. Navarro-Mari and SeqCOVID-SPAIN consortium
EPI_ISL_1007774, EPI_ISL_1007801, EPI_ISL_1007802, EPI_ISL_1007803, EPI_ISL_1007808	Hospital Universitario Marqués de Valdecilla - IDIVAL (Santander, Cantabria)	SeqCOVID-SPAIN consortium/IBV(CSIC)	Mónica Gozalo Margüello, María Eleicer Cano García, Jose Manuel Méndez Legaza, Daniel Pablo Marcos, Jesús Rodríguez Rodríguez, María Siller Ruiz and SeqCOVID-SPAIN consortium
EPI_ISL_1007809	Ohio Department of Health Laboratory	Ohio Department of Health Laboratory	Holmes, Jennifer; Eric Brandt, Keoni Omura, Glen McGillivray, Caitlin McDonnell, Jade Mowery, Stephanie Mccracken, Tyler Payne, Kirtana Ramadugu, Erica Leasure, Brent Lee, Kelsey Florek, Heather Blankenship, Quanta Brown, and Tammy Bannerman
EPI_ISL_1007819	Hospital Universitario Marqués de Valdecilla - IDIVAL (Santander, Cantabria)	SeqCOVID-SPAIN consortium/IBV(CSIC)	Mónica Gozalo Margüello, María Eleicer Cano García, Jose Manuel Méndez Legaza, Daniel Pablo Marcos, Jesús Rodríguez Rodríguez, María Siller Ruiz and SeqCOVID-SPAIN consortium
EPI_ISL_1007835, EPI_ISL_1007837, EPI_ISL_1007838, EPI_ISL_1007840, EPI_ISL_1007842, EPI_ISL_1007846, EPI_ISL_1007848, EPI_ISL_1007849	Servicio de Microbiología, Hospital Universitario Central de Asturias	SeqCOVID-SPAIN consortium/IBV(CSIC)	Cristián Castelló Abietar, Jose A. Boga, Susana Rojo-Alba, Marta Elena Álvarez-Argüelles, Santiago Melón and SeqCOVID-SPAIN consortium
EPI_ISL_1007951, EPI_ISL_1007952, EPI_ISL_1007953, EPI_ISL_1007961, EPI_ISL_1007983	genXone SA, Molecular Diagnostics Laboratory / NZOZ	genXone SA, Research & Development Laboratory	Maciej Sykulski, Grzegorz Nowicki, Jakub Grabowski, Natalia Drwska-Matelska, Anna Brylak-Baszków, Aleksandra Gidlewicz, Karol Szeszko, ukasz Krych, Micha Kaszuba
EPI_ISL_1008005, EPI_ISL_1008006, EPI_ISL_1008007, EPI_ISL_1008008, EPI_ISL_1008009	Klinikum Wels-Grieskirchen	Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Bergthaler
EPI_ISL_1008020, EPI_ISL_1008023, EPI_ISL_1008024, EPI_ISL_1008027, EPI_ISL_1008029, EPI_ISL_1008031, EPI_ISL_1008032, EPI_ISL_1008033, EPI_ISL_1008034, EPI_ISL_1008035, EPI_ISL_1008036, EPI_ISL_1008037, EPI_ISL_1008038, EPI_ISL_1008040, EPI_ISL_1008042, EPI_ISL_1008043, EPI_ISL_1008047, EPI_ISL_1008048, EPI_ISL_1008049, EPI_ISL_1008050, EPI_ISL_1008053, EPI_ISL_1008054, EPI_ISL_1008058, EPI_ISL_1008060, EPI_ISL_1008061, EPI_ISL_1008062, EPI_ISL_1008066, EPI_ISL_1008068, EPI_ISL_1008069, EPI_ISL_1008071, EPI_ISL_1008072, EPI_ISL_1008075, EPI_ISL_1008076, EPI_ISL_1008077, EPI_ISL_1008079, EPI_ISL_1008081, EPI_ISL_1008083, EPI_ISL_1008084, EPI_ISL_1008085, EPI_ISL_1008086, EPI_ISL_1008087, EPI_ISL_1008089, EPI_ISL_1008092, EPI_ISL_1008093, EPI_ISL_1008094, EPI_ISL_1008096, EPI_ISL_1008097, EPI_ISL_1008098, EPI_ISL_1008099, EPI_ISL_1008100, EPI_ISL_1008101, EPI_ISL_1008102, EPI_ISL_1008103, EPI_ISL_1008104, EPI_ISL_1008105, EPI_ISL_1008177, EPI_ISL_1008181, EPI_ISL_1008182, EPI_ISL_1008183, EPI_ISL_1008184, EPI_ISL_1008185, EPI_ISL_1008187, EPI_ISL_1008190, EPI_ISL_1008191			
see above	Austrian Agency for Health and Food Safety (AGES)	Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Bergthaler
EPI_ISL_1008192, EPI_ISL_1008193, EPI_ISL_1008194, EPI_ISL_1008195,	Institut für Pathologie, Salzkammergut Klinikum Vöcklabruck	Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Bergthaler

EPI_ISL_1008196, EPI_ISL_1008197, EPI_ISL_1008198, EPI_ISL_1008199, EPI_ISL_1008200, EPI_ISL_1008201			
EPI_ISL_1008205	Diagnostic & Research Inst. Of Hygiene, Microbiology and Environmental Medicine, Medical University Graz	Berghthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Berghthaler
EPI_ISL_1008207, EPI_ISL_1008208, EPI_ISL_1008209	Ludwig Boltzmann Institut für Experimentelle und Klinische Traumatologie, Lorenz Böhler UKH	Berghthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Berghthaler
EPI_ISL_1008210	Diagnostic & Research Inst. Of Hygiene, Microbiology and Environmental Medicine, Medical University Graz	Berghthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Berghthaler
EPI_ISL_1008213, EPI_ISL_1008214	Institute for Medical and Chemical Laboratory Diagnostics, Kepler Universitätsklinikum	Berghthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Berghthaler
EPI_ISL_1008217, EPI_ISL_1008220, EPI_ISL_1008221, EPI_ISL_1008222, EPI_ISL_1008223, EPI_ISL_1008224, EPI_ISL_1008230, EPI_ISL_1008233, EPI_ISL_1008241, EPI_ISL_1008242, EPI_ISL_1008245, EPI_ISL_1008247			
see above	Department of Laboratory Medicine, Division of Clinical Virology, University of Medicine, Vienna	Berghthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Berghthaler
EPI_ISL_1008273	Institute for Water Quality and Resource Management, Technical University Vienna	Berghthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Berghthaler
EPI_ISL_1008283, EPI_ISL_1008286	Department of Microbiology, University Innsbruck	Berghthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Berghthaler
EPI_ISL_1008292, EPI_ISL_1008293, EPI_ISL_1008294, EPI_ISL_1008296, EPI_ISL_1008297	Klinikum Wels-Grieskirchen	Berghthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Berghthaler
EPI_ISL_1008333, EPI_ISL_1008346, EPI_ISL_1008348, EPI_ISL_1008349, EPI_ISL_1008350, EPI_ISL_1008351, EPI_ISL_1008352, EPI_ISL_1008377, EPI_ISL_1008382, EPI_ISL_1008386, EPI_ISL_1008387, EPI_ISL_1008388			
see above	Department of Laboratory Medicine, Division of Clinical Virology, University of Medicine, Vienna	Berghthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Berghthaler
EPI_ISL_1008389, EPI_ISL_1008390, EPI_ISL_1008394	Ohio Department of Health Laboratory	Ohio Department of Health Laboratory	Holmes, Jennifer; Eric Brandt, Keoni Omura, Glen McGillivray, Caitlin McDonnell, Jade Mowery, Stephanie Mccracken, Tyler Payne, Kirtana Ramadugu, Erica Leasure, Brent Lee, Kelsey Florek, Heather Blankenship, Quanta Brown, and Tammy Bannerman
EPI_ISL_1008396, EPI_ISL_1008399	Narhalsan Fjallbacka VC	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_1008400	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_1008402, EPI_ISL_1008403, EPI_ISL_1008404, EPI_ISL_1008405, EPI_ISL_1008406, EPI_ISL_1008407, EPI_ISL_1008409	A05 Diagnostics	The Public Health Agency of Sweden	Anna-Malin Linde, Maria Lind Karlberg, Carlo Berg, Oskar Karlsson Lindsjo, Sofia Stamouli, Reza Advani, Mattias Haukland, Petra Holmstrom, Noura Walai, Petra Edquist, Mia Brytting, Anna Risberg, Karin Tegmark-Wisell
EPI_ISL_1008413, EPI_ISL_1008439, EPI_ISL_1008443, EPI_ISL_1008445, EPI_ISL_1008447	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_1008451, EPI_ISL_1008452, EPI_ISL_1008453, EPI_ISL_1008454	Synlab Medilab, 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_1008455, EPI_ISL_1008458	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_1008460, EPI_ISL_1008461, EPI_ISL_1008462, EPI_ISL_1008465, EPI_ISL_1008466, EPI_ISL_1008467, EPI_ISL_1008469, EPI_ISL_1008472, EPI_ISL_1008474	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_1008481, EPI_ISL_1008482, EPI_ISL_1008483, EPI_ISL_1008485, EPI_ISL_1008487, EPI_ISL_1008488, EPI_ISL_1008489	Dynamic Code AB	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_1008490, EPI_ISL_1008491, EPI_ISL_1008493, EPI_ISL_1008494, EPI_ISL_1008496, EPI_ISL_1008498, EPI_ISL_1008500, EPI_ISL_1008503, EPI_ISL_1008504, EPI_ISL_1008505, EPI_ISL_1008507, EPI_ISL_1008508, EPI_ISL_1008509, EPI_ISL_1008510, EPI_ISL_1008512, EPI_ISL_1008514, EPI_ISL_1008515, EPI_ISL_1008520, EPI_ISL_1008522, EPI_ISL_1008526, EPI_ISL_1008527, EPI_ISL_1008528, EPI_ISL_1008529, EPI_ISL_1008530, EPI_ISL_1008532, EPI_ISL_1008533			
see above	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_1008535, EPI_ISL_1008536, EPI_ISL_1008537, EPI_ISL_1008538, EPI_ISL_1008539	A05 diagnostics	The Public Health Agency of Sweden	Anna-Malin Linde, Maria Lind Karlberg, Carlo Berg, Oskar Karlsson Lindsjo, Sofia Stamouli, Reza Advani, Mattias Haukland, Petra Holmstrom, Noura Walai, Petra Edquist, Mia Brytting, Anna Risberg, Karin Tegmark-Wisell
EPI_ISL_1008540, EPI_ISL_1008551	Unilabs AB, 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_1008553, EPI_ISL_1008554, EPI_ISL_1008556, EPI_ISL_1008561, EPI_ISL_1008564, EPI_ISL_1008565, EPI_ISL_1008566, EPI_ISL_1008567, EPI_ISL_1008568, EPI_ISL_1008571, EPI_ISL_1008573, EPI_ISL_1008574, EPI_ISL_1008576, EPI_ISL_1008578, EPI_ISL_1008579, EPI_ISL_1008582, EPI_ISL_1008583, EPI_ISL_1008584, EPI_ISL_1008585			
see above	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_1008586	ABC labs	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_1008591, EPI_ISL_1008593, EPI_ISL_1008595	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_1008596	Synlab Medilab, 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_1008597	A23 Lab AB	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_1008602	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_1008610	Ohio Department of Health Laboratory	Ohio Department of Health Laboratory	Holmes, Jennifer; Eric Brandt, Keoni Omura, Glen McGilivray, Caitlin McDonnell, Jade Mowery, Stephanie Mccracken, Tyler Payne, Kirtana Ramadugu, Erica Leasure, Brent Lee, Kelsey Florek, Heather Blankenship, Quanta Brown, and Tammy Bannerman
EPI_ISL_1008651	Ministry of Health Turkey	Ministry of Health Turkey	Fatma Bayrakdar, Yasemin Cogun, Süleyman Yalcin, Aye Baak Alta, Gülay Korukluolu
EPI_ISL_1008664	Ospedale Santa Caterina Novella	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Parisi A., Bianco A., Capozzi L., Del Sambro L., Simone D., Chironna M., Loconsole D., Sallustio A., Ridolfi D.
EPI_ISL_1008678, EPI_ISL_1008703, EPI_ISL_1008704, EPI_ISL_1008705, EPI_ISL_1008708, EPI_ISL_1008711, EPI_ISL_1008712	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., Chironna M., Loconsole D., Sallustio A., Ridolfi D.
EPI_ISL_1008714	Unidad de Patología Clínica	Instituto de diagnóstico y Referencia Epidemiologicos (INDRE) Departamento de Virología	Claudia Wong-Arambula, Abril Rodríguez-Maldonado, Fabiola Garcés-Ayala, Natividad Cruz-Ortiz, Tatiana Nunez-Garcia, Gisela Barrera-Badillo, Lucia Hernandez-Rivas, Irma Lopez-Martinez, Ernesto Ramirez-Gonzalez.
EPI_ISL_1008715, EPI_ISL_1008716, EPI_ISL_1008717, EPI_ISL_1008718, EPI_ISL_1008719, EPI_ISL_1008720, EPI_ISL_1008721, EPI_ISL_1008722, EPI_ISL_1008723, EPI_ISL_1008724, EPI_ISL_1008725, EPI_ISL_1008726, EPI_ISL_1008727, EPI_ISL_1008728, EPI_ISL_1008729, EPI_ISL_1008730, EPI_ISL_1008731, EPI_ISL_1008732, EPI_ISL_1008733, EPI_ISL_1008734, EPI_ISL_1008736, EPI_ISL_1008737, EPI_ISL_1008738, EPI_ISL_1008739, EPI_ISL_1008740, EPI_ISL_1008741, EPI_ISL_1008742, EPI_ISL_1008743, EPI_ISL_1008744, EPI_ISL_1008745, EPI_ISL_1008746, EPI_ISL_1008747, EPI_ISL_1008748, EPI_ISL_1008749, EPI_ISL_1008750, EPI_ISL_1008752, EPI_ISL_1008753, EPI_ISL_1008754, EPI_ISL_1008755, EPI_ISL_1008756, EPI_ISL_1008757, EPI_ISL_1008758, EPI_ISL_1008759, EPI_ISL_1008760			
see above	genXone SA, Molecular Diagnostics Laboratory / NZOZ	genXone SA, Research & Development Laboratory	Maciej Sykulski, Grzegorz Nowicki, Jakub Grabowski, Natalia Drwska-Matelska, Anna Brylak-Baszków, Aleksandra Gidlewicz, Karol Szeszko, ukasz Krych, Micha Kaszuba
EPI_ISL_1008902	PA Department of Health, Bureau of Laboratories	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Krista Queen, Anna Uehara, Peter Cook, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_1008915	GA Department of Public Health Laboratory	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Krista Queen, Anna Uehara, Peter Cook, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_1008924	IN State Department of Health Laboratory Services	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Krista Queen, Anna Uehara, Peter Cook, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_1008930	Servicio de Microbiología. Hospital Ramón y Cajal. (CIBERESP)	SeqCOVID-SPAIN consortium/IBV(CSIC)	Jose Mª González-Alba, L. Olavarrieta, Val Fernández, Juan C Galán and SeqCOVID-SPAIN consortium
EPI_ISL_1008949, EPI_ISL_1008950, EPI_ISL_1008953, EPI_ISL_1008954, EPI_ISL_1008955, EPI_ISL_1008956, EPI_ISL_1008957, EPI_ISL_1008964, EPI_ISL_1008965, EPI_ISL_1008966, EPI_ISL_1008967, EPI_ISL_1008969, EPI_ISL_1008970, EPI_ISL_1008971, EPI_ISL_1008972, EPI_ISL_1008975, EPI_ISL_1008978, EPI_ISL_1008979, EPI_ISL_1008980			
see above	Servicio de Microbiología, Laboratori Clínic Metropolitana Nord. Hospital Universitari Germans Trias i Pujol. Institut d'Investigació en Ciències de la Salut Germans Trias i Pujol (IGTP)	SeqCOVID-SPAIN consortium/IBV(CSIC)	Elisa Martró, Antoni E. Bordoy, Anna Not, Adrián Antuori, Anabel Fernández, Nona Romaní, Verónica Saludes, Cristina Casañ and SeqCOVID-SPAIN consortium
EPI_ISL_1008984, EPI_ISL_1008986, EPI_ISL_1008987, EPI_ISL_1008990, EPI_ISL_1008991, EPI_ISL_1008992, EPI_ISL_1008993, EPI_ISL_1008994, EPI_ISL_1008999, EPI_ISL_1009000, EPI_ISL_1009006, EPI_ISL_1009008			
see above	Hospital Universitario Marqués de Valdeclilla - IDIVAL (Santander, Cantabria)	SeqCOVID-SPAIN consortium/IBV(CSIC)	Mónica Gozalo Margüello, María Eleicer Cano García, Jose Manuel Méndez Legaza, Daniel Pablo Marcos, Jesús Rodríguez Rodríguez, María Siller Ruiz and SeqCOVID-SPAIN consortium
EPI_ISL_1009019	Azienda Ospedaliera San Camillo Forlanini	INMI Lazzaro Spallanzani IRCCS	E Giombini, M. Rueca, B Bartolini, O Butera, C.E.M Gruber, F Messina, G Parisi, M Irno Consalvo, A Di Caro, MR Capobianchi
EPI_ISL_1009024	Fondazione Policlinico Universitario "A. Gemelli" IRCCS	INMI Lazzaro Spallanzani IRCCS	E Giombini, M. Rueca, B Bartolini, O Butera, C.E.M Gruber, F Messina, P Cattani,M Sanguinetti, A Di Caro, MR Capobianchi
EPI_ISL_1009025	Fondazione Policlinico Universitario "A. Gemelli" IRCCS	INMI Lazzaro Spallanzani IRCCS	B Bartolini, O Butera, C.E.M Gruber, M Rueca, F Messina, E Giombini, P Cattani,M Sanguinetti, MR Capobianchi, A Di Caro
EPI_ISL_1009029	AOU Policlinico Umberto I; Sapienza Università di Roma	INMI Lazzaro Spallanzani IRCCS	B Bartolini, O Butera, C.E.M Gruber, M Rueca, F Messina, E Giombini, G Antonelli, O Turriziani, MR Capobianchi, A Di Caro
EPI_ISL_1009032, EPI_ISL_1009034, EPI_ISL_1009037, EPI_ISL_1009040, EPI_ISL_1009053, EPI_ISL_1009055, EPI_ISL_1009060, EPI_ISL_1009062, EPI_ISL_1009065	Servicio de Microbiología. Hospital Ramón y Cajal. (CIBERESP)	SeqCOVID-SPAIN consortium/IBV(CSIC)	Jose Mª González-Alba, L. Olavarrieta, Val Fernández, Juan C Galán and SeqCOVID-SPAIN consortium
EPI_ISL_1009071, EPI_ISL_1009072, EPI_ISL_1009073, EPI_ISL_1009074, EPI_ISL_1009078, EPI_ISL_1009079, EPI_ISL_1009081, EPI_ISL_1009083, EPI_ISL_1009086, EPI_ISL_1009090, EPI_ISL_1009091, EPI_ISL_1009092, EPI_ISL_1009095, EPI_ISL_1009098, EPI_ISL_1009100, EPI_ISL_1009103, EPI_ISL_1009104, EPI_ISL_1009112, EPI_ISL_1009113, EPI_ISL_1009115, EPI_ISL_1009118, EPI_ISL_1009119, EPI_ISL_1009120, EPI_ISL_1009121			
see above	Servicio de Microbiología Clínica (Complejo Hospitalario de Navarra, Pamplona), Instituto de Investigación Sanitaria de Navarra (IdiSNA)	SeqCOVID-SPAIN consortium/IBV(CSIC)	Carmen Ezpeleta Baquedano, Ana Navascués, Ana Miqueleiz and SeqCOVID-SPAIN consortium
EPI_ISL_1009208	American Esoteric Laboratories	Colleen B. Jonsson	Mariah K. Taylor, Walter Reichard, Jyothi Parvathareddy, Colleen B. Jonsson
EPI_ISL_1009618	Cerballiance Cerrieres-le-Buisson	Cerba	Collin T, Lesenne A, Olivi M, Ricard B, Benazra M, Delaplace E, Gresset N, Haim-Boukobza S, Trombert-Paolantoni S, Lecorche E, Roquebert B
EPI_ISL_1009633, EPI_ISL_1009635, EPI_ISL_1009639, EPI_ISL_1009642, EPI_ISL_1009646, EPI_ISL_1009652	DPHL	Delaware Public Health Lab	Gregory Hovan
EPI_ISL_1009667	Cerballiance Bourg-la-Reine	Cerba	Collin T, Lesenne A, Olivi M, Ricard B, Benazra M, Delaplace E, Gresset N, Haim-Boukobza S, Trombert-Paolantoni S, Lecorche E, Roquebert B
EPI_ISL_1009674	Cerballiance Wilson	Cerba	Haïm-Boukobza S, Merah K, Olivi M, Benazra M, Trombert-Paolantoni S, Lecorche E, Roquebert B
EPI_ISL_1010699, EPI_ISL_1010700, EPI_ISL_1010701, EPI_ISL_1010702, EPI_ISL_1010703	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_1010705	Area of Virology, Serology and Virology Division (SAVID), New South Wales Health Pathology Randwick	Microbiology RPAH	Foster, C.; Au, J.; Ruiz Silva, M.; Deveson, I.; Bull, R.; Van Hal, S.; Rawlinson, W.
EPI_ISL_1010729, EPI_ISL_1010730	Department of Laboratory Medicine, National Taiwan University Hospital	Microbial Genomics Core Lab, National Taiwan University Centers of Genomic and Precision Medicine	Shiou-Hwei Yeh, You-Yu Lin, Ya-Yun Lai, Chiao-Ling Li, Shan-Chwen Chang, Pei-Jer Chen, Sui-Yuan Chang
EPI_ISL_1011544, EPI_ISL_1011561, EPI_ISL_1011576	Massachusetts General Hospital	Infectious Disease Program, Broad Institute of Harvard and MIT	Lemieux,J.E., Siddle,K.J., Shaw,B., Adams,G., Pierce,V., Turbett,S., Anahtar,M., Branda,J., Slater,D., Harris,J., Lin,A.E., Gladden-Young,A., Lagerborg,K., Rudy,M., DeRuff,K., Carter,A., Normandin,E., Bauer,M., Reilly,S., Tomkins-Tinch,C., Loreth,C., Chaluvadi,S., Neumann,A., Cusick,C., Chapman,S.B., Gnirke,A., Flowers,K., Cerrato,F., Birren,B.W., Gallagher,G., Smole,S., Park,D.J., MacInnis,B.L., Ryan,E., LaRocque,R., Rosenberg,E. and Sabeti,P.C.
EPI_ISL_1011602, EPI_ISL_1011608, EPI_ISL_1011609, EPI_ISL_1011610, EPI_ISL_1011618, EPI_ISL_1011623, EPI_ISL_1011667	Warrior Diagnostics Laboratory	Infectious Disease Program, Broad Institute of Harvard and MIT	Lemieux,J.E., Siddle,K.J., Marshall,J., O'Neill,M., Bronson,A., Adams,G., Gladden-Young,A., Lagerborg,K., Rudy,M., DeRuff,K., Carter,A., Normandin,E., Bauer,M., Reilly,S., Tomkins-Tinch,C., Loreth,C., Chaluvadi,S., Birren,B.W., Gallagher,G., Smole,S., Park,D.J., MacInnis,B.L., and Sabeti,P.C.
EPI_ISL_1011681, EPI_ISL_1011682, EPI_ISL_1011683, EPI_ISL_1011684, EPI_ISL_1011686, EPI_ISL_1011687, EPI_ISL_1011688, EPI_ISL_1011691, EPI_ISL_1011693, EPI_ISL_1011694, EPI_ISL_1011695, EPI_ISL_1011696, EPI_ISL_1011699, EPI_ISL_1011701, EPI_ISL_1011702			
see above	Broad Institute Clinical Research Sequencing Platform	Infectious Disease Program, Broad Institute of Harvard and	Lemieux,J.E., Siddle,K.J., Adams,G., Gladden-Young,A., Lagerborg,K., Rudy,M., DeRuff,K., Carter,A., Normandin,E., Bauer,M., Reilly,S.,

		MIT	Tomkins-Tinch,C., Loreth,C., Chaluvadi,S., Birren,B.W., Gallagher,G., Smole,S., Park,D.J., MacInnis,B.L., and Sabeti,P.C.
EPI_ISL_1011719, EPI_ISL_1011724, EPI_ISL_1011725, EPI_ISL_1011726, EPI_ISL_1011734, EPI_ISL_1011749, EPI_ISL_1011750	Rhode Island Department of Health	Infectious Disease Program, Broad Institute of Harvard and MIT	Lemieux,J.E., Siddle,K.J., Huard,R., King,E., Azevedo,K., Miller,A., Adams,G., Gladden-Young,A., Lagerborg,K., Rudy,M., DeRuff,K., Carter,A., Normandin,E., Bauer,M., Reilly,S., Tomkins-Tinch,C., Loreth,C., Chaluvadi,S., Birren,B.W., Gallagher,G., Smole,S., Park,D.J., MacInnis,B.L., and Sabeti,P.C.
EPI_ISL_1011752	Cerballiance Grigny	Cerba	Collin T, Lesenne A, Olivi M, Ricard B, Benazra M, Delaplace E, Gresset N, Haim-Boukobza S, Trombert-Paolantoni S, Lecorche E, Roquebert B
EPI_ISL_1011754	General Hospital - Veles	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov" , Macedonian Academy of Sciences and Arts	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska
EPI_ISL_1011755	General Hospital - Bitola	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov" , Macedonian Academy of Sciences and Arts	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska
EPI_ISL_1012376, EPI_ISL_1012388	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1012403, EPI_ISL_1012608	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1012629	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1012695, EPI_ISL_1012697, EPI_ISL_1012703, EPI_ISL_1012705, EPI_ISL_1012709, EPI_ISL_1012710, EPI_ISL_1012712, EPI_ISL_1012713, EPI_ISL_1012714, EPI_ISL_1012715, EPI_ISL_1012716, EPI_ISL_1012718, EPI_ISL_1012719, EPI_ISL_1012723, EPI_ISL_1012727, EPI_ISL_1012729, EPI_ISL_1012732, EPI_ISL_1012733, EPI_ISL_1012736, EPI_ISL_1012738, EPI_ISL_1012739, EPI_ISL_1012741, EPI_ISL_1012742, EPI_ISL_1012743, EPI_ISL_1012745, EPI_ISL_1012746, EPI_ISL_1012754, EPI_ISL_1012759, EPI_ISL_1012761, EPI_ISL_1012765, EPI_ISL_1012767, EPI_ISL_1012768, EPI_ISL_1012787, EPI_ISL_1012789, EPI_ISL_1012791, EPI_ISL_1012798, EPI_ISL_1012799, EPI_ISL_1012804, EPI_ISL_1012807, EPI_ISL_1012811, EPI_ISL_1012812, EPI_ISL_1012825, EPI_ISL_1012827, EPI_ISL_1012828, EPI_ISL_1012835, EPI_ISL_1012839, EPI_ISL_1012840, EPI_ISL_1012844, EPI_ISL_1012845, EPI_ISL_1012851, EPI_ISL_1012852, EPI_ISL_1012853, EPI_ISL_1012857, EPI_ISL_1012860			
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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1012862	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1012863, EPI_ISL_1012868, EPI_ISL_1012869	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1012900	New Mexico Department of Health Scientific Laboratory	New Mexico Department of Health Scientific Laboratory	Elie Johnson, Anastacia Griego-Fisher, D'eldra Malone, Jennifer Benoit
EPI_ISL_1012925	Hospital Universitari Germans Trias i Pujol(HUGTiP)/Fundació Lluita contra la SIDA (FLSida)	IrsiCaixa - Can Ruti CovidSeq	Marc Noguera-Julian, Mariona Parera, Maria Casadellà, Pilar Armengol, Francesc Catala-Moll, Roger Paredes, Bonaventura Clotet Marta Massanella, Ester Ballana, Lidia Ruiz, Nuria Izquierdo, Jorge Carrillo, Roger Paredes, Julia Blanco, Joaquim Segalés, Bonaventura Clotet
EPI_ISL_1012929, EPI_ISL_1012930, EPI_ISL_1012931, EPI_ISL_1012951, EPI_ISL_1012952, EPI_ISL_1012959, EPI_ISL_1012960, EPI_ISL_1012962, EPI_ISL_1012972, EPI_ISL_1012988, EPI_ISL_1012989, EPI_ISL_1012990, EPI_ISL_1012999, EPI_ISL_1013007, EPI_ISL_1013008, EPI_ISL_1013010, EPI_ISL_1013016, EPI_ISL_1013021, EPI_ISL_1013023, EPI_ISL_1013030, EPI_ISL_1013032, EPI_ISL_1013036, EPI_ISL_1013037, EPI_ISL_1013039, EPI_ISL_1013048, EPI_ISL_1013051, EPI_ISL_1013053, EPI_ISL_1013054, EPI_ISL_1013056, EPI_ISL_1013063, EPI_ISL_1013071, EPI_ISL_1013076, EPI_ISL_1013080, EPI_ISL_1013087			
see above	Servicio de Microbiología. Laboratori Clínic Metropolitana Nord. Hospital Universitari Germans Trias i Pujol. Institut d'Investigació en Ciències de la Salut Germans Trias i Pujol (IGTP)	IrsiCaixa - Can Ruti CovidSeq	Marc Noguera-Julian, Mariona Parera, Maria Casadellà, Pilar Armengol, Francesc Catala-Moll, Roger Paredes, Bonaventura Clotet Elisa Martró, Verónica Saludes, Anna Not, Ana Pérez, Montserrat Giménez, Ignacio Blanco, Cristina Esteban, Cristina Casañ, Antoni E. Bordoy, Adrián Antuori
EPI_ISL_1013097	General Hospital - Veles	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov" , Macedonian Academy of Sciences and Arts	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska
EPI_ISL_1013098	General Hospital - Kumanovo	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov" , Macedonian Academy of Sciences and Arts	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska
EPI_ISL_1013099, EPI_ISL_1013100, EPI_ISL_1013101, EPI_ISL_1013104, EPI_ISL_1013105, EPI_ISL_1013106, EPI_ISL_1013109, EPI_ISL_1013110, EPI_ISL_1013115, EPI_ISL_1013118, EPI_ISL_1013119, EPI_ISL_1013120, EPI_ISL_1013123, EPI_ISL_1013126, EPI_ISL_1013134, EPI_ISL_1013139, EPI_ISL_1013140, EPI_ISL_1013141, EPI_ISL_1013142, EPI_ISL_1013143, EPI_ISL_1013144, EPI_ISL_1013145, EPI_ISL_1013152, EPI_ISL_1013157, EPI_ISL_1013158, EPI_ISL_1013163, EPI_ISL_1013165, EPI_ISL_1013166, EPI_ISL_1013168, EPI_ISL_1013169, EPI_ISL_1013171, EPI_ISL_1013174, EPI_ISL_1013176, EPI_ISL_1013178, EPI_ISL_1013179, EPI_ISL_1013180, EPI_ISL_1013181, EPI_ISL_1013205, EPI_ISL_1013206, EPI_ISL_1013208			
see above	CH de Mayotte	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,Combe Patrice
EPI_ISL_1013215, EPI_ISL_1013216	Institut Pasteur de Guadeloupe	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,Talarmin Antoine
EPI_ISL_1013217	Laboratoire de Microbiologie	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Martres Pascale
EPI_ISL_1013227, EPI_ISL_1013234	CH de Mayotte	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,Combe Patrice
EPI_ISL_1013236	Institut Pasteur de Guadeloupe	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,Talarmin Antoine
EPI_ISL_1013239, EPI_ISL_1013252, EPI_ISL_1013269, EPI_ISL_1013274, EPI_ISL_1013285, EPI_ISL_1013300, EPI_ISL_1013302, EPI_ISL_1013304, EPI_ISL_1013311, EPI_ISL_1013322, EPI_ISL_1013328, EPI_ISL_1013330, EPI_ISL_1013355, EPI_ISL_1013362, EPI_ISL_1013365, EPI_ISL_1013366, EPI_ISL_1013367, EPI_ISL_1013368, EPI_ISL_1013369, EPI_ISL_1013370, EPI_ISL_1013371, EPI_ISL_1013372, EPI_ISL_1013373, EPI_ISL_1013374, EPI_ISL_1013375, EPI_ISL_1013376, EPI_ISL_1013377, EPI_ISL_1013378, EPI_ISL_1013380, EPI_ISL_1013381, EPI_ISL_1013382, EPI_ISL_1013383, EPI_ISL_1013384, EPI_ISL_1013385, EPI_ISL_1013386, EPI_ISL_1013387, EPI_ISL_1013388, EPI_ISL_1013389, EPI_ISL_1013390, EPI_ISL_1013392, EPI_ISL_1013393, EPI_ISL_1013394, EPI_ISL_1013395, EPI_ISL_1013396, EPI_ISL_1013397, EPI_ISL_1013398, EPI_ISL_1013400, EPI_ISL_1013401, EPI_ISL_1013402, EPI_ISL_1013403, EPI_ISL_1013404, EPI_ISL_1013405, EPI_ISL_1013407			
see above	CH de Mayotte	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,Combe Patrice
EPI_ISL_1013408, EPI_ISL_1013409, EPI_ISL_1013410	CHU - Hôpital Cavale Blanche	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Pilorge LÉA
EPI_ISL_1013418, EPI_ISL_1013419, EPI_ISL_1013420, EPI_ISL_1013421, EPI_ISL_1013422, EPI_ISL_1013423, EPI_ISL_1013424, EPI_ISL_1013425, EPI_ISL_1013426, EPI_ISL_1013427, EPI_ISL_1013428, EPI_ISL_1013429, EPI_ISL_1013430, EPI_ISL_1013431, EPI_ISL_1013432, EPI_ISL_1013433, EPI_ISL_1013434, EPI_ISL_1013435, EPI_ISL_1013436			
see above	Institut Pasteur de Guadeloupe	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,Talarmin Antoine
EPI_ISL_1013438, EPI_ISL_1013439, EPI_ISL_1013440, EPI_ISL_1013441, EPI_ISL_1013442, EPI_ISL_1013443, EPI_ISL_1013445, EPI_ISL_1013446, EPI_ISL_1013447, EPI_ISL_1013448, EPI_ISL_1013449			
see above	Laboratoire associé au CNR des Virus Influenzae	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Rousset (Guy) Dominique
EPI_ISL_1013450, EPI_ISL_1013451	General Hospital - Kumanovo	Research Center for Genetic Engineering and Biotechnology	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska



EPI_ISL_1014765	Institute for Lung Diseases in Children - Skopje	Arts	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska
		Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov" , Macedonian Academy of Sciences and Arts	
EPI_ISL_1014766	General Hospital - Prilep	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov" , Macedonian Academy of Sciences and Arts	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska
EPI_ISL_1014813, EPI_ISL_1014816, EPI_ISL_1014823, EPI_ISL_1014824, EPI_ISL_1014826, EPI_ISL_1014830, EPI_ISL_1014832, EPI_ISL_1014833, EPI_ISL_1014835, EPI_ISL_1014837, EPI_ISL_1014838, EPI_ISL_1014841, EPI_ISL_1014842, EPI_ISL_1014843, EPI_ISL_1014844, EPI_ISL_1014845, EPI_ISL_1014846, EPI_ISL_1014847, EPI_ISL_1014848, EPI_ISL_1014849, EPI_ISL_1014851, EPI_ISL_1014853, EPI_ISL_1014854, EPI_ISL_1014856, EPI_ISL_1014857, EPI_ISL_1014878, EPI_ISL_1014880, EPI_ISL_1014881, EPI_ISL_1014882, EPI_ISL_1014885, EPI_ISL_1014886, EPI_ISL_1014887, EPI_ISL_1014888, EPI_ISL_1014889, EPI_ISL_1014890, EPI_ISL_1014892, EPI_ISL_1014893, EPI_ISL_1014894, EPI_ISL_1014895, EPI_ISL_1014896, EPI_ISL_1014897, EPI_ISL_1014898, EPI_ISL_1014899, EPI_ISL_1014900, EPI_ISL_1014901, EPI_ISL_1014902, EPI_ISL_1014903			
see above	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_1014912	General Hospital - Tetovo	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov" , Macedonian Academy of Sciences and Arts	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska
EPI_ISL_1014933	General Hospital - Strumica	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov" , Macedonian Academy of Sciences and Arts	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska
EPI_ISL_1014934	General Hospital - Ohrid	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov" , Macedonian Academy of Sciences and Arts	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska
EPI_ISL_1014937	Ohio Department of Health Laboratory	Ohio Department of Health Laboratory	Holmes, Jennifer; Eric Brandt, Keoni Omura, Glen McGillivray, Caitlin McDonnell, Jade Mowery, Stephanie Mccracken, Tyler Payne, Kirtana Ramadugu, Erica Leasure, Brent Lee, Kelsey Florek, Heather Blankenship, Quanta Brown, and Tammy Bannerman
EPI_ISL_1014938	General Hospital - Veles	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov" , Macedonian Academy of Sciences and Arts	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska
EPI_ISL_1014939	General Hospital - Struga	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov" , Macedonian Academy of Sciences and Arts	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska
EPI_ISL_1015343, EPI_ISL_1015345, EPI_ISL_1015350, EPI_ISL_1015351	New Mexico Department of Health Scientific Laboratory	Center for Global Health, University of New Mexico Health Sciences Center	Daryl Domman, Kurt Schwalm, Twila Kunde, Joseph Hicks, Anastacia Griego, Michael Edwards, Darrell Dinwiddie
EPI_ISL_1015367	Kingston Health Sciences Centre and Queen's University	Ontario Institute for Cancer Research	Prameet M. Sheth,Calvin Sjaarda,Robert Colautti,Katya Douchant,Ilinca Lungu,Bernard Lam,Jeremy Johns,Paul Krzyzanowski,Richard de Borja,Felicia Vincelli,Philip Zuzarte,Jared T. Simpson
EPI_ISL_1015508, EPI_ISL_1015510, EPI_ISL_1015512, EPI_ISL_1015514	City of Milwaukee Health Department Laboratory	City of Milwaukee Health Department Laboratory	Sanjib Bhattacharyya
EPI_ISL_1015516, EPI_ISL_1015520	Azienda Sanitaria dell'Alto Adige Laboratorio Aziendale di Microbiologia e Virologia	Istituto di Genomica Applicata	Elisabetta Pagani, Irene Bianconi, Elisabetta Giacobazzi, Elisa Masi, Stefanie Wieser, Irena Jurman, Vera Vendramin, Gabriele Magris, Eleonora Paparelli, Davide Scaglione, Michele Morgante
EPI_ISL_1015602, EPI_ISL_1015603, EPI_ISL_1015648, EPI_ISL_1015652	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_1015654, EPI_ISL_1015663, EPI_ISL_1015668, EPI_ISL_1015671, EPI_ISL_1015675, EPI_ISL_1015677, EPI_ISL_1015679, EPI_ISL_1015680, EPI_ISL_1015685, EPI_ISL_1015688, EPI_ISL_1015689, EPI_ISL_1015690, EPI_ISL_1015695, EPI_ISL_1015696, EPI_ISL_1015697, EPI_ISL_1015699, EPI_ISL_1015707	see above	Columbia University Irving Medical Center	Wadsworth Center, New York State Department of Health
EPI_ISL_1015862, EPI_ISL_1015953, EPI_ISL_1015965	Altius Institute for Biomedical Sciences	Seattle Flu Study	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_1016112, EPI_ISL_1016113, EPI_ISL_1016114, EPI_ISL_1016115	Columbia University Irving Medical Center	Wadsworth Center, New York State Department of Health	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Erica Ryke, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Ryan Alexander, Daniel Bates, Rebecca Bruders, Stephanie DeBaun, Clem Green, Muhammad Halimun, Jessica Halow, Kneshay Harper, Matt Hartman, Andrew Meuser, Alex Nguyen, Truong Nguyen, Sofia Olsson, Sadie Patraw, Hannah Petersen, Tobias Ragoczy, Joshua Richards, Jacob Rodriguez, John Stamatoyannopoulos, Julia Wald, Olivia Waltner, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Helen Y. Chu, Jay Shendure, Trevor Bedford
EPI_ISL_1016127, EPI_ISL_1016128, EPI_ISL_1016129, EPI_ISL_1016141, EPI_ISL_1016142	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_1016143, EPI_ISL_1016148, EPI_ISL_1016150	NORTHWELL HEALTH 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_1016155	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_1016156, EPI_ISL_1016157, EPI_ISL_1016162, EPI_ISL_1016163, EPI_ISL_1016166	NORTHWELL HEALTH 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_1016174, EPI_ISL_1016184, EPI_ISL_1016190, EPI_ISL_1016191, EPI_ISL_1016194, EPI_ISL_1016206, EPI_ISL_1016212, EPI_ISL_1016214, EPI_ISL_1016215	MONTEFIORE MEDICAL CENTER LABORATORIES	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1016229, EPI_ISL_1016230, EPI_ISL_1016232, EPI_ISL_1016234, EPI_ISL_1016235	New York Presbyterian 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_1016257	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_1016262, EPI_ISL_1016266, EPI_ISL_1016269, EPI_ISL_1016272, EPI_ISL_1016273, EPI_ISL_1016278	New York Presbyterian 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_1016285, EPI_ISL_1016286	SUNY UPSTATE MEDICAL UNIVERSITY	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_1016294	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_1016300, EPI_ISL_1016301, EPI_ISL_1016302	SUNY UPSTATE MEDICAL UNIVERSITY	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_1016307, EPI_ISL_1016308, EPI_ISL_1016309	New York Presbyterian 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_1016315, EPI_ISL_1016316, EPI_ISL_1016317, EPI_ISL_1016318, EPI_ISL_1016320	SUNY UPSTATE MEDICAL UNIVERSITY	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_1016324	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_1016327	SUNY UPSTATE MEDICAL UNIVERSITY	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_1016328	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_1016341	New York Presbyterian 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_1016348, EPI_ISL_1016351, EPI_ISL_1016352, EPI_ISL_1016356, EPI_ISL_1016358, EPI_ISL_1016359, EPI_ISL_1016360, EPI_ISL_1016361, EPI_ISL_1016363, EPI_ISL_1016364	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_1016368, EPI_ISL_1016372	New York Presbyterian 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_1016375, EPI_ISL_1016376	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_1016382, EPI_ISL_1016384, EPI_ISL_1016386, EPI_ISL_1016387, EPI_ISL_1016388, EPI_ISL_1016392, EPI_ISL_1016396, EPI_ISL_1016398, EPI_ISL_1016400, EPI_ISL_1016401	New York Presbyterian 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_1016418, EPI_ISL_1016421, EPI_ISL_1016424, EPI_ISL_1016425, EPI_ISL_1016427, EPI_ISL_1016431, EPI_ISL_1016437, EPI_ISL_1016439, EPI_ISL_1016443, EPI_ISL_1016444, EPI_ISL_1016445, EPI_ISL_1016446, EPI_ISL_1016447, EPI_ISL_1016448, EPI_ISL_1016449, EPI_ISL_1016454	see above	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_1016458	NORTHWELL HEALTH 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_1016464, EPI_ISL_1016465, EPI_ISL_1016467	STONY BROOK 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_1016470, EPI_ISL_1016471, EPI_ISL_1016473	ALBANY MEDICAL CENTER HOSPITAL CLINICAL 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_1016476	STONY BROOK 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_1016491, EPI_ISL_1016498, EPI_ISL_1016504, EPI_ISL_1016505	University of Miami Immunology and Histocompatibility Laboratory	University of Miami Immunology and Histocompatibility Laboratory	Emilio Margolles-Clark, PhD and Phillip Ruiz, MD, PhD	
EPI_ISL_1016628, EPI_ISL_1016630, EPI_ISL_1016634, EPI_ISL_1016636, EPI_ISL_1016639, EPI_ISL_1016658, EPI_ISL_1016666, EPI_ISL_1016667, EPI_ISL_1016668, EPI_ISL_1016672, EPI_ISL_1016770	see above	Helix/Illumina	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, Eileen de Feo, Jan Antico, Christine Tran, Matthew Tolentino, Shannon Wickline, Kim Gietzen, Brad Sickler, Jingtao Liu, Eric Allen, Phil Febbo, Summer Galloway, Nicole L. Washington, Simon White, Geraint Levan, Kelly Schiabor Barrett, Elizabeth Cirulli, Alexandre Bolze, Ary Ascencio, Charlotte Rivera-Garcia, Ryan Cho, Jason Nguyen, Sherry Wang, Jimmy Ramirez, Tyler Cassens, Elen Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1016822	University of Sarajevo, Veterinary Faculty, Laboratory for Molecular Diagnostic and Research Laboratory	University of Sarajevo, Veterinary Faculty, Laboratory for Molecular Diagnostic and Research Laboratory	Goletic T., Goletic S., Softic A., Alic-Seho A., Hodzic A., Sabic E., Nicevic M., Terzic I., Jazic A.	
EPI_ISL_1016842	University of Sarajevo, Veterinary Faculty, Laboratory for Molecular Diagnostic and Research Laboratory	University of Sarajevo, Veterinary Faculty, Laboratory for Molecular Diagnostic and Research Laboratory	Goletic T., Goletic S., Softic A., Alic-Seho A., Nicevic M., Jazic A., Hodzic A., Terzic I., Sabic E.	
EPI_ISL_1016843	University of Sarajevo, Veterinary Faculty, Laboratory for Molecular Diagnostic and Research Laboratory	University of Sarajevo, Veterinary Faculty, Laboratory for Molecular Diagnostic and Research Laboratory	Goletic T., Goletic S., Softic A., Alic-Seho A., Hodzic A., Terzic I., Jazic A., Sabic E., Nicevic M.	
EPI_ISL_1016861, EPI_ISL_1016880	LabPLUS	Institute of Environmental Science and Research (ESR)	Xiaoyun Ren, Matt Storey, Nikki Freed, Muhammad Faisal, Jing Wang, Hermes Perez, Anja Werno, Antje van der Linden, Arlo Upton, Chris Mansell, David Hammer, Dragana Drinkovic, Gary McAuliffe, Hana Sofia Andersson, James Ussher, Jill Sherwood, Josh Freeman, Julia Howard, Juliet Elvy, Mary DeAlmeida, Matt Blakiston, Matthew Rogers, Max Bloomfield, Michael Addidle, Michelle Balm, Sally Roberts, Sarah Jefferies, Sharmini Muttaiyah, Susan Morpeth, Susan Taylor, Timothy Blackmore, Vani Sathyendran, Veronica Playle, Virginia Hope, Erasmus Smit, Lauren Jelly, Olin Silander, Joep de Ligt	
EPI_ISL_1017487, EPI_ISL_1017496	Murphy Medical Associates	Grubaugh Lab - Yale School of Public Health	Mary Petrone, Joseph Fauver, Caleb Neal, Steven Murphy, Chantal Vogels, Mallery Brehan, Annie Watkins, Tara Alpert, Nathan Grubaugh	
EPI_ISL_1017682, EPI_ISL_1017692, EPI_ISL_1017693, EPI_ISL_1017696	Institute of Virology, Vaccines and Sera "Torlak"	Institute of microbiology and Immunology, Faculty of Medicine, University of Belgrade	Knezevic,A., Jankovic,M., Vidanovic,D., Milicevic,O., Tesovic,B., Sekler,M., Jovanovic,T.	
EPI_ISL_1017837, EPI_ISL_1017847, EPI_ISL_1017852, EPI_ISL_1017874, EPI_ISL_1017876, EPI_ISL_1017883, EPI_ISL_1017893, EPI_ISL_1017894, EPI_ISL_1017896, EPI_ISL_1017897, EPI_ISL_1017898, EPI_ISL_1017904, EPI_ISL_1017906, EPI_ISL_1017907, EPI_ISL_1017913, EPI_ISL_1017914, EPI_ISL_1017916, EPI_ISL_1017920, EPI_ISL_1017921, EPI_ISL_1017927, EPI_ISL_1017947	see above	Wyoming Public Health Laboratory	Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Bailey Bowcutt, and Wanda Manley	
EPI_ISL_1018071, EPI_ISL_1018072, EPI_ISL_1018073, EPI_ISL_1018074, EPI_ISL_1018076, EPI_ISL_1018077, EPI_ISL_1018078, EPI_ISL_1018082, EPI_ISL_1018083, EPI_ISL_1018084, EPI_ISL_1018085, EPI_ISL_1018086, EPI_ISL_1018087	see above	Immunology, Noguchi Memorial Institute for Medical Research	Adu,B., Egyir,B., Kumordjie,S., Agbodzi,B., Yeboah,C., Mohktar,Q., Oteng,F., Owusu-Nyantakyi,C., Asare,K.M., Appiah-Kubi,J., Adusei-Poku,M.A., Odoom,J.K., Ampofo,W.K., Bonney,J.K.	
EPI_ISL_1018102	General Hospital - Strumica	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov", Macedonian Academy of Sciences and	Aleksandar J. Dimovski, Dijana Plasheska-Karanfiska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska	

EPI_ISL_1018103	General Hospital - Ohrid	Arts	
		Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov" , Macedonian Academy of Sciences and Arts	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska
		Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov" , Macedonian Academy of Sciences and Arts	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska
		Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov" , Macedonian Academy of Sciences and Arts	Ileksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska
		Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov" , Macedonian Academy of Sciences and Arts	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska
		Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov" , Macedonian Academy of Sciences and Arts	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska
		Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov" , Macedonian Academy of Sciences and Arts	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska
		Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov" , Macedonian Academy of Sciences and Arts	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska
EPI_ISL_1018114, EPI_ISL_1018116	AZ Klina	AZ Klina	
		Dr. C. Vael	
EPI_ISL_1018117	General Hospital - Shtip	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov" , Macedonian Academy of Sciences and Arts	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska
EPI_ISL_1018220, EPI_ISL_1018222, EPI_ISL_1018223, EPI_ISL_1018227	Althaiia. Xarxa Assistencial Universitària de Manresa	IrsiCaixa - Can Ruti CovidSeq	Marc Noguera-Julian, Mariona Parera, Maria Casadellà, Pilar Armengol, Francesc Catala-Moll, Roger Paredes, Bonaventura Clotet Gloria Trujillo, Rafel Perez Vidal, Jaume Trape Pujol, Carolina Gonzalez Fernandez, Roger Paredes, Eulalia Grau, Bonaventura Clotet
EPI_ISL_1018766	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_1019586	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_1019587, EPI_ISL_1019592, EPI_ISL_1019597, EPI_ISL_1019600, EPI_ISL_1019601, EPI_ISL_1019605, EPI_ISL_1019606, EPI_ISL_1019609, EPI_ISL_1019611, EPI_ISL_1019612, EPI_ISL_1019613, EPI_ISL_1019615, EPI_ISL_1019617, EPI_ISL_1019618, EPI_ISL_1019619, EPI_ISL_1019620, EPI_ISL_1019621, EPI_ISL_1019622, EPI_ISL_1019623, EPI_ISL_1019624, EPI_ISL_1019625, EPI_ISL_1019626, EPI_ISL_1019630, EPI_ISL_1019631, EPI_ISL_1019632, EPI_ISL_1019633, EPI_ISL_1019634, EPI_ISL_1019635, EPI_ISL_1019636, EPI_ISL_1019638, EPI_ISL_1019639, EPI_ISL_1019641, EPI_ISL_1019644, EPI_ISL_1019646, EPI_ISL_1019648, EPI_ISL_1019649, EPI_ISL_1019652, EPI_ISL_1019654, EPI_ISL_1019656, EPI_ISL_1019667, EPI_ISL_1019669, EPI_ISL_1019670, EPI_ISL_1019675, EPI_ISL_1019677, EPI_ISL_1019679, EPI_ISL_1019682, EPI_ISL_1019684, EPI_ISL_1019690, EPI_ISL_1019694, EPI_ISL_1019698, EPI_ISL_1019701, EPI_ISL_1019704, EPI_ISL_1019708, EPI_ISL_1019709, EPI_ISL_1019711, EPI_ISL_1019714, EPI_ISL_1019717, EPI_ISL_1019721, EPI_ISL_1019723, EPI_ISL_1019727, EPI_ISL_1019728, EPI_ISL_1019733, EPI_ISL_1019735, EPI_ISL_1019736, EPI_ISL_1019740, EPI_ISL_1019741, EPI_ISL_1019743, EPI_ISL_1019744, EPI_ISL_1019746, EPI_ISL_1019747, EPI_ISL_1019749, EPI_ISL_1019752, EPI_ISL_1019755, EPI_ISL_1019757, EPI_ISL_1019760, EPI_ISL_1019766, EPI_ISL_1019774, EPI_ISL_1019776, EPI_ISL_1019777, EPI_ISL_1019782, EPI_ISL_1019784, EPI_ISL_1019786, EPI_ISL_1019791, EPI_ISL_1019792, EPI_ISL_1019794, EPI_ISL_1019796, EPI_ISL_1019817, EPI_ISL_1019819, EPI_ISL_1019821, EPI_ISL_1019824, EPI_ISL_1019826, EPI_ISL_1019829, EPI_ISL_1019844, EPI_ISL_1019848, EPI_ISL_1019850, EPI_ISL_1019859, EPI_ISL_1019860, EPI_ISL_1019864, EPI_ISL_1019868, EPI_ISL_1019870, EPI_ISL_1019879, EPI_ISL_1019881, EPI_ISL_1019889, EPI_ISL_1019891, EPI_ISL_1019895, EPI_ISL_1019896, EPI_ISL_1019898, EPI_ISL_1019902, EPI_ISL_1019904, EPI_ISL_1019907, EPI_ISL_1019918, EPI_ISL_1019921, EPI_ISL_1019931, EPI_ISL_1019935, EPI_ISL_1019944, EPI_ISL_1019949, EPI_ISL_1019954, EPI_ISL_1019959, EPI_ISL_1019964, EPI_ISL_1019967, EPI_ISL_1019972, EPI_ISL_1019973, EPI_ISL_1019980, EPI_ISL_1019981, EPI_ISL_1019989, EPI_ISL_1019994, EPI_ISL_1019998, EPI_ISL_1020001, EPI_ISL_1020003, EPI_ISL_1020004, EPI_ISL_1020006, EPI_ISL_1020008, EPI_ISL_1020009			
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_1020017	Hospital San Agustín	Laboratorio de Virología HUCA	Sandoval M, Castelló C, Gómez de Oña J, Boga JA, Rojo S, Alvarez-Arguelles ME, Abreu F, Costales I, Perez-Martínez Z, Martín-Rodríguez G, Coto E, Melón S
EPI_ISL_1020121, EPI_ISL_1020122, EPI_ISL_1020123	Laboratorio de Virología HUCA	Laboratorio de Virología HUCA	Sandoval M, Castelló C, Gómez de Oña J, Boga JA, Rojo S, Alvarez-Arguelles ME, Abreu F, Costales I, Perez-Martínez Z, Martín-Rodríguez G, Coto E, Melón S
EPI_ISL_1020124	Hospital de Cabueñes	Laboratorio de Virología HUCA	Sandoval M, Castelló C, Gómez de Oña J, Boga JA, Rojo S, Alvarez-Arguelles ME, Abreu F, Costales I, Perez-Martínez Z, Martín-Rodríguez G, Coto E, Melón S
EPI_ISL_1020125	Hospital San Agustín	Laboratorio de Virología HUCA	Sandoval M, Castelló C, Gómez de Oña J, Boga JA, Rojo S, Alvarez-Arguelles ME, Abreu F, Costales I, Perez-Martínez Z, Martín-Rodríguez G, Coto E, Melón S
EPI_ISL_1020126, EPI_ISL_1020128	Laboratorio de Virología HUCA	Laboratorio de Virología HUCA	Sandoval M, Castelló C, Gómez de Oña J, Boga JA, Rojo S, Alvarez-Arguelles ME, Abreu F, Costales I, Perez-Martínez Z, Martín-Rodríguez G, Coto E, Melón S
EPI_ISL_1020131	University Clinic of Nephrology- Skopje	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov" , Macedonian Academy of Sciences and Arts	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska
EPI_ISL_1020132	Laboratorio de Virología HUCA	Laboratorio de Virología HUCA	Sandoval M, Castelló C, Gómez de Oña J, Boga JA, Rojo S, Alvarez-Arguelles ME, Abreu F, Costales I, Perez-Martínez Z, Martín-Rodríguez G, Coto E, Melón S
EPI_ISL_1020134	University Clinic of Nephrology- Skopje	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov" , Macedonian Academy of Sciences and Arts	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska
EPI_ISL_1020135	Laboratorio de Virología HUCA	Laboratorio de Virología HUCA	Sandoval M, Castelló C, Gómez de Oña J, Boga JA, Rojo S, Alvarez-Arguelles ME, Abreu F, Costales I, Perez-Martínez Z, Martín-Rodríguez G, Coto E, Melón S
EPI_ISL_1020138, EPI_ISL_1020141, EPI_ISL_1020143	University Clinic of Nephrology- Skopje	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov" , Macedonian Academy of Sciences and Arts	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska
EPI_ISL_1020145	Hospital de Cabueñes	Laboratorio de Virología HUCA	Sandoval M, Castelló C, Gómez de Oña J, Boga JA, Rojo S, Alvarez-Arguelles ME, Abreu F, Costales I, Perez-Martínez Z, Martín-Rodríguez G, Coto E, Melón S
EPI_ISL_1020146	University Clinic of Nephrology- Skopje	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov" , Macedonian Academy of Sciences and Arts	Ileksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska

















EPI_ISL_1049102, EPI_ISL_1049103, EPI_ISL_1049104, EPI_ISL_1049105, EPI_ISL_1049114, EPI_ISL_1049115, EPI_ISL_1049117, EPI_ISL_1049118, EPI_ISL_1049119, EPI_ISL_1049120, EPI_ISL_1049121, EPI_ISL_1049122, EPI_ISL_1049128, EPI_ISL_1049129, EPI_ISL_1049131, EPI_ISL_1049132, EPI_ISL_1049166, EPI_ISL_1049167, EPI_ISL_1049168, EPI_ISL_1049170, EPI_ISL_1049171, EPI_ISL_1049172, EPI_ISL_1049173, EPI_ISL_1049175, EPI_ISL_1049176, EPI_ISL_1049181, EPI_ISL_1049183, EPI_ISL_1049184, EPI_ISL_1049188, EPI_ISL_1049189, EPI_ISL_1049190, EPI_ISL_1049191, EPI_ISL_1049193, EPI_ISL_1049194, EPI_ISL_1049195, EPI_ISL_1049197, EPI_ISL_1049199, EPI_ISL_1049201, EPI_ISL_1049202			
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_1049207, EPI_ISL_1049208	Blackhawk Genomics	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Brian Lynch, Krista Queen, Anna Uehara, Peter Cook, Han Jia Ng, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_1049209	PA Department of Health, Bureau of Laboratories	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Brian Lynch, Krista Queen, Anna Uehara, Peter Cook, Han Jia Ng, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_1049210, EPI_ISL_1049211	Blackhawk Genomics	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Brian Lynch, Krista Queen, Anna Uehara, Peter Cook, Han Jia Ng, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_1049212, EPI_ISL_1049213	PA Department of Health, Bureau of Laboratories	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Brian Lynch, Krista Queen, Anna Uehara, Peter Cook, Han Jia Ng, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_1049220	Blackhawk Genomics	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Brian Lynch, Krista Queen, Anna Uehara, Peter Cook, Han Jia Ng, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_1049223	PA Department of Health, Bureau of Laboratories	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Brian Lynch, Krista Queen, Anna Uehara, Peter Cook, Han Jia Ng, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_1049225	TN Division of Laboratory Services	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Brian Lynch, Krista Queen, Anna Uehara, Peter Cook, Han Jia Ng, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_1049227, EPI_ISL_1049243, EPI_ISL_1049244, EPI_ISL_1049245, EPI_ISL_1049246, EPI_ISL_1049247, EPI_ISL_1049248, EPI_ISL_1049249, EPI_ISL_1049250, EPI_ISL_1049251, EPI_ISL_1049252, EPI_ISL_1049253, EPI_ISL_1049254, EPI_ISL_1049255, EPI_ISL_1049256, EPI_ISL_1049257			
see above	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin L. Young, Kelly F. Oakeson, Tara Gallagher
EPI_ISL_1049483, EPI_ISL_1049484, EPI_ISL_1049485, EPI_ISL_1049486, EPI_ISL_1049488, EPI_ISL_1049489, EPI_ISL_1049490, EPI_ISL_1049491, EPI_ISL_1049492, EPI_ISL_1049493, EPI_ISL_1049494, EPI_ISL_1049495, EPI_ISL_1049496, EPI_ISL_1049497, EPI_ISL_1049498, EPI_ISL_1049499, EPI_ISL_1049500, EPI_ISL_1049501, EPI_ISL_1049502, EPI_ISL_1049504, EPI_ISL_1049505, EPI_ISL_1049506, EPI_ISL_1049507			
see above	Alaska State Virology Laboratory	Alaska State Virology Laboratory	Stephanie DeRonde, Lisa Smith, Ph.D., Jack Chen, Ph.D.
EPI_ISL_1049562, EPI_ISL_1049569	Washington State Department of Health	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_1049927, EPI_ISL_1049928, EPI_ISL_1049940, EPI_ISL_1049942, EPI_ISL_1049943, EPI_ISL_1049944, EPI_ISL_1049945, EPI_ISL_1049946, EPI_ISL_1049947, EPI_ISL_1049948, EPI_ISL_1049949, EPI_ISL_1049950, EPI_ISL_1049951, EPI_ISL_1049952, EPI_ISL_1049953, EPI_ISL_1049954, EPI_ISL_1049955, EPI_ISL_1049956, EPI_ISL_1049958, EPI_ISL_1049959, EPI_ISL_1049961, EPI_ISL_1049964, EPI_ISL_1049965, EPI_ISL_1049966, EPI_ISL_1049967, EPI_ISL_1049968, EPI_ISL_1049969, EPI_ISL_1049970, EPI_ISL_1049971, EPI_ISL_1049972, EPI_ISL_1049973, EPI_ISL_1049974, EPI_ISL_1049975, EPI_ISL_1049976, EPI_ISL_1049977			
see above	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton
EPI_ISL_1050065	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_1050222, EPI_ISL_1050234	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_1050239	Lighthouse Lab in Glasgow / 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; Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak; Alasdair MacLean, Rory Gunson; Richard Orton, Joseph Hughes, Sreenu Vattipally, David L Robertson; Sharif Shaaban, Matthew Holden; Kathy Li, James Shepherd, Antonia Ho, Emma Thomson
EPI_ISL_1050293, EPI_ISL_1050295, EPI_ISL_1050297, EPI_ISL_1050306	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_1050380, EPI_ISL_1050381	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_1050605, EPI_ISL_1050606, EPI_ISL_1050610, EPI_ISL_1050614, EPI_ISL_1050619, EPI_ISL_1050633, EPI_ISL_1050637, EPI_ISL_1050640, EPI_ISL_1050642, EPI_ISL_1050644, EPI_ISL_1050645, EPI_ISL_1050649, EPI_ISL_1050653, EPI_ISL_1050655, EPI_ISL_1050661, EPI_ISL_1050663, EPI_ISL_1050664, EPI_ISL_1050665, EPI_ISL_1050670, EPI_ISL_1050672, EPI_ISL_1050673, EPI_ISL_1050675, EPI_ISL_1050689, EPI_ISL_1050690, EPI_ISL_1050694, EPI_ISL_1050696, EPI_ISL_1050698, EPI_ISL_1050700, EPI_ISL_1050701, EPI_ISL_1050702, EPI_ISL_1050705, EPI_ISL_1050709, EPI_ISL_1050710, EPI_ISL_1050711, EPI_ISL_1050712, EPI_ISL_1050719, EPI_ISL_1050720, EPI_ISL_1050721, EPI_ISL_1050722			
see above	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun, Yasmin Chaudhry, Iliana Georgana, Myra Hosmillo, Rhys Izuagbe, William L. Hamilton, Martin D. Curran, Surendra Parmar, Ian Goodfellow
EPI_ISL_1050764, EPI_ISL_1050772, EPI_ISL_1050779, EPI_ISL_1050781, EPI_ISL_1050782, EPI_ISL_1050783, EPI_ISL_1050786, EPI_ISL_1050787, EPI_ISL_1050802, EPI_ISL_1050823, EPI_ISL_1050824, EPI_ISL_1050826			
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_1050831, EPI_ISL_1050832	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_1050838, EPI_ISL_1050844, EPI_ISL_1050845	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_1050865, EPI_ISL_1050867, EPI_ISL_1050870	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_1050875, EPI_ISL_1050881, EPI_ISL_1050882	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_1050884, EPI_ISL_1050885, EPI_ISL_1050886, EPI_ISL_1050899, EPI_ISL_1050903, EPI_ISL_1050907	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_1059926			F.
EPI_ISL_1059927, EPI_ISL_1059928, EPI_ISL_1059929, EPI_ISL_1059930, EPI_ISL_1059931, EPI_ISL_1059932, EPI_ISL_1059933	HOSPITAL GENERAL UNIVERSITARIO SANTA LUCIA	Instituto de Salud Carlos III	Iglesias-Caballero, M. Sandonís,V. Vázquez-Morón, S. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Blázquez, A.
EPI_ISL_1059934, EPI_ISL_1059935	HOSPITAL DE MERIDA - SERVICIO DE CONTABILIDAD - C.D.02	Instituto de Salud Carlos III	Iglesias-Caballero, M. Sandonís,V. Vázquez-Morón, S. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Sánchez, J.
EPI_ISL_1059936	HOSPITAL UNIV. MIGUEL SERVET	Instituto de Salud Carlos III	Iglesias-Caballero, M. Sandonís,V. Vázquez-Morón, S. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Martínez, A.
EPI_ISL_1059937	HOSPITAL DE LA VEGA LORENZO GUIRAO	Instituto de Salud Carlos III	Iglesias-Caballero, M. Sandonís,V. Vázquez-Morón, S. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Álvarez, J.
EPI_ISL_1059938, EPI_ISL_1059939, EPI_ISL_1059940	HOSPITAL J.M. MORALES MESEGUER	Instituto de Salud Carlos III	Iglesias-Caballero, M. Sandonís,V. Vázquez-Morón, S. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Antequera, P.
EPI_ISL_1059952	HOSPITAL J.M. MORALES MESEGUER	Instituto de Salud Carlos III	Sandonís,V. Vázquez-Morón, S. Iglesias-Caballero, M. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Antequera, P.
EPI_ISL_1059965	HOSPITAL J.M. MORALES MESEGUER	Instituto de Salud Carlos III	Vázquez-Morón,S. Iglesias-Caballero, M. Sandonís,V. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Antequera, P.
EPI_ISL_1059976, EPI_ISL_1059977	HOSPITAL COMARCAL DE MELILLA	Instituto de Salud Carlos III	Iglesias-Caballero, M. Sandonís,V. Vázquez-Morón, S. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Román, S.
EPI_ISL_1059978, EPI_ISL_1059979	HOSPITAL UNIV. MIGUEL SERVET	Instituto de Salud Carlos III	Iglesias-Caballero, M. Sandonís,V. Vázquez-Morón, S. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Milagro, A. M.
EPI_ISL_1059991	HOSPITAL UNIVERSITARIO DE CEUTA	Instituto de Salud Carlos III	Sandonís,V. Vázquez-Morón, S. Iglesias-Caballero, M. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. López, J.
EPI_ISL_1059993, EPI_ISL_1059994, EPI_ISL_1059995	HOSPITAL J.M. MORALES MESEGUER	Instituto de Salud Carlos III	Sandonís,V. Vázquez-Morón, S. Iglesias-Caballero, M. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Antequera, P.
EPI_ISL_1060000, EPI_ISL_1060008	HOSPITAL UNIV. MIGUEL SERVET	Instituto de Salud Carlos III	Iglesias-Caballero, M. Sandonís,V. Vázquez-Morón, S. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Milagro, A. M.
EPI_ISL_1060022, EPI_ISL_1060023, EPI_ISL_1060024, EPI_ISL_1060027, EPI_ISL_1060034, EPI_ISL_1060035, EPI_ISL_1060037, EPI_ISL_1060038, EPI_ISL_1060039	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Jim Mildenberger, Wanda Manley, Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Chayse Rowley, Marley Goetz, Brian Dominguez, Elliot Thomasson, Cari Sloma, and Rob Christensen
EPI_ISL_1060249, EPI_ISL_1060250	Laboratorio de Microbiología, Hospital Marina Baixa, Villajoyosa	SeqCOVID-SPAIN consortium/IBV(CSIC)	Mónica Parra Grande, Francisco José Arjona Zaragozaí, Carmen Martínez Peinado and SeqCOVID-SPAIN consortium
EPI_ISL_1060252, EPI_ISL_1060254, EPI_ISL_1060256, EPI_ISL_1060260	Laboratorio Echevarne S.A.	SeqCOVID-SPAIN consortium/IBV(CSIC)	Raúl Santamaría Merino, Beatriz Fernández Forner and SeqCOVID-SPAIN consortium
EPI_ISL_1060264, EPI_ISL_1060268	Laboratorio de Microbiología, Hospital Marina Baixa, Villajoyosa	SeqCOVID-SPAIN consortium/IBV(CSIC)	Mónica Parra Grande, Francisco José Arjona Zaragozaí, Carmen Martínez Peinado and SeqCOVID-SPAIN consortium
EPI_ISL_1060292	Laboratorio de Microbiología. Hospital General Universitario de Eida, Alicante	SeqCOVID-SPAIN consortium/IBV(CSIC)	Mª Isabel Gascón Ros, Cristina Torregrosa Hetland, Eva Pastor Boix, Paloma Cascales Ramos and SeqCOVID-SPAIN consortium
EPI_ISL_1060313, EPI_ISL_1060315, EPI_ISL_1060319, EPI_ISL_1060320, EPI_ISL_1060321, EPI_ISL_1060322, EPI_ISL_1060324, EPI_ISL_1060325, EPI_ISL_1060327, EPI_ISL_1060328, EPI_ISL_1060329, EPI_ISL_1060330, EPI_ISL_1060332			
see above	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Jim Mildenberger, Wanda Manley, Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Chayse Rowley, Marley Goetz, Brian Dominguez, Elliot Thomasson, Cari Sloma, and Rob Christensen
EPI_ISL_1060338	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,Delepine Alain
EPI_ISL_1060381, EPI_ISL_1060382	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, Guinoiseau Thibault
EPI_ISL_1060501, EPI_ISL_1060502	Servicio de Microbiología. Hospital Clínico Universitario de Valencia	SeqCOVID-SPAIN consortium/IBV(CSIC)	David Navarro Ortega, Eliseo Albert Vicent, Ignacio Torres and SeqCOVID-SPAIN consortium
EPI_ISL_1060570, EPI_ISL_1060577, EPI_ISL_1060589	Outre mer	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Rousset Dominique
EPI_ISL_1060597	Cerballiance Vauréal	Cerba	Lecorche E, Olivi M, Benazra M, Haim-Boukobza S, Trombert-Paolantoni S, Roquebert B
EPI_ISL_1060865	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin L. Young, Kelly F. Oakeson, Tara Gallagher
EPI_ISL_1061277, EPI_ISL_1061278	Institute of Hematology and Transfusion Medicine	Laboratory of Recombinant Vaccines	Lukasz Rabalski, Maciej Kosinski, Natalia Mazur-Panasiuk, Aneta Kopacz, Krzysztof Pyr, Bogusław Szewczyk, Krystyna Bienkowska-Szewczyk
EPI_ISL_1061308	Alaska State Virology Laboratory	Alaska State Virology Laboratory	Stephanie DeRonde, Lisa Smith, Ph.D., Jack Chen, Ph.D.
EPI_ISL_1062936	genXone SA, Molecular Diagnostics Laboratory / NZOZ	genXone SA, Research & Development Laboratory	Maciej Sykulski, Grzegorz Nowicki, Jakub Grabowski, Natalia Drwska-Matelska, Anna Brylak-Baszków, Aleksandra Gidlewicz, Karol Szeszko, ukasz Krych, Micha Kaszuba
EPI_ISL_1063595, EPI_ISL_1063598, EPI_ISL_1063610, EPI_ISL_1063617, EPI_ISL_1063700, EPI_ISL_1063706, EPI_ISL_1063707, EPI_ISL_1063710, EPI_ISL_1063715, EPI_ISL_1063719, EPI_ISL_1063721, EPI_ISL_1063722, EPI_ISL_1063724, EPI_ISL_1063725, EPI_ISL_1063727, EPI_ISL_1063736, EPI_ISL_1063738			
see above	Division of Emerging Infectious Diseases, Bureau of Infectious Diseases Diagnosis Control, Korea Disease Control and Prevention Agency	Division of Emerging Infectious Diseases, Bureau of Infectious Diseases Diagnosis Control, Korea Disease Control and Prevention Agency	Ae Kyung Park, Il-Hwan Kim, Heui Man Kim, Jeong-Min Kim, Namjoo Lee, Chaeyoung Lee, Sang Hee Woo, Eun-Jin Kim
EPI_ISL_1063806	Molecular Laboratory, Vikash Multispeciality Hospital, Bargarh	Immunogenomics lab, Institute of Life Sciences, Bhubaneswar	Sunil K. Raghav, Safal Walia, Arup Ghosh, Atimukta Jha, Amol M. Kanampalliwar, Shifu Aggarwal, Kirtal Hansdah, Rupesh Dash, Rajeeb Swain, Punit Prasad, INSACOG Consortium, Ajay Parida
EPI_ISL_1063812, EPI_ISL_1063815	Immunogenomics lab, Institute of Life Sciences, Bhubaneswar	Immunogenomics lab, Institute of Life Sciences, Bhubaneswar	Sunil K. Raghav, Safal Walia, Arup Ghosh, Atimukta Jha, Amol M. Kanampalliwar, Shifu Aggarwal, Kirtal Hansdah, Rupesh Dash, Rajeeb Swain, Punit Prasad, INSACOG Consortium, Ajay Parida
EPI_ISL_1063854	inDNA Life Sciences Private Limited, Bhubaneswar	Immunogenomics lab, Institute of Life Sciences, Bhubaneswar	Sunil K. Raghav, Safal Walia, Arup Ghosh, Atimukta Jha, Amol M. Kanampalliwar, Shifu Aggarwal, Kirtal Hansdah, Rupesh Dash, Rajeeb Swain, Punit Prasad, INSACOG Consortium, Ajay Parida
EPI_ISL_1063857, EPI_ISL_1063859, EPI_ISL_1063860, EPI_ISL_1063861	Molecular Laboratory, Vikash Multispeciality Hospital, Bargarh	Immunogenomics lab, Institute of Life Sciences, Bhubaneswar	Sunil K. Raghav, Safal Walia, Arup Ghosh, Atimukta Jha, Amol M. Kanampalliwar, Shifu Aggarwal, Kirtal Hansdah, Rupesh Dash, Rajeeb Swain, Punit Prasad, INSACOG Consortium, Ajay Parida
EPI_ISL_1063877	Immunogenomics lab, Institute of Life Sciences, Bhubaneswar	Immunogenomics lab, Institute of Life Sciences, Bhubaneswar	Sunil K. Raghav, Safal Walia, Arup Ghosh, Atimukta Jha, Amol M. Kanampalliwar, Shifu Aggarwal, Kirtal Hansdah, Rupesh Dash, Rajeeb Swain, Punit

EPI_ISL_1063913, EPI_ISL_1063914	Ohio Department of Health Laboratory	Ohio Department of Health Laboratory	Prasad, INSACOG Consortium, Ajay Parida	
			Holmes, Jennifer; Eric Brandt, Keoni Omura, Glen McGilivray, Caitlin McDonnell, Jade Mowery, Stephanie Mccracken, Tyler Payne, Kirtana Ramadugu, Erica Leasure, Brent Lee, Kelsey Florek, Heather Blankenship, Allison Black, Quanta Brown, and Tammy Bannerman	
EPI_ISL_1063962, EPI_ISL_1063980	Ministry of Health Turkey	Ministry of Health Turkey	Fatma Bayrakdar, Yasemin Cogun, Süleyman Yalcin, Aye Baak Alta, Gülay Korukluolu	
EPI_ISL_1063987, EPI_ISL_1063997, EPI_ISL_1064017	Ohio Department of Health Laboratory	Ohio Department of Health Laboratory	Holmes, Jennifer; Eric Brandt, Keoni Omura, Glen McGilivray, Caitlin McDonnell, Jade Mowery, Stephanie Mccracken, Tyler Payne, Kirtana Ramadugu, Erica Leasure, Brent Lee, Kelsey Florek, Heather Blankenship, Allison Black, Quanta Brown, and Tammy Bannerman	
EPI_ISL_1064177	Arizona State Public Health Laboratory	Arizona State Public Health Laboratory	Trung Huynh, Jessica Escobar, Katherine Fullerton, Nobuko Fukushima, Stacy White, Linda Getsinger, Victor Waddell	
EPI_ISL_1064206, EPI_ISL_1064208, EPI_ISL_1064211, EPI_ISL_1064214, EPI_ISL_1064215, EPI_ISL_1064218, EPI_ISL_1064224, EPI_ISL_1064227, EPI_ISL_1064231, EPI_ISL_1064235	New Mexico Department of Health Scientific Laboratory	Center for Global Health, University of New Mexico Health Sciences Center	Daryl Domman, Kurt Schwalm, Twila Kunde, Joseph Hicks, Anastacia Griego, Michael Edwards, Darrell Dinwiddie	
EPI_ISL_1064268	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_1064348, EPI_ISL_1064349, EPI_ISL_1064350, EPI_ISL_1064351, EPI_ISL_1064352, EPI_ISL_1064353, EPI_ISL_1064354, EPI_ISL_1064358	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration	
EPI_ISL_1064482, EPI_ISL_1064483, EPI_ISL_1064484, EPI_ISL_1064485, EPI_ISL_1064486, EPI_ISL_1064487, EPI_ISL_1064488, EPI_ISL_1064489, EPI_ISL_1064490	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_1064555	Omtanken Grimmered	The Public Health Agency of Sweden	Oskar Karlsson Lindsjo, Maria Lind Karlberg, Carlo Berg, Anna-Malin Linde, Sofia Stamouli, Samuel Ohman, Reza Advani, Mattias Haukland, Petra Holmstrom, Noura Walai, Petra Edquist, Mia Brytting, Anna Risberg, Karin Tegmark-Wisell	
EPI_ISL_1064557, EPI_ISL_1064559, EPI_ISL_1064561, EPI_ISL_1064562, EPI_ISL_1064563, EPI_ISL_1064564, EPI_ISL_1064565, EPI_ISL_1064567, EPI_ISL_1064568, EPI_ISL_1064571, EPI_ISL_1064572				
see above	Klinisk mikrobiologi	The Public Health Agency of Sweden	Oskar Karlsson Lindsjo, Maria Lind Karlberg, Carlo Berg, Anna-Malin Linde, Sofia Stamouli, Samuel Ohman, Reza Advani, Mattias Haukland, Petra Holmstrom, Noura Walai, Petra Edquist, Mia Brytting, Anna Risberg, Karin Tegmark-Wisell	
EPI_ISL_1064576, EPI_ISL_1064578, EPI_ISL_1064579	Klinisk Mikrobiologi	The Public Health Agency of Sweden	Oskar Karlsson Lindsjo, Maria Lind Karlberg, Carlo Berg, Anna-Malin Linde, Sofia Stamouli, Samuel Ohman, Reza Advani, Mattias Haukland, Petra Holmstrom, Noura Walai, Petra Edquist, Mia Brytting, Anna Risberg, Karin Tegmark-Wisell	
EPI_ISL_1064590	Klinisk mikrobiologi	The Public Health Agency of Sweden	Oskar Karlsson Lindsjo, Maria Lind Karlberg, Carlo Berg, Anna-Malin Linde, Sofia Stamouli, Samuel Ohman, Reza Advani, Mattias Haukland, Petra Holmstrom, Noura Walai, Petra Edquist, Mia Brytting, Anna Risberg, Karin Tegmark-Wisell	
EPI_ISL_1064607	Dynamic Code AB	The Public Health Agency of Sweden	Oskar Karlsson Lindsjo, Maria Lind Karlberg, Carlo Berg, Anna-Malin Linde, Sofia Stamouli, Samuel Ohman, Reza Advani, Mattias Haukland, Petra Holmstrom, Noura Walai, Petra Edquist, Mia Brytting, Anna Risberg, Karin Tegmark-Wisell	
EPI_ISL_1064608, EPI_ISL_1064611, EPI_ISL_1064612	NPC	The Public Health Agency of Sweden	Oskar Karlsson Lindsjo, Maria Lind Karlberg, Carlo Berg, Anna-Malin Linde, Sofia Stamouli, Samuel Ohman, Reza Advani, Mattias Haukland, Petra Holmstrom, Noura Walai, Petra Edquist, Mia Brytting, Anna Risberg, Karin Tegmark-Wisell	
EPI_ISL_1064613, EPI_ISL_1064614, EPI_ISL_1064616, EPI_ISL_1064618, EPI_ISL_1064619	Dynamic Code AB	The Public Health Agency of Sweden	Oskar Karlsson Lindsjo, Maria Lind Karlberg, Carlo Berg, Anna-Malin Linde, Sofia Stamouli, Samuel Ohman, Reza Advani, Mattias Haukland, Petra Holmstrom, Noura Walai, Petra Edquist, Mia Brytting, Anna Risberg, Karin Tegmark-Wisell	
EPI_ISL_1064624, EPI_ISL_1064626, EPI_ISL_1064627, EPI_ISL_1064628, EPI_ISL_1064636, EPI_ISL_1064638, EPI_ISL_1064639, EPI_ISL_1064642, EPI_ISL_1064643, EPI_ISL_1064655	Klinisk mikrobiologi	The Public Health Agency of Sweden	Oskar Karlsson Lindsjo, Maria Lind Karlberg, Carlo Berg, Anna-Malin Linde, Sofia Stamouli, Samuel Ohman, Reza Advani, Mattias Haukland, Petra Holmstrom, Noura Walai, Petra Edquist, Mia Brytting, Anna Risberg, Karin Tegmark-Wisell	
EPI_ISL_1064926, EPI_ISL_1064927	Univeristy of New Mexico Hospital	Center for Global Health, University of New Mexico Health Sciences Center	Daryl Domman, Kurt Schwalm, Justin Bacca, Jon Femling, Darrell Dinwiddie	
EPI_ISL_1064928, EPI_ISL_1064929, EPI_ISL_1064930, EPI_ISL_1064933, EPI_ISL_1064934, EPI_ISL_1064936, EPI_ISL_1064937, EPI_ISL_1064938, EPI_ISL_1064940, EPI_ISL_1064941, EPI_ISL_1064942, EPI_ISL_1064944, EPI_ISL_1064945, EPI_ISL_1064948, EPI_ISL_1064949				
see above	New Mexico Department of Health Scientific Laboratory	Center for Global Health, University of New Mexico Health Sciences Center	Daryl Domman, Kurt Schwalm, Twila Kunde, Joseph Hicks, Anastacia Griego, Michael Edwards, Darrell Dinwiddie	
EPI_ISL_1064957, EPI_ISL_1064960, EPI_ISL_1064961, EPI_ISL_1064962, EPI_ISL_1064963, EPI_ISL_1064964, EPI_ISL_1064966, EPI_ISL_1064967, EPI_ISL_1064968, EPI_ISL_1064969, EPI_ISL_1064970, EPI_ISL_1064973, EPI_ISL_1064974, EPI_ISL_1064975, EPI_ISL_1064976, EPI_ISL_1064981, EPI_ISL_1064982, EPI_ISL_1064983				
see above	Univeristy of New Mexico Hospital	Center for Global Health, University of New Mexico Health Sciences Center	Daryl Domman, Kurt Schwalm, Justin Bacca, Jon Femling, Darrell Dinwiddie	
EPI_ISL_1065095, EPI_ISL_1065113, EPI_ISL_1065135, EPI_ISL_1065143, EPI_ISL_1065161, EPI_ISL_1065170, EPI_ISL_1065185, EPI_ISL_1065219, EPI_ISL_1065227, EPI_ISL_1065238, EPI_ISL_1065241, EPI_ISL_1065269, EPI_ISL_1065274, EPI_ISL_1065276, EPI_ISL_1065299, EPI_ISL_1065303, EPI_ISL_1065305, EPI_ISL_1065316, EPI_ISL_1065320, EPI_ISL_1065321, EPI_ISL_1065333, EPI_ISL_1065410, EPI_ISL_1065480, EPI_ISL_1065498, EPI_ISL_1065499, EPI_ISL_1065511, EPI_ISL_1065518, EPI_ISL_1065524, EPI_ISL_1065525, EPI_ISL_1065570, EPI_ISL_1065588, EPI_ISL_1065596, EPI_ISL_1065615, EPI_ISL_1065637, EPI_ISL_1065654, EPI_ISL_1065688, EPI_ISL_1065741, EPI_ISL_1065743, EPI_ISL_1065751, EPI_ISL_1065767, EPI_ISL_1065802, EPI_ISL_1065811, EPI_ISL_1065828, EPI_ISL_1065830, EPI_ISL_1065859, EPI_ISL_1065888, EPI_ISL_1065898, EPI_ISL_1065919, EPI_ISL_1065937, EPI_ISL_1065960, EPI_ISL_1065974, EPI_ISL_1065999, EPI_ISL_1066009, EPI_ISL_1066010, EPI_ISL_1066019, EPI_ISL_1066025, EPI_ISL_1066040, EPI_ISL_1066048, EPI_ISL_1066066, EPI_ISL_1066074, EPI_ISL_1066080, EPI_ISL_1066087, EPI_ISL_1066099, EPI_ISL_1066129, EPI_ISL_1066140, EPI_ISL_1066141, EPI_ISL_1066158, EPI_ISL_1066159, EPI_ISL_1066183, EPI_ISL_1066184, EPI_ISL_1066188, EPI_ISL_1066191, EPI_ISL_1066192, EPI_ISL_1066194, EPI_ISL_1066205, EPI_ISL_1066208, EPI_ISL_1066210, EPI_ISL_1066239, EPI_ISL_1066242, EPI_ISL_1066243, EPI_ISL_1066245, EPI_ISL_1066250, EPI_ISL_1066285, EPI_ISL_1066304, EPI_ISL_1066324, EPI_ISL_1066339, EPI_ISL_1066344, EPI_ISL_1066346, EPI_ISL_1066374, EPI_ISL_1066375, EPI_ISL_1066432, EPI_ISL_1066436, EPI_ISL_1066437, EPI_ISL_1066467, EPI_ISL_1066480, EPI_ISL_1066494, EPI_ISL_1066496, EPI_ISL_1066516, EPI_ISL_1066528, EPI_ISL_1066572, EPI_ISL_1066576, EPI_ISL_1066606, EPI_ISL_1066629, EPI_ISL_1066630, EPI_ISL_1066633, EPI_ISL_1066659, EPI_ISL_1066676, EPI_ISL_1066685, EPI_ISL_1066698, EPI_ISL_1066708, EPI_ISL_1066730, EPI_ISL_1066740, EPI_ISL_1066754, EPI_ISL_1066761, EPI_ISL_1066832, EPI_ISL_1066866, EPI_ISL_1066875, EPI_ISL_1066876, EPI_ISL_1066901, EPI_ISL_1066954, EPI_ISL_1066978, EPI_ISL_1066988, EPI_ISL_1066997, EPI_ISL_1067012, EPI_ISL_1067048, EPI_ISL_1067057, EPI_ISL_1067092, EPI_ISL_1067098, EPI_ISL_1067105, EPI_ISL_1067136, EPI_ISL_1067166, EPI_ISL_1067187, EPI_ISL_1067195, EPI_ISL_1067203, EPI_ISL_1067214, EPI_ISL_1067242, EPI_ISL_1067248, EPI_ISL_1067254, EPI_ISL_1067259, EPI_ISL_1067278, EPI_ISL_1067306, EPI_ISL_1067361, EPI_ISL_1067362, EPI_ISL_1067376, EPI_ISL_1067389, EPI_ISL_1067397, EPI_ISL_1067413, EPI_ISL_1067422, EPI_ISL_1067436, EPI_ISL_1067452, EPI_ISL_1067458, EPI_ISL_1067459, EPI_ISL_1067482, EPI_ISL_1067514, EPI_ISL_1067526, EPI_ISL_1067552				
see above	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Aalborg University	Danish Covid-19 Genome Consortium	
EPI_ISL_1067588	AREA DE SALUD BUENOS AIRES	Incienza, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godínez, Melany Calderón & Mariel López	
EPI_ISL_1067589	HOSPITAL DR. FERNANDO ESCALANTE PRADILLA	Incienza, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godínez, Melany Calderón, Caterina Guzmán, Nazareth Ruiz & Nicole Vargas-Viquez	
EPI_ISL_1067603	AREA DE SALUD GOICOECHEA 2 - CLINICA DR. JIMENEZ NUNEZ	Incienza, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godínez, Melany Calderón & Mariel López	
EPI_ISL_1067607	AREA DE SALUD ZAPOTE-CATEDRAL - CLINICA DR. CARLOS DURAN	Incienza, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godínez, Melany Calderón, Caterina Guzmán, Nazareth Ruiz & Nicole Vargas-Viquez	

EPI_ISL_1067608	unknown	Incienza, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godínez, Melany Calderón, Caterina Guzmán, Nazareth Ruiz & Adriana Bermúdez-Espinoza
EPI_ISL_1067609	AREA DE SALUD ALAJUELA NORTE - CLINICA DR. MARCIAL RODRIGUEZ	Incienza, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godínez, Melany Calderón & Mariel López
EPI_ISL_1067611	HOSPITAL DR. ENRIQUE BALTODANO BRICEÑO	Incienza, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godínez, Melany Calderón, Caterina Guzmán, Nazareth Ruiz & Mariel López
EPI_ISL_1067612	AREA DE SALUD ZAPOTE-CATEDRAL - CLINICA DR. CARLOS DURAN	Incienza, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godínez, Melany Calderón, Caterina Guzmán, Nazareth Ruiz & Melissa Carazo-Gutiérrez
EPI_ISL_1067613, EPI_ISL_1067614	HOSPITAL MEXICO	Incienza, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godínez, Melany Calderón, Caterina Guzmán, Nazareth Ruiz & Teresita Somogyi
EPI_ISL_1067617	AREA DE SALUD GOICOECHEA 2 - CLINICA DR. JIMENEZ NUÑEZ	Incienza, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godínez, Melany Calderón & Mariel López
EPI_ISL_1067618	AREA DE SALUD CORRALILLO	Incienza, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godínez, Melany Calderón, Caterina Guzmán, Nazareth Ruiz & Mónica Charpentier-Artavia
EPI_ISL_1067619	AREA DE SALUD MATA REDONDA-HOSPITAL - CLINICA DR. MORENO CAÑAS [SAN JOSE/SAN JOSE]	Incienza, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godínez, Melany Calderón, Caterina Guzmán, Nazareth Ruiz & Nicole Vargas-Viquez
EPI_ISL_1067620	LABORATORIO CLINICO LABIN	Incienza, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godínez, Melany Calderón, Caterina Guzmán, Nazareth Ruiz & Pei Ling Chan Ma
EPI_ISL_1067621	AREA DE SALUD LA CRUZ	Incienza, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godínez, Melany Calderón, Caterina Guzmán, Nazareth Ruiz & Ivanna Krize-Morún
EPI_ISL_1067622	AREA DE SALUD PAVAS (COOPESALUD)	Incienza, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godínez, Melany Calderón, Caterina Guzmán, Nazareth Ruiz & Melissa Carazo-Gutiérrez
EPI_ISL_1067623, EPI_ISL_1067624, EPI_ISL_1067625	HOSPITAL MEXICO	Incienza, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godínez, Melany Calderón, Caterina Guzmán, Nazareth Ruiz & Teresita Somogyi
EPI_ISL_1067728	Center for Biotechnology and Cell Therapy, São Rafael Hospital, Salvador, Brazil	Central Public Health Laboratory - LACEN -Bahia, Salvador, Brazil	Stephane Tosta, Luciana Oliveira, Vanessa Nardy,Patricia Cajado,Marcela Gómez, Breno Dominguez, Jaqueline Gomes, Vagner Fonseca,Marta Giovanetti,Luiz Alcantara, Felicidade Pereira, Arabela Leal
EPI_ISL_1067731, EPI_ISL_1067733	Central Public Health Laboratory - LACEN -Bahia, Salvador, Brazil	Central Public Health Laboratory - LACEN -Bahia, Salvador, Brazil	Stephane Tosta, Luciana Oliveira, Vanessa Nardy,Patricia Cajado,Marcela Gómez, Breno Dominguez, Jaqueline Gomes, Vagner Fonseca,Marta Giovanetti,Luiz Alcantara, Felicidade Pereira, Arabela Leal
EPI_ISL_1067736	Center for Biotechnology and Cell Therapy, São Rafael Hospital, Salvador, Brazil	Central Public Health Laboratory - LACEN -Bahia, Salvador, Brazil	Stephane Tosta, Luciana Oliveira, Vanessa Nardy,Patricia Cajado,Marcela Gómez, Breno Dominguez, Jaqueline Gomes, Vagner Fonseca,Marta Giovanetti,Luiz Alcantara, Felicidade Pereira, Arabela Leal
EPI_ISL_1067738	Central Public Health Laboratory - LACEN -Bahia, Salvador, Brazil	Central Public Health Laboratory - LACEN -Bahia, Salvador, Brazil	Stephane Tosta, Luciana Oliveira, Vanessa Nardy,Patricia Cajado,Marcela Gómez, Breno Dominguez, Jaqueline Gomes, Vagner Fonseca,Marta Giovanetti,Luiz Alcantara, Felicidade Pereira, Arabela Leal
EPI_ISL_1067812	Broad Institute Clinical Research Sequencing Platform	Infectious Disease Program, Broad Institute of Harvard and MIT	Lemieux,J.E., Siddle,K.J., Adams,G., Gladden-Young,A., Lagerborg,K., Rudy,M., DeRuff,K., Carter,A., Normandin,E., Bauer,M., Reilly,S., Tomkins-Tinch,C., Loreth,C., Chaluvadi,S., Birren,B.W., Gallagher,G., Smole,S., Park,D.J., MacInnis,B.L., and Sabeti,P.C.
EPI_ISL_1067820, EPI_ISL_1067824, EPI_ISL_1067825, EPI_ISL_1067827, EPI_ISL_1067828, EPI_ISL_1067829, EPI_ISL_1067869, EPI_ISL_1067870, EPI_ISL_1067872, EPI_ISL_1067873, EPI_ISL_1067874, EPI_ISL_1067878, EPI_ISL_1067879, EPI_ISL_1067881, EPI_ISL_1067882, EPI_ISL_1067883, EPI_ISL_1067886, EPI_ISL_1067887, EPI_ISL_1067888, EPI_ISL_1067890, EPI_ISL_1067892, EPI_ISL_1067893			
see above	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Kelsey R. Florek, Abigail C. Shockey
EPI_ISL_1068021, EPI_ISL_1068023	Clinical Molecular Microbiology Laboratory, UNC Hospital	Dirk Dittmer	Justin T. Landis , Razia Moorad , Brent A. Eason, Melissa B. Miller, Linda Pluta, Dirk Dittmer, Angelica Juarez, Cecilia Thompson, Shawn Hawken, Cameron Grant, Evelyn Hoffman, Patricio Cano, Jason Wong, Carolina Caro-Vegas, Ryan McNamara, Blossom Damania.
EPI_ISL_1068259, EPI_ISL_1068265, EPI_ISL_1068277	Laboratorio de Ecologia de Doencas Transmissíveis na Amazonia, Instituto Leonidas e Maria Deane - Fiocruz Amazonia	Laboratorio de Ecologia de Doencas Transmissíveis na Amazonia, Instituto Leonidas e Maria Deane - Fiocruz Amazonia	Valdinete Nascimento, Victor Souza, André Corado, Fernanda Nascimento, George Silva, Agatha Costa, Debora Duarte, Karina Pessoa, Matilde Mejia, Luciana Gonçalves, Maria Júlia Brandão, Michele Jesus, Felipe Naveca on behalf of the Fiocruz COVID-19 Genomic Surveillance Network
EPI_ISL_1068293, EPI_ISL_1068294, EPI_ISL_1068295, EPI_ISL_1068297, EPI_ISL_1068302, EPI_ISL_1068303, EPI_ISL_1068304, EPI_ISL_1068306, EPI_ISL_1068307, EPI_ISL_1068308, EPI_ISL_1068309, EPI_ISL_1068310			
see above	Alaska State Virology Laboratory	Alaska State Virology Laboratory	Stephanie DeRonde, Lisa Smith, Ph.D., Jack Chen, Ph.D.
EPI_ISL_1068368	Central Public Health Laboratory - LACEN -Bahia, Salvador, Brazil	Central Public Health Laboratory - LACEN -Bahia, Salvador, Brazil	Stephane Tosta, Luciana Oliveira, Vanessa Nardy,Patricia Cajado,Marcela Gómez, Breno Dominguez, Jaqueline Gomes, Vagner Fonseca,Marta Giovanetti,Luiz Alcantara, Felicidade Pereira, Arabela Leal
EPI_ISL_1068849, EPI_ISL_1068850, EPI_ISL_1068851, EPI_ISL_1068927, EPI_ISL_1068928, EPI_ISL_1068929	Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia	Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia	Suppiah J, Kamel K, Azizan MA, Thayan R
EPI_ISL_1068996, EPI_ISL_1068997	UCSI University	Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia	Suppiah J, Kamel K, Azizan MA, Sekaran SD, Thayan R
EPI_ISL_1068998	UCSI University	Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia	Suppiah J, Kamel K, Azizan MA, Thayan R
EPI_ISL_1068999, EPI_ISL_1069076, EPI_ISL_1069078	UCSI University	Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia	Suppiah J, Kamel K, Azizan MA, Sekaran SD, Thayan R
EPI_ISL_1069222, EPI_ISL_1069223, EPI_ISL_1069224, EPI_ISL_1069225, EPI_ISL_1069226, EPI_ISL_1069227, EPI_ISL_1069228, EPI_ISL_1069229, EPI_ISL_1069230, EPI_ISL_1069231, EPI_ISL_1069232, EPI_ISL_1069233, EPI_ISL_1069234, EPI_ISL_1069235, EPI_ISL_1069236, EPI_ISL_1069237, EPI_ISL_1069238, EPI_ISL_1069239, EPI_ISL_1069240, EPI_ISL_1069241, EPI_ISL_1069242, EPI_ISL_1069243, EPI_ISL_1069244, EPI_ISL_1069245, EPI_ISL_1069246, EPI_ISL_1069247, EPI_ISL_1069248, EPI_ISL_1069249, EPI_ISL_1069250, EPI_ISL_1069251, EPI_ISL_1069252, EPI_ISL_1069253, EPI_ISL_1069254, EPI_ISL_1069255, EPI_ISL_1069256, EPI_ISL_1069257, EPI_ISL_1069258, EPI_ISL_1069260, EPI_ISL_1069261, EPI_ISL_1069262, EPI_ISL_1069263, EPI_ISL_1069264, EPI_ISL_1069265, EPI_ISL_1069266, EPI_ISL_1069268, EPI_ISL_1069269, EPI_ISL_1069270, EPI_ISL_1069271, EPI_ISL_1069272, EPI_ISL_1069273, EPI_ISL_1069274, EPI_ISL_1069275, EPI_ISL_1069276, EPI_ISL_1069277, EPI_ISL_1069278, EPI_ISL_1069279, EPI_ISL_1069280, EPI_ISL_1069281, EPI_ISL_1069282, EPI_ISL_1069283, EPI_ISL_1069284, EPI_ISL_1069285, EPI_ISL_1069286, EPI_ISL_1069287, EPI_ISL_1069288, EPI_ISL_1069289, EPI_ISL_1069290, EPI_ISL_1069291, EPI_ISL_1069292, EPI_ISL_1069293, EPI_ISL_1069294, EPI_ISL_1069295, EPI_ISL_1069296, EPI_ISL_1069297, EPI_ISL_1069298, EPI_ISL_1069300, EPI_ISL_1069302, EPI_ISL_1069304, EPI_ISL_1069305, EPI_ISL_1069306, EPI_ISL_1069307, EPI_ISL_1069308, EPI_ISL_1069309, EPI_ISL_1069310, EPI_ISL_1069311, EPI_ISL_1069312, EPI_ISL_1069313, EPI_ISL_1069314, EPI_ISL_1069315, EPI_ISL_1069316, EPI_ISL_1069317, EPI_ISL_1069318, EPI_ISL_1069319, EPI_ISL_1069320, EPI_ISL_1069321, EPI_ISL_1069322, EPI_ISL_1069323, EPI_ISL_1069324, EPI_ISL_1069325, EPI_ISL_1069326, EPI_ISL_1069327, EPI_ISL_1069328, EPI_ISL_1069329, EPI_ISL_1069330, EPI_ISL_1069331, EPI_ISL_1069332, EPI_ISL_1069333, EPI_ISL_1069334, EPI_ISL_1069335, EPI_ISL_1069336, EPI_ISL_1069337, EPI_ISL_1069338, EPI_ISL_1069339, EPI_ISL_1069340, EPI_ISL_1069341, EPI_ISL_1069342, EPI_ISL_1069343, EPI_ISL_1069344, EPI_ISL_1069345, EPI_ISL_1069346, EPI_ISL_1069347, EPI_ISL_1069348, EPI_ISL_1069349, EPI_ISL_1069350, EPI_ISL_1069351, EPI_ISL_1069352, EPI_ISL_1069353, EPI_ISL_1069354, EPI_ISL_1069355, EPI_ISL_1069356, EPI_ISL_1069357, EPI_ISL_1069358, EPI_ISL_1069359, EPI_ISL_1069360, EPI_ISL_1069361, EPI_ISL_1069362, EPI_ISL_1069363, EPI_ISL_1069364, EPI_ISL_1069365, EPI_ISL_1069366, EPI_ISL_1069367, EPI_ISL_1069368, EPI_ISL_1069369, EPI_ISL_1069370, EPI_ISL_1069371, EPI_ISL_1069372, EPI_ISL_1069373, EPI_ISL_1069374, EPI_ISL_1069375, EPI_ISL_1069376, EPI_ISL_1069377, EPI_ISL_1069378, EPI_ISL_1069379, EPI_ISL_1069380, EPI_ISL_1069381, EPI_ISL_1069382, EPI_ISL_1069383, EPI_ISL_1069384, EPI_ISL_1069385, EPI_ISL_1069386, EPI_ISL_1069387, EPI_ISL_1069388, EPI_ISL_1069389			
see above	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Shah Mohamed Bakhsh, Robert Livingston, Michelle Lin, Noah Baker, Meeli-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_1072961	National Institute of Laboratory Medicine and Referral Center	Genomic Research Lab, BCSIR	Md. Maruf Ahmed Molla, Mohammad Samir Uzzaman, Eshrar Osman, Md. Ashashan Habib, Shahina Akter,Tanjina Akhtar Banu, Abu Sayeed Mohammad Mahmud, Md. Murshed Hasan Sarkar, Barna Goswami, Iffat Jahan, Md. Saddam Hossain, Tasnim Nafisa, Mahmuda Yeasmin, Asish Kumar Ghosh, Arifa Akram, A. K. M.Shamsuzzaman, Md. Salim Khan

EPI_ISL_1072987	National Institute of Laboratory Medicine and Referral Center	Genomic Research Lab, BCSIR	Md. Murshed Hasan Sarkar, Mohammad Samir Uzzaman, Eshrar Osman, Md. Ahashan Habib, Shahina Akter, Tanjina Akhtar Banu, Abu Sayeed Mohammad Mahmud, Barna Goswami, Iffat Jahan, Md. Saddam Hossain, Tasnim Nafisa, Mahmuda Yeasmin, Asish Kumar Ghosh, Arifa Akram, A. K. M.Shamsuzzaman, Md. Salim Khan	
EPI_ISL_1073227, EPI_ISL_1073239, EPI_ISL_1073244, EPI_ISL_1073249, EPI_ISL_1073253, EPI_ISL_1073266, EPI_ISL_1073269, EPI_ISL_1073275, EPI_ISL_1073276, EPI_ISL_1073283, EPI_ISL_1073284, EPI_ISL_1073285, EPI_ISL_1073287, EPI_ISL_1073291, EPI_ISL_1073293, EPI_ISL_1073296, EPI_ISL_1073307, EPI_ISL_1073315, EPI_ISL_1073341, EPI_ISL_1073358, EPI_ISL_1073367, EPI_ISL_1073369, EPI_ISL_1073370, EPI_ISL_1073373, EPI_ISL_1073375, EPI_ISL_1073379, EPI_ISL_1073443, EPI_ISL_1073452, EPI_ISL_1073479, EPI_ISL_1073480, EPI_ISL_1073482, EPI_ISL_1073483, EPI_ISL_1073485, EPI_ISL_1073487, EPI_ISL_1073488, EPI_ISL_1073489, EPI_ISL_1073490, EPI_ISL_1073496, EPI_ISL_1073500, EPI_ISL_1073502, EPI_ISL_1073503, EPI_ISL_1073507, EPI_ISL_1073509, EPI_ISL_1073525, EPI_ISL_1073553, EPI_ISL_1073562, EPI_ISL_1073608, EPI_ISL_1073609, EPI_ISL_1073611, EPI_ISL_1073612, EPI_ISL_1073613, EPI_ISL_1073616, EPI_ISL_1073617, EPI_ISL_1073618, EPI_ISL_1073623, EPI_ISL_1073627, EPI_ISL_1073636	Israel Central Virology laboratory	Israel National Consortium for SARS-CoV-2 sequencing	Neta Zuckerman, Efrat Dahan Bucris, Michal Mandelboim, Dana Bar-Ilan, Oran Erster, Tzvia Mann, Omer Murik, David A. Zeevi, Assaf Rokney, Joseph Jaffe, Eva Nachum, Maya Davidovich Cohen, Ephraim Fass, Gal Zizelski Valenci, Mor Rubinstein, Efrat Rorman, Israel Nissan, Efrat Glick-Saar, Omri Nayshool, Gideon Rechavi, Ella Mendelson, Orna Mor	
EPI_ISL_1073736, EPI_ISL_1073737, EPI_ISL_1073738, EPI_ISL_1073739, EPI_ISL_1073740, EPI_ISL_1073742, EPI_ISL_1073743, EPI_ISL_1073744, EPI_ISL_1073745, EPI_ISL_1073746, EPI_ISL_1073747, EPI_ISL_1073754, EPI_ISL_1073759, EPI_ISL_1073760, EPI_ISL_1073762, EPI_ISL_1073763, EPI_ISL_1073764, EPI_ISL_1073765, EPI_ISL_1073766, EPI_ISL_1073767, EPI_ISL_1073769, EPI_ISL_1073770, EPI_ISL_1073785, EPI_ISL_1073788, EPI_ISL_1073789, EPI_ISL_1073790, EPI_ISL_1073791, EPI_ISL_1073792, EPI_ISL_1073796, EPI_ISL_1073799, EPI_ISL_1073800, EPI_ISL_1073801, EPI_ISL_1073802	see above	Ministry of Health Turkey	Ministry of Health Turkey	Fatma Bayrakdar, Yasemin Cogun, Süleyman Yalcin, Aye Baak Alta, Gülay Korukluolu
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EPI_ISL_1073941	Department of Medical Microbiology, St. Olavs hospital	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes	
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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







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see above	Rady's Childrens Hospital	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Nanda Radamchar, David Dimmock, Linda Luo, Christina Clarke, Kathryn Bouic, Teresa Mueller, Denise Malicki
EPI_ISL_1081598, EPI_ISL_1081599, EPI_ISL_1081601, EPI_ISL_1081602, EPI_ISL_1081606, EPI_ISL_1081607, EPI_ISL_1081608, EPI_ISL_1081609, EPI_ISL_1081610, EPI_ISL_1081611, EPI_ISL_1081615, EPI_ISL_1081616, EPI_ISL_1081617, EPI_ISL_1081628, EPI_ISL_1081630, EPI_ISL_1081631, EPI_ISL_1081632, EPI_ISL_1081633, EPI_ISL_1081634, EPI_ISL_1081636, EPI_ISL_1081637, EPI_ISL_1081638, EPI_ISL_1081639, EPI_ISL_1081640, EPI_ISL_1081641, EPI_ISL_1081643, EPI_ISL_1081644, EPI_ISL_1081645, EPI_ISL_1081646, EPI_ISL_1081650, EPI_ISL_1081651, EPI_ISL_1081652, EPI_ISL_1081653, EPI_ISL_1081654, EPI_ISL_1081655, EPI_ISL_1081657, EPI_ISL_1081658, EPI_ISL_1081659, EPI_ISL_1081660, EPI_ISL_1081661, EPI_ISL_1081662, EPI_ISL_1081663, EPI_ISL_1081674, EPI_ISL_1081675, EPI_ISL_1081676, EPI_ISL_1081677, EPI_ISL_1081678, EPI_ISL_1081679, EPI_ISL_1081682, EPI_ISL_1081683, EPI_ISL_1081684, EPI_ISL_1081687, EPI_ISL_1081688, EPI_ISL_1081689, EPI_ISL_1081690, EPI_ISL_1081692, EPI_ISL_1081693, EPI_ISL_1081694, EPI_ISL_1081695, EPI_ISL_1081696, EPI_ISL_1081697, EPI_ISL_1081698, EPI_ISL_1081699, EPI_ISL_1081700, EPI_ISL_1081701, EPI_ISL_1081702, EPI_ISL_1081703, EPI_ISL_1081704, EPI_ISL_1081705, EPI_ISL_1081706, EPI_ISL_1081707, EPI_ISL_1081708, EPI_ISL_1081709, EPI_ISL_1081710, EPI_ISL_1081711, EPI_ISL_1081712, EPI_ISL_1081713, EPI_ISL_1081714, EPI_ISL_1081715, EPI_ISL_1081717, EPI_ISL_1081718, EPI_ISL_1081719, EPI_ISL_1081720, EPI_ISL_1081721, EPI_ISL_1081722, EPI_ISL_1081723, EPI_ISL_1081725, EPI_ISL_1081726, EPI_ISL_1081727, EPI_ISL_1081728, EPI_ISL_1081729, EPI_ISL_1081730, EPI_ISL_1081732, EPI_ISL_1081734, EPI_ISL_1081735, EPI_ISL_1081737, EPI_ISL_1081739, EPI_ISL_1081740, EPI_ISL_1081741			
see above	Scripps Medical Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Michael Quigley, Ellen Stefanski, Ian Mchardy
EPI_ISL_1081784, EPI_ISL_1081785, EPI_ISL_1081786, EPI_ISL_1081787, EPI_ISL_1081788, EPI_ISL_1081789, EPI_ISL_1081790, EPI_ISL_1081791	San Diego County Public Health Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Tracy Basler, Jovan Shephard, Brett Austin
EPI_ISL_1081815	Philippine Red Cross - Port Area	Philippine Genome Center	Francis A. Tablizo, Cynthia P. Saloma, Marc Jerrone R. Castro, Kenneth M. Kim, Maria Sofia L. Yangzon, Carlo M. Lapid, Benedict A. Maralit, Marc Edsel C. Ayes, Jan Michael C. Yap, Jo-Hannah S. Llames, Sheila Mae M. Araiza, Kris P. Punayan, Irish Coleen A. Asin, Candice Francheska B. Tambaoan, Asia Louisa U. Chong, Karol Sophia Agape R. Padilla, Rianna Patricia S. Cruz, El King D. Morado, Joshua Gregor A. Dizon, Eva Maria Cutiungco-de la Paz, Alethea R. de Guzman, Razel Nikka M. Hao, Arianne A. Zamora, Devon Ray Pacial, Juan Antonio R. Magalang, Marissa Alejandria, Celia Carlos, Anna Ong-Lim, Edsel Maurice Salvaña, John Q. Wong, Jaime C. Montoya, and Maria Rosario Singh-Vergeire
EPI_ISL_1081822	Parkway Medical and Diagnostoc Center	Philippine Genome Center	Francis A. Tablizo, Cynthia P. Saloma, Marc Jerrone R. Castro, Kenneth M. Kim, Maria Sofia L. Yangzon, Carlo M. Lapid, Benedict A. Maralit, Marc Edsel C. Ayes, Jan Michael C. Yap, Jo-Hannah S. Llames, Sheila Mae M. Araiza, Kris P. Punayan, Irish Coleen A. Asin, Candice Francheska B. Tambaoan, Asia Louisa U. Chong, Karol Sophia Agape R. Padilla, Rianna Patricia S. Cruz, El King D. Morado, Joshua Gregor A. Dizon, Eva Maria Cutiungco-de la Paz, Alethea R. de Guzman, Razel Nikka M. Hao, Arianne A. Zamora, Devon Ray Pacial, Juan Antonio R. Magalang, Marissa Alejandria, Celia Carlos, Anna Ong-Lim, Edsel Maurice Salvaña, John Q. Wong, Jaime C. Montoya, and Maria Rosario Singh-Vergeire
EPI_ISL_1081831	Philippine Red Cross - Clark	Philippine Genome Center	Francis A. Tablizo, Cynthia P. Saloma, Marc Jerrone R. Castro, Kenneth M. Kim, Maria Sofia L. Yangzon, Carlo M. Lapid, Benedict A. Maralit, Marc Edsel C. Ayes, Jan Michael C. Yap, Jo-Hannah S. Llames, Sheila Mae M. Araiza, Kris P. Punayan, Irish Coleen A. Asin, Candice Francheska B. Tambaoan, Asia Louisa U. Chong, Karol Sophia Agape R. Padilla, Rianna Patricia S. Cruz, El King D. Morado, Joshua Gregor A. Dizon, Eva Maria Cutiungco-de la Paz, Alethea R. de Guzman, Razel Nikka M. Hao, Arianne A. Zamora, Devon Ray Pacial, Juan Antonio R. Magalang, Marissa Alejandria, Celia Carlos, Anna Ong-Lim, Edsel Maurice Salvaña, John Q. Wong, Jaime C. Montoya, and Maria Rosario Singh-Vergeire
EPI_ISL_1081838	National Institute of Laboratory Medicine and Referral Center	Genomic Research Lab, BCSIR	Barna Goswami, Mohammad Samir Uzzaman, Eshrar Osman, Md. Ahashan Habib, Shahina Akter, Tanjina Akhtar Banu, Abu Sayeed Mohammad Mahmud, Md. Murshed Hasan Sarkar, Iffat Jahan, Md. Saddam Hossain, Tasnim Nafisa, Md. Maruf Ahmed Mdla, Mahmuda Yeasmin, Ashish Kumar Ghosh, Arifa Akram, A. K. M.Shamsuzzaman, Md. Salim Khan
EPI_ISL_1081980, EPI_ISL_1081981, EPI_ISL_1081982, EPI_ISL_1081983, EPI_ISL_1081984, EPI_ISL_1081985, EPI_ISL_1081986, EPI_ISL_1081987, EPI_ISL_1081988, EPI_ISL_1081989, EPI_ISL_1081991, EPI_ISL_1081992, EPI_ISL_1081993, EPI_ISL_1081994, EPI_ISL_1081995, EPI_ISL_1081996, EPI_ISL_1081997, EPI_ISL_1081998, EPI_ISL_1081999, EPI_ISL_1082000, EPI_ISL_1082001, EPI_ISL_1082002, EPI_ISL_1082003, EPI_ISL_1082004, EPI_ISL_1082005, EPI_ISL_1082006, EPI_ISL_1082007, EPI_ISL_1082008, EPI_ISL_1082009, EPI_ISL_1082010, EPI_ISL_1082011, EPI_ISL_1082012, EPI_ISL_1082013, EPI_ISL_1082014, EPI_ISL_1082015, EPI_ISL_1082016, EPI_ISL_1082017, EPI_ISL_1082018, EPI_ISL_1082019, EPI_ISL_1082020, EPI_ISL_1082021, EPI_ISL_1082022, EPI_ISL_1082023, EPI_ISL_1082024, EPI_ISL_1082025, EPI_ISL_1082026, EPI_ISL_1082027, EPI_ISL_1082028, EPI_ISL_1082029, EPI_ISL_1082030, EPI_ISL_1082031, EPI_ISL_1082032, EPI_ISL_1082033, EPI_ISL_1082034, EPI_ISL_1082035, EPI_ISL_1082036, EPI_ISL_1082037, EPI_ISL_1082038, EPI_ISL_1082039, EPI_ISL_1082040, EPI_ISL_1082041, EPI_ISL_1082042, EPI_ISL_1082043, EPI_ISL_1082044, EPI_ISL_1082045, EPI_ISL_1082046, EPI_ISL_1082047, EPI_ISL_1082049, EPI_ISL_1082050, EPI_ISL_1082051, EPI_ISL_1082052, EPI_ISL_1082053, EPI_ISL_1082054, EPI_ISL_1082055, EPI_ISL_1082056, EPI_ISL_1082057, EPI_ISL_1082058, EPI_ISL_1082059, EPI_ISL_1082061, EPI_ISL_1082062, EPI_ISL_1082063, EPI_ISL_1082064, EPI_ISL_1082065, EPI_ISL_1082066, EPI_ISL_1082068, EPI_ISL_1082069, EPI_ISL_1082070, EPI_ISL_1082071, EPI_ISL_1082073, EPI_ISL_1082075, EPI_ISL_1082076, EPI_ISL_1082077, EPI_ISL_1082078, EPI_ISL_1082079, EPI_ISL_1082080, EPI_ISL_1082081, EPI_ISL_1082082, EPI_ISL_1082083, EPI_ISL_1082084, EPI_ISL_1082085, EPI_ISL_1082086, EPI_ISL_1082087, EPI_ISL_1082088, EPI_ISL_1082089, EPI_ISL_1082090, EPI_ISL_1082091, EPI_ISL_1082092, EPI_ISL_1082093, EPI_ISL_1082094, EPI_ISL_1082095, EPI_ISL_1082096, EPI_ISL_1082097, EPI_ISL_1082099, EPI_ISL_1082100, EPI_ISL_1082101, EPI_ISL_1082102, EPI_ISL_1082103, EPI_ISL_1082104, EPI_ISL_1082105, EPI_ISL_1082106, EPI_ISL_1082108, EPI_ISL_1082109, EPI_ISL_1082110, EPI_ISL_1082111, EPI_ISL_1082112, EPI_ISL_1082113, EPI_ISL_1082114, EPI_ISL_1082115, EPI_ISL_1082116, EPI_ISL_1082117, EPI_ISL_1082118, EPI_ISL_1082167, EPI_ISL_1082168, EPI_ISL_1082169, EPI_ISL_1082191, EPI_ISL_1082193, EPI_ISL_1082194, EPI_ISL_1082195, EPI_ISL_1082196, EPI_ISL_1082197, EPI_ISL_1082198, EPI_ISL_1082199, EPI_ISL_1082200, EPI_ISL_1082201, EPI_ISL_1082202, EPI_ISL_1082203, EPI_ISL_1082206, EPI_ISL_1082210, EPI_ISL_1082211, EPI_ISL_1082212, EPI_ISL_1082213, EPI_ISL_1082214, EPI_ISL_1082215, EPI_ISL_1082217, EPI_ISL_1082218, EPI_ISL_1082219, EPI_ISL_1082220, EPI_ISL_1082221, EPI_ISL_1082222, EPI_ISL_1082223, EPI_ISL_1082224, EPI_ISL_1082225, EPI_ISL_1082226, EPI_ISL_1082227, EPI_ISL_1082228, EPI_ISL_1082229, EPI_ISL_1082230, EPI_ISL_1082232, EPI_ISL_1082233, EPI_ISL_1082234, EPI_ISL_1082235, EPI_ISL_1082236, EPI_ISL_1082237, EPI_ISL_1082238, EPI_ISL_1082239, EPI_ISL_1082240, EPI_ISL_1082241, EPI_ISL_1082242, EPI_ISL_1082243, EPI_ISL_1082244, EPI_ISL_1082245, EPI_ISL_1082247, EPI_ISL_1082249, EPI_ISL_1082251			
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EPI_ISL_1082252	"Stefan S. Nicolau" Institute of Virology	"Stefan S. Nicolau" Institute of Virology	Anca Botezatu, Iulia Virginia Iancu, Coralía Bleotu, Mihaela Economescu, Laura Necula, Denisa Dragu, Lilia Matei, Ioana Pitica, Marinela Bostan, Mirela Mihaila, Laura Grecu, Camelia Sultana, Simona Ruta, Ana Iulia Neagu, Adriana Plesa, Saviana Nedelianu, Alina Nastasie, Cristina Mambet, Gabriela Anton, Carmen Cristina Diaconu
EPI_ISL_1082320, EPI_ISL_1082324	Spital Männedorf AG	Institute of Medical Virology, University of Zurich	Verena Kufner, Gabriela Ziltener, Stefan Schmutz, Maryam Zaheri, Annette Audigé, Maria Grünberg, Kevin Steiner, Jon Huder, Cyril Shah, Riccarda Capaul, Guido Bloemberg, Jürg Böni, Michael Huber, Alexandra Trkola
EPI_ISL_1082327, EPI_ISL_1082328	Spital Limmattal	Institute of Medical Virology, University of Zurich	Verena Kufner, Gabriela Ziltener, Stefan Schmutz, Maryam Zaheri, Annette Audigé, Maria Grünberg, Kevin Steiner, Jon Huder, Cyril Shah, Riccarda Capaul, Guido Bloemberg, Jürg Böni, Michael Huber, Alexandra Trkola
EPI_ISL_1082340	Spital Männedorf AG	Institute of Medical Virology, University of Zurich	Verena Kufner, Gabriela Ziltener, Stefan Schmutz, Maryam Zaheri, Annette Audigé, Maria Grünberg, Kevin Steiner, Jon Huder, Cyril Shah, Riccarda Capaul, Guido Bloemberg, Jürg Böni, Michael Huber, Alexandra Trkola
EPI_ISL_1082343	Kantonsspital Baden AG	Institute of Medical Virology, University of Zurich	Verena Kufner, Gabriela Ziltener, Stefan Schmutz, Maryam Zaheri, Annette Audigé, Maria Grünberg, Kevin Steiner, Jon Huder, Cyril Shah, Riccarda Capaul, Guido Bloemberg, Jürg Böni, Michael Huber, Alexandra Trkola
EPI_ISL_1082349	Spital Limmattal	Institute of Medical Virology, University of Zurich	Verena Kufner, Gabriela Ziltener, Stefan Schmutz, Maryam Zaheri, Annette Audigé, Maria Grünberg, Kevin Steiner, Jon Huder, Cyril Shah, Riccarda Capaul, Guido Bloemberg, Jürg Böni, Michael Huber, Alexandra Trkola
EPI_ISL_1082351	Spital Männedorf AG	Institute of Medical Virology, University of Zurich	Verena Kufner, Gabriela Ziltener, Stefan Schmutz, Maryam Zaheri, Annette Audigé, Maria Grünberg, Kevin Steiner, Jon Huder, Cyril Shah, Riccarda Capaul, Guido Bloemberg, Jürg Böni, Michael Huber, Alexandra Trkola
EPI_ISL_1082358, EPI_ISL_1082359	Spital Limmattal	Institute of Medical Virology, University of Zurich	Verena Kufner, Gabriela Ziltener, Stefan Schmutz, Maryam Zaheri, Annette Audigé, Maria Grünberg, Kevin Steiner, Jon Huder, Cyril Shah, Riccarda Capaul, Guido Bloemberg, Jürg Böni, Michael Huber, Alexandra Trkola
EPI_ISL_1082361	Spital Männedorf AG	Institute of Medical Virology, University of Zurich	Verena Kufner, Gabriela Ziltener, Stefan Schmutz, Maryam Zaheri, Annette Audigé, Maria Grünberg, Kevin Steiner, Jon Huder, Cyril Shah, Riccarda Capaul, Guido Bloemberg, Jürg Böni, Michael Huber, Alexandra Trkola
EPI_ISL_1082362	Kantonsspital Münsterlingen	Institute of Medical Virology, University of Zurich	Verena Kufner, Gabriela Ziltener, Stefan Schmutz, Maryam Zaheri, Annette Audigé, Maria Grünberg, Kevin Steiner, Jon Huder, Cyril Shah, Riccarda Capaul, Guido Bloemberg, Jürg Böni, Michael Huber, Alexandra Trkola
EPI_ISL_1082363	Spital Männedorf AG	Institute of Medical Virology, University of Zurich	Verena Kufner, Gabriela Ziltener, Stefan Schmutz, Maryam Zaheri, Annette Audigé, Maria Grünberg, Kevin Steiner, Jon Huder, Cyril Shah, Riccarda Capaul, Guido Bloemberg, Jürg Böni, Michael Huber, Alexandra Trkola
EPI_ISL_1082364	Spital Limmattal	Institute of Medical Virology, University of Zurich	Verena Kufner, Gabriela Ziltener, Stefan Schmutz, Maryam Zaheri, Annette Audigé, Maria Grünberg, Kevin Steiner, Jon Huder, Cyril Shah, Riccarda Capaul, Guido Bloemberg, Jürg Böni, Michael Huber, Alexandra Trkola
EPI_ISL_1082365, EPI_ISL_1082375, EPI_ISL_1082376	Spital Männedorf AG	Institute of Medical Virology, University of Zurich	Verena Kufner, Gabriela Ziltener, Stefan Schmutz, Maryam Zaheri, Annette Audigé, Maria Grünberg, Kevin Steiner, Jon Huder, Cyril Shah, Riccarda Capaul, Guido Bloemberg, Jürg Böni, Michael Huber, Alexandra Trkola
EPI_ISL_1082378, EPI_ISL_1082384	Spital Limmattal	Institute of Medical Virology, University of Zurich	Verena Kufner, Gabriela Ziltener, Stefan Schmutz, Maryam Zaheri, Annette Audigé, Maria Grünberg, Kevin Steiner, Jon Huder, Cyril Shah, Riccarda

EPI_ISL_1082387	Spital Männedorf AG	Institute of Medical Virology, University of Zurich	Capaul, Guido Bloemberg, Jürg Böni, Michael Huber, Alexandra Trkola Verena Kufner, Gabriela Zillener, Stefan Schmutz, Maryam Zaheri, Annette Audigé, Maria Grünberg, Kevin Steiner, Jon Huder, Cyril Shah, Riccarda Capaul, Guido Bloemberg, Jürg Böni, Michael Huber, Alexandra Trkola
EPI_ISL_1082429, EPI_ISL_1082430	Ministry of Health Turkey	Ministry of Health Turkey	Fatma Bayrakdar, Yasemin Cogun, Süleyman Yalcin, Aye Baak Alta, Gülay Korukluolu
EPI_ISL_1082453, EPI_ISL_1082526, EPI_ISL_1082888, EPI_ISL_1083590, EPI_ISL_1084605	Ohio Department of Health Laboratory	Ohio Department of Health Laboratory	Holmes, Jennifer; Eric Brandt, Keoni Omura, Glen McGilivray, Caitlin McDonnell, Jade Mowery, Stephanie Mccracken, Tyler Payne, Kirtana Ramadugu, Erica Leasure, Brent Lee, Kelsey Florek, Heather Blankenship, Allison Black, Quanta Brown, and Tammy Bannerman
EPI_ISL_1084610	Hospital for Infectious Diseases, Molecular Diagnostics Laboratory, Warsaw, Poland	8. Laboratory of Recombinant Vaccines, Intercollegiate Faculty of Biotechnology University of Gdansk and Medical University of Gdansk, 2. ViroGenetics - BSL3 Laboratory of Virology, Maopolska Centre of Biotechnology, Jagiellonian University	Lukasz Rabalski, Maciej Kosinski, Natalia Mazur-Panasiuk, Aneta Kopacz, Piotr Zabek, Tomasz Dyda, Andrzej Horban, Krzysztof Pyrc, Krystyna Bienkowska-Szewczyk
EPI_ISL_1084611	Hospital for Infectious Diseases, Molecular Diagnostics Laboratory, Warsaw, Poland	26. Laboratory of Recombinant Vaccines, Intercollegiate Faculty of Biotechnology University of Gdansk and Medical University of Gdansk, 2. ViroGenetics - BSL3 Laboratory of Virology, Maopolska Centre of Biotechnology, Jagiellonian University	Lukasz Rabalski, Maciej Kosinski, Natalia Mazur-Panasiuk, Aneta Kopacz, Piotr Zabek, Tomasz Dyda, Andrzej Horban, Krzysztof Pyrc, Krystyna Bienkowska-Szewczyk
EPI_ISL_1084612	Hospital for Infectious Diseases, Molecular Diagnostics Laboratory, Warsaw, Poland	40. Laboratory of Recombinant Vaccines, Intercollegiate Faculty of Biotechnology University of Gdansk and Medical University of Gdansk, 2. ViroGenetics - BSL3 Laboratory of Virology, Maopolska Centre of Biotechnology, Jagiellonian University	Lukasz Rabalski, Maciej Kosinski, Natalia Mazur-Panasiuk, Aneta Kopacz, Piotr Zabek, Tomasz Dyda, Andrzej Horban, Krzysztof Pyrc, Krystyna Bienkowska-Szewczyk
EPI_ISL_1084614	Hospital for Infectious Diseases, Molecular Diagnostics Laboratory, Warsaw, Poland	56. Laboratory of Recombinant Vaccines, Intercollegiate Faculty of Biotechnology University of Gdansk and Medical University of Gdansk, 2. ViroGenetics - BSL3 Laboratory of Virology, Maopolska Centre of Biotechnology, Jagiellonian University	Lukasz Rabalski, Maciej Kosinski, Natalia Mazur-Panasiuk, Aneta Kopacz, Piotr Zabek, Tomasz Dyda, Andrzej Horban, Krzysztof Pyrc, Krystyna Bienkowska-Szewczyk
EPI_ISL_1084620	Hospital for Infectious Diseases, Molecular Diagnostics Laboratory, Warsaw, Poland	10. Laboratory of Recombinant Vaccines, Intercollegiate Faculty of Biotechnology University of Gdansk and Medical University of Gdansk, 2. ViroGenetics - BSL3 Laboratory of Virology, Maopolska Centre of Biotechnology, Jagiellonian University	Lukasz Rabalski, Maciej Kosinski, Natalia Mazur-Panasiuk, Aneta Kopacz, Piotr Zabek, Tomasz Dyda, Andrzej Horban, Krzysztof Pyrc, Krystyna Bienkowska-Szewczyk
EPI_ISL_1084621	Hospital for Infectious Diseases, Molecular Diagnostics Laboratory, Warsaw, Poland	18. Laboratory of Recombinant Vaccines, Intercollegiate Faculty of Biotechnology University of Gdansk and Medical University of Gdansk, 2. ViroGenetics - BSL3 Laboratory of Virology, Maopolska Centre of Biotechnology, Jagiellonian University	Lukasz Rabalski, Maciej Kosinski, Natalia Mazur-Panasiuk, Aneta Kopacz, Piotr Zabek, Tomasz Dyda, Andrzej Horban, Krzysztof Pyrc, Krystyna Bienkowska-Szewczyk
EPI_ISL_1084622	Hospital for Infectious Diseases, Molecular Diagnostics Laboratory, Warsaw, Poland	22. Laboratory of Recombinant Vaccines, Intercollegiate Faculty of Biotechnology University of Gdansk and Medical University of Gdansk, 2. ViroGenetics - BSL3 Laboratory of Virology, Maopolska Centre of Biotechnology, Jagiellonian University	Lukasz Rabalski, Maciej Kosinski, Natalia Mazur-Panasiuk, Aneta Kopacz, Piotr Zabek, Tomasz Dyda, Andrzej Horban, Krzysztof Pyrc, Krystyna Bienkowska-Szewczyk
EPI_ISL_1084623	Hospital for Infectious Diseases, Molecular Diagnostics Laboratory, Warsaw, Poland	28. Laboratory of Recombinant Vaccines, Intercollegiate Faculty of Biotechnology University of Gdansk and Medical University of Gdansk, 2. ViroGenetics - BSL3 Laboratory of Virology, Maopolska Centre of Biotechnology, Jagiellonian University	Lukasz Rabalski, Maciej Kosinski, Natalia Mazur-Panasiuk, Aneta Kopacz, Piotr Zabek, Tomasz Dyda, Andrzej Horban, Krzysztof Pyrc, Krystyna Bienkowska-Szewczyk
EPI_ISL_1084624	Hospital for Infectious Diseases, Molecular Diagnostics Laboratory, Warsaw, Poland	37. Laboratory of Recombinant Vaccines, Intercollegiate Faculty of Biotechnology University of Gdansk and Medical University of Gdansk, 2. ViroGenetics - BSL3 Laboratory of Virology, Maopolska Centre of Biotechnology, Jagiellonian University	Lukasz Rabalski, Maciej Kosinski, Natalia Mazur-Panasiuk, Aneta Kopacz, Piotr Zabek, Tomasz Dyda, Andrzej Horban, Krzysztof Pyrc, Krystyna Bienkowska-Szewczyk
EPI_ISL_1084626	Hospital for Infectious Diseases, Molecular Diagnostics Laboratory, Warsaw, Poland	42. Laboratory of Recombinant Vaccines, Intercollegiate Faculty of Biotechnology University of Gdansk and Medical University of Gdansk, 2. ViroGenetics - BSL3 Laboratory of Virology, Maopolska Centre of Biotechnology, Jagiellonian University	Lukasz Rabalski, Maciej Kosinski, Natalia Mazur-Panasiuk, Aneta Kopacz, Piotr Zabek, Tomasz Dyda, Andrzej Horban, Krzysztof Pyrc, Krystyna Bienkowska-Szewczyk
EPI_ISL_1084627	Hospital for Infectious Diseases, Molecular Diagnostics Laboratory, Warsaw, Poland	2. Laboratory of Recombinant Vaccines, Intercollegiate Faculty of Biotechnology University of Gdansk and Medical University of Gdansk, 2. ViroGenetics - BSL3 Laboratory of Virology, Maopolska Centre of Biotechnology, Jagiellonian University	Lukasz Rabalski, Maciej Kosinski, Natalia Mazur-Panasiuk, Aneta Kopacz, Piotr Zabek, Tomasz Dyda, Andrzej Horban, Krzysztof Pyrc, Krystyna Bienkowska-Szewczyk
EPI_ISL_1084628	Hospital for Infectious Diseases, Molecular Diagnostics Laboratory, Warsaw, Poland	7. Laboratory of Recombinant Vaccines, Intercollegiate Faculty of Biotechnology University of Gdansk and Medical University of Gdansk, 2. ViroGenetics - BSL3 Laboratory of Virology, Maopolska Centre of Biotechnology, Jagiellonian University	Lukasz Rabalski, Maciej Kosinski, Natalia Mazur-Panasiuk, Aneta Kopacz, Piotr Zabek, Tomasz Dyda, Andrzej Horban, Krzysztof Pyrc, Krystyna Bienkowska-Szewczyk
EPI_ISL_1084629	Hospital for Infectious Diseases, Molecular Diagnostics Laboratory, Warsaw, Poland	31. Laboratory of Recombinant Vaccines, Intercollegiate Faculty of Biotechnology University of Gdansk and Medical University of Gdansk, 2. ViroGenetics - BSL3 Laboratory of Virology, Maopolska Centre of Biotechnology, Jagiellonian University	Lukasz Rabalski, Maciej Kosinski, Natalia Mazur-Panasiuk, Aneta Kopacz, Piotr Zabek, Tomasz Dyda, Andrzej Horban, Krzysztof Pyrc, Krystyna Bienkowska-Szewczyk
EPI_ISL_1084630	Hospital for Infectious Diseases, Molecular Diagnostics Laboratory, Warsaw, Poland	35. Laboratory of Recombinant Vaccines, Intercollegiate Faculty of Biotechnology University of Gdansk and Medical University of Gdansk, 2. ViroGenetics - BSL3 Laboratory of Virology, Maopolska Centre of Biotechnology, Jagiellonian University	Lukasz Rabalski, Maciej Kosinski, Natalia Mazur-Panasiuk, Aneta Kopacz, Piotr Zabek, Tomasz Dyda, Andrzej Horban, Krzysztof Pyrc, Krystyna Bienkowska-Szewczyk
EPI_ISL_1084631	Hospital for Infectious Diseases, Molecular Diagnostics	7. Laboratory of Recombinant Vaccines, Intercollegiate	Lukasz Rabalski, Maciej Kosinski, Natalia Mazur-Panasiuk, Aneta Kopacz, Piotr Zabek, Tomasz Dyda, Andrzej Horban, Krzysztof Pyrc, Krystyna









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EPI_ISL_1094192	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_1094238	AK State Public Health Lab, State Health Department	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong	
EPI_ISL_1094242	FL Bur. of Public Health Laboratories-Jacksonville	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong	
EPI_ISL_1094245	VT Dept. of Health Laboratory	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong	
EPI_ISL_1094251	WA State Department of Health	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong	
EPI_ISL_1094254	KS Health and Environmental Laboratories	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong	
EPI_ISL_1094307	NYSDOH Wadsworth Center, Virology Lab	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong	
EPI_ISL_1094308	AR Dept. of Health-Public Health Lab	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong	
EPI_ISL_1094313	KS Health and Environmental Laboratories	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong	
EPI_ISL_1094328	MT Public Health Laboratory	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong	
EPI_ISL_1094330, EPI_ISL_1094331	DC Public Health Lab/ Dept. of Forensic Sciences	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong	
EPI_ISL_1094335, EPI_ISL_1094336	NE Public Health Laboratory	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong	
EPI_ISL_1094337	OK Public Health Laboratory, Oklahoma State DOH	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong	
EPI_ISL_1094338	NC State Laboratory of Public Health	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong	
EPI_ISL_1094339	IN State Department of Health Laboratory Services	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong	
EPI_ISL_1094341, EPI_ISL_1094342, EPI_ISL_1094343	DC Public Health Lab/ Dept. of Forensic Sciences	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong	
EPI_ISL_1094346	AZ SPHL, Arizona Department of Health Services	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong	
EPI_ISL_1094349	KS Health and Environmental Laboratories	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong	
EPI_ISL_1094353	AK State Public Health Lab, State Health Department	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong	
EPI_ISL_1094354	NC State Laboratory of Public Health	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong	
EPI_ISL_1094359	NYSDOH Wadsworth Center, Virology Lab	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong	
EPI_ISL_1094364	GA Department of Public Health Laboratory	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong	
EPI_ISL_1094366	AK State Public Health Lab, State Health Department	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong	
EPI_ISL_1094369	MT Public Health Laboratory	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li,	

[illegible]







EPI_ISL_1095317	TN Division of Laboratory Services	Centers for Disease Control and Prevention Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1095318, EPI_ISL_1095320, EPI_ISL_1095321, EPI_ISL_1095322, EPI_ISL_1095323	WA State Department of Health	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1095334, EPI_ISL_1095336, EPI_ISL_1095338, EPI_ISL_1095340, EPI_ISL_1095342, EPI_ISL_1095343, EPI_ISL_1095345, EPI_ISL_1095348, EPI_ISL_1095350, EPI_ISL_1095351, EPI_ISL_1095353, EPI_ISL_1095354, EPI_ISL_1095357, EPI_ISL_1095359, EPI_ISL_1095360, EPI_ISL_1095361	NC State Laboratory of Public Health	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong
see above	Virginia Division of Consolidated Laboratory Services	Virginia Division of Consolidated Laboratory Services	Virginia DCLS
EPI_ISL_1095428, EPI_ISL_1095430, EPI_ISL_1095431, EPI_ISL_1095432, EPI_ISL_1095435, EPI_ISL_1095436, EPI_ISL_1095437, EPI_ISL_1095440, EPI_ISL_1095441, EPI_ISL_1095443	IAL Regional de Bauru	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valesa Ramos Gomes, Karoline Rodrigues Campos, Caio Vinicius Dias Lopes
EPI_ISL_1096123	Cambodian National Public Health Laboratory, National Institute of Public Health	Virology Unit, Institut Pasteur du Cambodge	Sokhoun Yann, Ly Sovann, Kraing Sidonn, Yi Sengdoeurn, Chin Savuth, Chau Darapeak, Veasna Duong, Erik A Karlsson
EPI_ISL_1096140	National Virus Reference Laboratory	National Virus Reference Laboratory	Zoe Yandle, Charlene Bennet, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun
EPI_ISL_1096215, EPI_ISL_1096218, EPI_ISL_1096222, EPI_ISL_1096223	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,LefeuveCaroline
EPI_ISL_1096258	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,Guinard Jérôme
EPI_ISL_1096260, EPI_ISL_1096261, EPI_ISL_1096278, EPI_ISL_1096279, EPI_ISL_1096280, EPI_ISL_1096282, EPI_ISL_1096283, EPI_ISL_1096284, EPI_ISL_1096286, EPI_ISL_1096288, EPI_ISL_1096289, EPI_ISL_1096291, EPI_ISL_1096292, EPI_ISL_1096293, EPI_ISL_1096295, EPI_ISL_1096299	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,Guinoiseau Thibault
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,Leruez-Ville Marianne
EPI_ISL_1096304	Research	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,Leruez-Ville Marianne
EPI_ISL_1096321, EPI_ISL_1096322, EPI_ISL_1096323, EPI_ISL_1096324, EPI_ISL_1096325, EPI_ISL_1096326, EPI_ISL_1096327, EPI_ISL_1096328	Colorado Department of Public Health and Environment	Colorado Department of Puplic Health and Environment	Laura Bankers, Molly C. Hetherington-Rauth, Diana Ir, Shannon Ely, Shannon R. Matzinger, Sarah Elizabeth Totten, Emily A. Travanty
EPI_ISL_1097512, EPI_ISL_1097514, EPI_ISL_1097516, EPI_ISL_1097517	Eurofins Diatherix	Hudsonalpha Genome Sequencing Center	Jane Grimwood, Melissa Williams, Lori H. Handley, Joshua Stough, Leslie Malone, Stefan Brzezinski, Ada Stewart, Teresa Jones, Jenell Webber, John Lovell, Jennifer Cart, and Jeremy Schmutz
EPI_ISL_1097723	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 Vanaerschot, 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_1098814, EPI_ISL_1098815	Laboratory of Communicable Diseasea	Laboratory of Communicable Diseasea	Lidia Dotsenko
EPI_ISL_1098895	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_1101110	Laboratoire central de Virologie, Centre hospitalo-universitaire Ibn Sina, Hôpital des spécialités, Rabat	Laboratoire de Biotechnologie	Myriam Sefar, Hakima Kabbaj, Ghizlane EL Amin, Amal Zouaki, Mouna Ouadghiri, Tarik Aanniz, Abdelomunim Essabbar, Saaïd Amzazi, Lahcen Belyamani and Azeddine Ibrahim
EPI_ISL_1103569	Laboratoire central de Virologie, Centre hospitalo-universitaire Ibn Sina, Hôpital des spécialités	Laboratoire de Biotechnologie	Myriam Sefar, Hakima Kabbaj, Ghizlane EL Amin, Amal Zouaki, Mouna Ouadghiri, Tarik Aanniz, Abdelomunim Essabbar, Saaïd Amzazi, Lahcen Belyamani and Azeddine Ibrahim
EPI_ISL_1103579	Laboratoire central de Virologie, Centre hospitalo-universitaire Ibn Sina, Hôpital des spécialités	Laboratoire de Biotechnologie	Myriam Sefar, Hakima Kabbaj, Ghizlane EL Amin, Amal Zouaki, Mouna Ouadghiri, Tarik Aanniz, Abdelomunim Essabbar, Saaïd Amzazi, Lahcen Belyamani and Azeddine Ibrahim
EPI_ISL_1103584	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_1103792, EPI_ISL_1103805	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun, Yasmin Chaudhry, Ilana Georgana, Myra Hosmillo, Rhys Izuagbe, William L. Hamilton, Martin D. Curran, Surendra Parmar, Ian Goodfellow
EPI_ISL_1103888, EPI_ISL_1103937, EPI_ISL_1103938, EPI_ISL_1103939, EPI_ISL_1103940, EPI_ISL_1103942, EPI_ISL_1103943, EPI_ISL_1103947	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_1104025, EPI_ISL_1104027, EPI_ISL_1104028, EPI_ISL_1104032, EPI_ISL_1104034, EPI_ISL_1104035, EPI_ISL_1104036, EPI_ISL_1104040, EPI_ISL_1104041, EPI_ISL_1104044, EPI_ISL_1104045, EPI_ISL_1104046, EPI_ISL_1104051, EPI_ISL_1104052, EPI_ISL_1104056, EPI_ISL_1104058, EPI_ISL_1104059, EPI_ISL_1104060, EPI_ISL_1104062, EPI_ISL_1104063, EPI_ISL_1104068, EPI_ISL_1104069, EPI_ISL_1104071	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
see above	Lighthouse Lab in Glasgow / 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; Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak; Alasdair MacLean, Rory Gunson; Richard Orton, Joseph Hughes, Sreenu Vattipally, David L Robertson; Sharif Shaaban, Matthew Holden; Kathy Li, James Shepherd, Antonia Ho, Emma Thomson
EPI_ISL_1104104, EPI_ISL_1104107, EPI_ISL_1104108, EPI_ISL_1104109, EPI_ISL_1104110, EPI_ISL_1104111, EPI_ISL_1104118, EPI_ISL_1104120, EPI_ISL_1104122	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_1104197, EPI_ISL_1104217, EPI_ISL_1104220, EPI_ISL_1104223, EPI_ISL_1104227, EPI_ISL_1104228, EPI_ISL_1104229, EPI_ISL_1104231, EPI_ISL_1104234, EPI_ISL_1104235, EPI_ISL_1104236, EPI_ISL_1104243, EPI_ISL_1104262, EPI_ISL_1104263	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
see above			
EPI_ISL_1104776, EPI_ISL_1104785, EPI_ISL_1104788, EPI_ISL_1104799, EPI_ISL_1104801, EPI_ISL_1104804, EPI_ISL_1104809, EPI_ISL_1104810, EPI_ISL_1104811, EPI_ISL_1104813, EPI_ISL_1104815, EPI_ISL_1104820, EPI_ISL_1104828, EPI_ISL_1104831, EPI_ISL_1104833, EPI_ISL_1104836, EPI_ISL_1104845,			

EPI_ISL_1104850, EPI_ISL_1104852, EPI_ISL_1104858, EPI_ISL_1104860, EPI_ISL_1104862, EPI_ISL_1104879, EPI_ISL_1104901, EPI_ISL_1104916, EPI_ISL_1104939, EPI_ISL_1104955, EPI_ISL_1104967, EPI_ISL_1104970, EPI_ISL_1104974, EPI_ISL_1105008, EPI_ISL_1105017, EPI_ISL_1105025, EPI_ISL_1105033, EPI_ISL_1105042, EPI_ISL_1105060, EPI_ISL_1105079, EPI_ISL_1105151, EPI_ISL_1105156, EPI_ISL_1105159, EPI_ISL_1105168, EPI_ISL_1105176, EPI_ISL_1105194, EPI_ISL_1105198, EPI_ISL_1105200, EPI_ISL_1105201, EPI_ISL_1105208, EPI_ISL_1105220, EPI_ISL_1105250, EPI_ISL_1105264, EPI_ISL_1105265, EPI_ISL_1105268, EPI_ISL_1105272, EPI_ISL_1105276, EPI_ISL_1105284, EPI_ISL_1105288, EPI_ISL_1105289, EPI_ISL_1105297, EPI_ISL_1105324, EPI_ISL_1105332, EPI_ISL_1105347			
see above	University College London Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Judith Heaney, Matthew Byott, Catherine Houlihan, Dan Frampton, Stuart Kirk, Moira Spyer and Eleni Nastouli
EPI_ISL_1105475, EPI_ISL_1105478, EPI_ISL_1105491, EPI_ISL_1105499, EPI_ISL_1105700, EPI_ISL_1105791	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_1105847, EPI_ISL_1105851, EPI_ISL_1105858, EPI_ISL_1105863, EPI_ISL_1105864, EPI_ISL_1105865, EPI_ISL_1105867, EPI_ISL_1105871, EPI_ISL_1105883, EPI_ISL_1105885, EPI_ISL_1105893, EPI_ISL_1105895			
see above	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_1105946	Laboratoire central de Virologie, Centre hospitalo-universitaire Ibn Sina Hôpital des spécialités	Laboratoire de Biotechnologie	Myriam Seffar, Hakima Kabbaj, Ghizlane EL Amin, Amal Zouaki, Mouna Quadghiri, Tarik Aanniz, Abdelmunim Essabbar, Saaïd Amzazi, Lahcen Belyamani and Azeddine Ibrahim
EPI_ISL_1107189	Laboratoire central de Virologie	Laboratoire de Biotechnologie	Hakima Kabbaj, Myriam Seffar, Ghizlane EL Amin, Amal Zouaki, Abdelmunim Essabbar, Tarik Aanniz, Mouna Quadghiri, Saaïd Amzazi, Lahcen Belyamani and Azeddine Ibrahim
EPI_ISL_1107586, EPI_ISL_1107632, EPI_ISL_1107635, EPI_ISL_1107653, EPI_ISL_1107661	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_1108961, EPI_ISL_1108971, EPI_ISL_1108973, EPI_ISL_1109001	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Gemma Clark, Wendy Smith, Manjinder Khakh, Vicki M Fleming, Michelle M Lister, Hannah Howson-Wells, Jonathan Ball, Patrick McClure, Joseph Chappell, Theocharis Tsoeridis, Nadine Holmes, Matthew Carlisle, Christopher Moore, Fei Sang, Johnny Debebe, Victoria Wright, Matthew Loose
EPI_ISL_1109497	Croatian Institute of Public Health	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1109531, EPI_ISL_1109532, EPI_ISL_1109533	University Hospital for Infectious Diseases	Croatian Institute of Public Health	Irena Tabain, Ivana Ferenak
EPI_ISL_1109622	Laboratoire central de Virologie	Laboratoire de Biotechnologie	Hakima Kabbaj, Myriam Seffar, Ghizlane EL Amin, Amal Zouaki, Abdelmunim Essabbar, Tarik Aanniz, Mouna Quadghiri, Saaïd Amzazi, Lahcen Belyamani and Azeddine Ibrahim
EPI_ISL_1109623	Laboratoire central de Virologie	Laboratoire de Biotechnologie	Hakima Kabbaj, Myriam Seffar, Ghizlane EL Amin, Amal Zouaki, Abdelmunim Essabbar, Tarik Aanniz, Mouna Quadghiri, Saaïd Amzazi, Lahcen Belyamani and Azeddine Ibrahim
EPI_ISL_1109734	Servicio de Microbiología. Hospital Arnau de Vilanova	SeqCOVID-SPAIN consortium/IBV(CSIC)	Victoria Domínguez, Rocío Falcón, Amparo Farga and SeqCOVID-SPAIN consortium
EPI_ISL_1109810, EPI_ISL_1109822, EPI_ISL_1109841, EPI_ISL_1109864, EPI_ISL_1109868, EPI_ISL_1109869, EPI_ISL_1109870, EPI_ISL_1109871, EPI_ISL_1109872, EPI_ISL_1109873, EPI_ISL_1109875, EPI_ISL_1109876, EPI_ISL_1109877, EPI_ISL_1109897			
see above	Lab voor klinische biologie	Lab voor klinische biologie	Marija Janevska, Hannelore Hamerlinck, Bruno Verhasselt
EPI_ISL_1110008	MEPHI, Aix Marseille University	MEPHI, Aix Marseille University	Anthony LEVASSEUR
EPI_ISL_1110039, EPI_ISL_1110040, EPI_ISL_1110051, EPI_ISL_1110057, EPI_ISL_1110058, EPI_ISL_1110060, EPI_ISL_1110121, EPI_ISL_1110122, EPI_ISL_1110123, EPI_ISL_1110124, EPI_ISL_1110125, EPI_ISL_1110126, EPI_ISL_1110127, EPI_ISL_1110128, EPI_ISL_1110129, EPI_ISL_1110130, EPI_ISL_1110131, EPI_ISL_1110132, EPI_ISL_1110134, EPI_ISL_1110135, EPI_ISL_1110137			
see above	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Shah Mohamed Bakhsh, Michelle Lin, Noah Baker, Meei-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_1110237	Hospital de Sagunto	SeqCOVID-SPAIN consortium/IBV(CSIC)	Noelia Lozano Rodríguez, Sandra Moreno and SeqCOVID-SPAIN consortium
EPI_ISL_1110294	Baylor Scott & White-Temple	Baylor Scott & White-Temple	Ari Rao, Linden Morales, Kimberly Walker, Marcus Volz, Shelby Hendrickson
EPI_ISL_1110413, EPI_ISL_1110437, EPI_ISL_1110438, EPI_ISL_1110440, EPI_ISL_1110495, EPI_ISL_1110496, EPI_ISL_1110497, EPI_ISL_1110498, EPI_ISL_1110499, EPI_ISL_1110500, EPI_ISL_1110501, EPI_ISL_1110502, EPI_ISL_1110503, EPI_ISL_1110504, EPI_ISL_1110507, EPI_ISL_1110508, EPI_ISL_1110509			
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, Pilorge LéA
EPI_ISL_1110530	Akershus University Hospital, Department for Microbiology and Infectious Disease Control	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1110601	Ospedale Civile Teramo	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_1110834, EPI_ISL_1110835, EPI_ISL_1110837, EPI_ISL_1110839, EPI_ISL_1110846, EPI_ISL_1110850, EPI_ISL_1110853, EPI_ISL_1110854, EPI_ISL_1110855, EPI_ISL_1110857, EPI_ISL_1110858, EPI_ISL_1110859, EPI_ISL_1110861, EPI_ISL_1110862, EPI_ISL_1110865, EPI_ISL_1110866, EPI_ISL_1110868, EPI_ISL_1110870			
see above	Virginia Division of Consolidated Laboratory Services	Virginia Division of Consolidated Laboratory Services	Virginia DCLS
EPI_ISL_1110899, EPI_ISL_1110900, EPI_ISL_1110901, EPI_ISL_1110929, EPI_ISL_1110930, EPI_ISL_1110931, EPI_ISL_1110957, EPI_ISL_1110958, EPI_ISL_1110967, EPI_ISL_1110981, EPI_ISL_1110982, EPI_ISL_1110983, EPI_ISL_1110984, EPI_ISL_1110985, EPI_ISL_1110986, EPI_ISL_1110987, EPI_ISL_1110988, EPI_ISL_1110989, EPI_ISL_1110990, EPI_ISL_1110991, EPI_ISL_1110992, EPI_ISL_1110993, EPI_ISL_1110994, EPI_ISL_1110995, EPI_ISL_1110996, EPI_ISL_1110997, EPI_ISL_1110998, EPI_ISL_1110999, EPI_ISL_1111000, EPI_ISL_1111001, EPI_ISL_1111002, EPI_ISL_1111003, EPI_ISL_1111004, EPI_ISL_1111005, EPI_ISL_1111006, EPI_ISL_1111007, EPI_ISL_1111008, EPI_ISL_1111009, EPI_ISL_1111010			
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, Pilorge LéA
EPI_ISL_1111069, EPI_ISL_1111128, EPI_ISL_1111129, EPI_ISL_1111160, EPI_ISL_1111161, EPI_ISL_1111281, EPI_ISL_1111282, EPI_ISL_1111287, EPI_ISL_1111288, EPI_ISL_1111289, EPI_ISL_1111291, EPI_ISL_1111293, EPI_ISL_1111297, EPI_ISL_1111299, EPI_ISL_1111301, EPI_ISL_1111302, EPI_ISL_1111304, EPI_ISL_1111306, EPI_ISL_1111317, EPI_ISL_1111322, EPI_ISL_1111325, EPI_ISL_1111326, EPI_ISL_1111327, EPI_ISL_1111332, EPI_ISL_1111334, EPI_ISL_1111338, EPI_ISL_1111339, EPI_ISL_1111348, EPI_ISL_1111351, EPI_ISL_1111353, EPI_ISL_1111354, EPI_ISL_1111448, EPI_ISL_1111449, EPI_ISL_1111450, EPI_ISL_1111452, EPI_ISL_1111453, EPI_ISL_1111455, EPI_ISL_1111460, EPI_ISL_1111461, EPI_ISL_1111465, EPI_ISL_1111466, EPI_ISL_1111468, EPI_ISL_1111469, EPI_ISL_1111472, EPI_ISL_1111473, EPI_ISL_1111474, EPI_ISL_1111475, EPI_ISL_1111490, EPI_ISL_1111496, EPI_ISL_1111501, EPI_ISL_1111504, EPI_ISL_1111505			
see above	Laboratorio de Referencia Nacional de Virus Respiratorio. Instituto Nacional de Salud Perú	Laboratorio de Referencia Nacional de Enteropatógenos. Instituto Nacional de Salud del Perú	Ronnie Gavilan Chavez, Junior Caro Castro, Willi Quino Sifuentes, Veronica Hurtado Vela, Iris Silva Molina, Fiorella Orellana Peralta
EPI_ISL_1111514, EPI_ISL_1111515, EPI_ISL_1111519, EPI_ISL_1111522, EPI_ISL_1111563, EPI_ISL_1111579	Virginia Division of Consolidated Laboratory Services	Virginia Division of Consolidated Laboratory Services	Virginia DCLS
EPI_ISL_1112227	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Parisi A., Bianco A., Capozzi L., Del Sambro L., Simone D., Giannico A., Ridolfi D.
EPI_ISL_1112235	Ospedali Riuniti Azienda Ospedaliera Universitaria - Foggia	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Parisi A., Bianco A., Capozzi L., Del Sambro L., Simone D., Giannico A., Ridolfi D.
EPI_ISL_1112294, EPI_ISL_1112296, EPI_ISL_1112297, EPI_ISL_1112298, EPI_ISL_1112299, EPI_ISL_1112300, EPI_ISL_1112301, EPI_ISL_1112303, EPI_ISL_1112304, EPI_ISL_1112306, EPI_ISL_1112309, EPI_ISL_1112310, EPI_ISL_1112311, EPI_ISL_1112312, EPI_ISL_1112315, EPI_ISL_1112316, EPI_ISL_1112317, EPI_ISL_1112318, EPI_ISL_1112320, EPI_ISL_1112321, EPI_ISL_1112323, EPI_ISL_1112325, EPI_ISL_1112326, EPI_ISL_1112328, EPI_ISL_1112330, EPI_ISL_1112331, EPI_ISL_1112332, EPI_ISL_1112333, EPI_ISL_1112334, EPI_ISL_1112335, EPI_ISL_1112336, EPI_ISL_1112337, EPI_ISL_1112338, EPI_ISL_1112339			
see above	Public Health Center of Ukraine	Charité Universitätsmedizin Berlin, Institute of Virology	Victor M Corman, Barbara Mühlemann, Jörn Beheim-Schwarzbach, Talitha Veith, Julia Schneider, Terry Jones, Roman Rodyna, Ihor Kuzin, Liudmyla Chernenko, Iryna Demchyshyna, Christian Drosten
EPI_ISL_1113137	Rocky Mountain Laboratories	Rocky Mountain Laboratories	van Doremalen, N., Holbrook, M.G., Barbian, K.D., Bushmaker, C., Bushmaker, T., Martens, C.A. and Munster, V.J.

EPI_ISL_1113178, EPI_ISL_1113179	Gundersen Molecular Diagnostics Laboratory	Kabara Cancer Research Institute	Craig S. Richmond, Paraic A. Kenny
EPI_ISL_1113182	Gundersen Clinical Microbiology Laboratory	Kabara Cancer Research Institute	Craig S. Richmond, Paraic A. Kenny
EPI_ISL_1114391	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Jim Mildenberger, Wanda Manley, Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Chayse Rowley, Marley Goetz, Brian Dominguez, Elliot Thomasson, Cari Sloma, and Rob Christensen
EPI_ISL_1114717, EPI_ISL_1114718, EPI_ISL_1114719, EPI_ISL_1114720, EPI_ISL_1114721, EPI_ISL_1114722, EPI_ISL_1114723, EPI_ISL_1114724	Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia	Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia	Suppiah J, Kamel K, Azizan MA, Thayan R
EPI_ISL_1116465	Laboratoire central de Virologie	Laboratoire de Biotechnologie	Ghizlane EL Amin, Hakima Kabbaj, Myriam Seffar, Amal Zouaki, Abdelmunim Essabbar, Tarik Aanniz, Mouna Quadghiri, Saaïd Amzazi, Lahcen Belyamani and Azeddine Ibrahim
EPI_ISL_1116555	Laboratoire central de Virologie	Laboratoire de Biotechnologie	Ghizlane EL Amin, Myriam Seffar, Hakima Kabbaj, Amal Zouaki, Abdelmunim Essabbar, Tarik Aanniz, Mouna Quadghiri, Saaïd Amzazi, Lahcen Belyamani and Azeddine Ibrahim
EPI_ISL_1116758	Biolab Diagnostic Laboratories	Biolab Diagnostic Laboratories	Issa Abu-Dayyeh, Ahmad Tibi, Lama Hussein, Shayma Ali, Badia Sadeddin, Eiad Atwa, Amid Abdelnour
EPI_ISL_1116827, EPI_ISL_1116828, EPI_ISL_1116829, EPI_ISL_1116830, EPI_ISL_1116831	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_1116894, EPI_ISL_1116895	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1116974, EPI_ISL_1116975, EPI_ISL_1116976, EPI_ISL_1116978, EPI_ISL_1116979, EPI_ISL_1116980	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_1117221	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_1117257, EPI_ISL_1117258, EPI_ISL_1117260, EPI_ISL_1117261, EPI_ISL_1117262, EPI_ISL_1117263, EPI_ISL_1117264, EPI_ISL_1117265, EPI_ISL_1117266, EPI_ISL_1117267, EPI_ISL_1117268, EPI_ISL_1117269, EPI_ISL_1117270, EPI_ISL_1117271, EPI_ISL_1117272, EPI_ISL_1117298	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
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_1117527, EPI_ISL_1117528	Thai Red Cross Emerging Infectious Diseases Health Science Centre, Chulalongkorn Hospital, Faculty of Medicine, Chulalongkorn University	Thai Red Cross Emerging Infectious Diseases Center and Faculty of Medicine, Chulalongkorn University	Chaniya Jamsaim, Duangtip Singhakun, Ratchada Kitsommart, Sininat Petcharat, Yutthana Joyjinda, Weenassarin Ampoot, Apaporn Rodpan, Thiravat Hemachudha, Supaporn Wacharapluesadee
EPI_ISL_1117603, EPI_ISL_1117604, EPI_ISL_1117606, EPI_ISL_1117608, EPI_ISL_1117611, EPI_ISL_1117612, EPI_ISL_1117614, EPI_ISL_1117615, EPI_ISL_1117617, EPI_ISL_1117620, EPI_ISL_1117622, EPI_ISL_1117623, EPI_ISL_1117625, EPI_ISL_1117627, EPI_ISL_1117629, EPI_ISL_1117630, EPI_ISL_1117632, EPI_ISL_1117634, EPI_ISL_1117635, EPI_ISL_1117637, EPI_ISL_1117638, EPI_ISL_1117640, EPI_ISL_1117642, EPI_ISL_1117643, EPI_ISL_1117644, EPI_ISL_1117647, EPI_ISL_1117649, EPI_ISL_1117650, EPI_ISL_1117652, EPI_ISL_1117653, EPI_ISL_1117654, EPI_ISL_1117655, EPI_ISL_1117656, EPI_ISL_1117658, EPI_ISL_1117659, EPI_ISL_1117660	Ministry of Health Turkey	Ministry of Health Turkey	Fatma Bayrakdar, Yasemin Cogun, Süleyman Yalcin, Aye Baak Alta, Gülay Korukluolu
see above	Ministry of Health Turkey	Ministry of Health Turkey	Fatma Bayrakdar, Yasemin Cogun, Süleyman Yalcin, Aye Baak Alta, Gülay Korukluolu
EPI_ISL_1117700	Ohio Department of Health Laboratory	Ohio Department of Health Laboratory	Holmes, Jennifer; Eric Brandt, Keoni Omura, Glen McGillivray, Caitlin McDonnell, Jade Mowery, Stephanie Mccracken, Tyler Payne, Kirtana Ramadugu, Erica Leasure, Brent Lee, Kelsey Florek, Heather Blankenship, Allison Black, Quanta Brown, and Tammy Bannerman
EPI_ISL_1117722, EPI_ISL_1117725, EPI_ISL_1117728, EPI_ISL_1117731, EPI_ISL_1117734, EPI_ISL_1117735, EPI_ISL_1117738, EPI_ISL_1117739, EPI_ISL_1117741, EPI_ISL_1117754, EPI_ISL_1117773	National Virus Reference Laboratory	National Virus Reference Laboratory	Zoe Yandle, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun
see above	National Virus Reference Laboratory	National Virus Reference Laboratory	Zoe Yandle, Gabriel Gonzalez, Michael Carr, Jonathan Dean, Cillian F De Gascun
EPI_ISL_1117774	Ohio Department of Health Laboratory	Ohio Department of Health Laboratory	Holmes, Jennifer; Eric Brandt, Keoni Omura, Glen McGillivray, Caitlin McDonnell, Jade Mowery, Stephanie Mccracken, Tyler Payne, Kirtana Ramadugu, Erica Leasure, Brent Lee, Kelsey Florek, Heather Blankenship, Allison Black, Quanta Brown, and Tammy Bannerman
EPI_ISL_1117810, EPI_ISL_1117811, EPI_ISL_1117813, EPI_ISL_1117814, EPI_ISL_1117815, EPI_ISL_1117816	Institut für Pathologie, Salzkammergut Klinikum Vöcklabruck	Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Bergthaler
EPI_ISL_1117831, EPI_ISL_1117832, EPI_ISL_1117833	HG Pharma GmbH	Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Bergthaler
EPI_ISL_1117834, EPI_ISL_1117835, EPI_ISL_1117840, EPI_ISL_1117841, EPI_ISL_1117842, EPI_ISL_1117843, EPI_ISL_1117844, EPI_ISL_1117845	Klinikum Wels-Grieskirchen	Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Bergthaler
EPI_ISL_1117846	Institut für Pathologie, Salzkammergut Klinikum Vöcklabruck	Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Bergthaler
EPI_ISL_1117870, EPI_ISL_1117871, EPI_ISL_1117872, EPI_ISL_1117882, EPI_ISL_1117883, EPI_ISL_1117884, EPI_ISL_1117885	HG Pharma GmbH	Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Bergthaler
EPI_ISL_1117921	Klinikum Wels-Grieskirchen	Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Bergthaler
EPI_ISL_1117922, EPI_ISL_1117929, EPI_ISL_1117931, EPI_ISL_1117932, EPI_ISL_1117933, EPI_ISL_1117934, EPI_ISL_1117935	HG Pharma GmbH	Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Bergthaler
EPI_ISL_1118050, EPI_ISL_1118051, EPI_ISL_1118052, EPI_ISL_1118053, EPI_ISL_1118054, EPI_ISL_1118055, EPI_ISL_1118056, EPI_ISL_1118057, EPI_ISL_1118058, EPI_ISL_1118059, EPI_ISL_1118060, EPI_ISL_1118061	Klinikum Wels-Grieskirchen	Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Bergthaler
see above	Klinikum Wels-Grieskirchen	Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Bergthaler
EPI_ISL_1118062	Institut für Pathologie, Salzkammergut Klinikum Vöcklabruck	Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Bergthaler
EPI_ISL_1118063	Klinikum Wels-Grieskirchen	Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Bergthaler
EPI_ISL_1118081, EPI_ISL_1118082	HG Pharma GmbH	Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Bergthaler
EPI_ISL_1118086, EPI_ISL_1118087, EPI_ISL_1118088, EPI_ISL_1118089	Ohio Department of Health Laboratory	Ohio Department of Health Laboratory	Holmes, Jennifer; Eric Brandt, Keoni Omura, Glen McGillivray, Caitlin McDonnell, Jade Mowery, Stephanie Mccracken, Tyler Payne, Kirtana Ramadugu, Erica Leasure, Brent Lee, Kelsey Florek, Heather Blankenship, Allison Black, Quanta Brown, and Tammy Bannerman
EPI_ISL_1118116, EPI_ISL_1118123, EPI_ISL_1118127, EPI_ISL_1118129,	Dept. of Microbiology and Infection Control, Akershus University Hospital HF	Dept. of Microbiology and Infection Control, Akershus University Hospital HF	Hege Vangstein Aamot, Alexander Hesselberg Lovestad





EPI_ISL_1118535	Akershus University Hospital, Department for Microbiology and Infectious Disease Control	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118537	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, 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_1118540, EPI_ISL_1118541	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, 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_1118542	Vestfold Hospital, Toensberg Department of Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118544	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, 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_1118545, EPI_ISL_1118546	Dept. of Medical Microbiology, Stavanger University Hospital, Helse Stavanger HF	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, 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_1118547	Akershus University Hospital, Department for Microbiology and Infectious Disease Control	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118550	Nordland Hospital - Bodo, Laboratory Department, Molecular Biology Unit	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118551	Oslo University Hospital, Department of Medical Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118552	Akershus University Hospital, Department for Microbiology and Infectious Disease Control	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118553, EPI_ISL_1118554	Nordland Hospital - Bodo, Laboratory Department, Molecular Biology Unit	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118555	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, 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_1118558, EPI_ISL_1118559	Dept. of Medical Microbiology, Stavanger University Hospital, Helse Stavanger HF	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, 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_1118561	Akershus University Hospital, Department for Microbiology and Infectious Disease Control	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118562	Furst Medical Laboratory	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118563	Akershus University Hospital, Department for Microbiology and Infectious Disease Control	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118564	Dept. of Medical Microbiology, Stavanger University Hospital, Helse Stavanger HF	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, 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_1118566, EPI_ISL_1118567	Akershus University Hospital, Department for Microbiology and Infectious Disease Control	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118570, EPI_ISL_1118571	Dept. of Medical Microbiology, Stavanger University Hospital, Helse Stavanger HF	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, 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_1118583	Innlandet Hospital Trust, Division Lillehammer, Department for Medical Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118584	Akershus University Hospital, Department for Microbiology and Infectious Disease Control	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1118802, EPI_ISL_1118910, EPI_ISL_1118911, EPI_ISL_1118912, EPI_ISL_1118913, EPI_ISL_1118914, EPI_ISL_1118920, EPI_ISL_1118921, EPI_ISL_1118922, EPI_ISL_1118924	Ohio Department of Health Laboratory	Ohio Department of Health Laboratory	Holmes, Jennifer; Eric Brandt, Keoni Omura, Glen McGillivray, Caitlin McDonnell, Jade Mowery, Stephanie Mccracken, Tyler Payne, Kirtana Ramadugu, Erica Leasure, Brent Lee, Kelsey Florek, Heather Blankenship, Allison Black, Quanta Brown, and Tammy Bannerman
EPI_ISL_1120110	Kansas Health and Environmental Lab	Kansas Health and Environmental Lab	Mike Grose, Jonathan Barnell, Ben Olsen, and Phil Adam
EPI_ISL_1120491, EPI_ISL_1120562, EPI_ISL_1120575, EPI_ISL_1120578	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_1120708	Inno Diagnostics/Center for Research Resources, Ponce Medical School Foundation, Inc.	Centers for Disease Control and Prevention, Dengue Branch	Gilberto A. Santiago, Glenda Gonzalez, Betzabel Flores, Keyla Charriez, Andrea Arias-Garcia, Raphael Sanchez-Torres, Vanessa Rivera-Amill, Gabriela Paz-Bailey, Jorge L. Munoz-Jordan
EPI_ISL_1120732	Laboratoire central de Virologie	Laboratoire de Biotechnologie	Hakima Kabbaj, Myriam Sefarr, Ghizlane EL Amin, Amal Zouaki, Abdelmunim Essabbar, Tarik Aanniz, Mouna Ouadghiri, Saaid Amzazi, Lahcen Belyamani and Azeddine Ibrahim
EPI_ISL_1120825	GHOL	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_1120842	LA SOURCE	Laboratory of genomics and metagenomics, Institute of Microbiology, University Hospital Centre and University of Lausanne, Switzerland	Trestan Pillonel, Damien Jacot, Sébastien Aeby, Gilbert Greub, Claire Bertelli
EPI_ISL_1120844	UNILABS - COPPET	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_1120850, EPI_ISL_1120851, EPI_ISL_1120852, EPI_ISL_1120853	LA SOURCE	Laboratory of genomics and metagenomics, Institute of Microbiology, University Hospital Centre and University of Lausanne, Switzerland	Trestan Pillonel, Damien Jacot, Sébastien Aeby, Gilbert Greub, Claire Bertelli
EPI_ISL_1120858, EPI_ISL_1120868, EPI_ISL_1120869, EPI_ISL_1120871	EHNV	Laboratory of genomics and metagenomics, Institute of Microbiology, University Hospital Centre and University of Lausanne, Switzerland	Trestan Pillonel, Damien Jacot, Sébastien Aeby, Gilbert Greub, Claire Bertelli
EPI_ISL_1120874, EPI_ISL_1120877	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_1120951, EPI_ISL_1120952, EPI_ISL_1120953, EPI_ISL_1120954, EPI_ISL_1120958, EPI_ISL_1120959, EPI_ISL_1120960, EPI_ISL_1120961	Hospital Universitario 12 de Octubre	SeqCOVID-SPAIN consortium/IBV(CSIC)	Esther Viedma, Raúl Recio, Irene Muñoz-Gallego, Jennifer Villa, Rafael Delgado, M <sup>o</sup> Dolores Folgueira and SeqCOVID-SPAIN consortiumconsortium
EPI_ISL_1121031	Area of Virology, Serology and Virology Division (SAVID), New South Wales Health Pathology Randwick	Virology Research Laboratory; Area of Virology, Serology and Virology Division (SAVID), New South Wales Health Pathology Randwick	Foster, C.; Au, J.; Ruiz Silva, M.; Deveson, I.; Bull, R.; Van Hal, S.; Rawlinson, W.
EPI_ISL_1121222, EPI_ISL_1121223, EPI_ISL_1121224, EPI_ISL_1121225, EPI_ISL_1121226, EPI_ISL_1121227, EPI_ISL_1121228	DC Public Health Lab/ Dept. of Forensic Sciences	DC Public Health Lab/ Dept. of Forensic Sciences	Scott Nguyen, Janis Doss, Elizabeth Zelaya, Connie Maza, Monica Mann, Brittany Hamilton, David Payne, Jocelyn Hauser
EPI_ISL_1121325	IAL Regional de Santos	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valesa Ramos Gomes, Karoline Rodrigues Campos, Caio Vinicius Dias Lopes
EPI_ISL_1121521, EPI_ISL_1121522, EPI_ISL_1121525, EPI_ISL_1121527, EPI_ISL_1121549, EPI_ISL_1121554	New Mexico Department of Health Scientific Laboratory	Center for Global Health, University of New Mexico Health Sciences Center	Daryl Dommam, Kurt Schwalm, Twila Kunde, Joseph Hicks, Anastacia Griego, Michael Edwards, Darrell Dinwiddie
EPI_ISL_1121634, EPI_ISL_1121635, EPI_ISL_1121637, EPI_ISL_1121638, EPI_ISL_1121639, EPI_ISL_1121640, EPI_ISL_1121641, EPI_ISL_1121642, EPI_ISL_1121643, EPI_ISL_1121644, EPI_ISL_1121645, EPI_ISL_1121646, EPI_ISL_1121647, EPI_ISL_1121649, EPI_ISL_1121650, EPI_ISL_1121651, EPI_ISL_1121652, EPI_ISL_1121655, EPI_ISL_1121656, EPI_ISL_1121657, EPI_ISL_1121659, EPI_ISL_1121660, EPI_ISL_1121663, EPI_ISL_1121664, EPI_ISL_1121665, EPI_ISL_1121666, EPI_ISL_1121667, EPI_ISL_1121668, EPI_ISL_1121669, EPI_ISL_1121670, EPI_ISL_1121671, EPI_ISL_1121672, EPI_ISL_1121673, EPI_ISL_1121674, EPI_ISL_1121675, EPI_ISL_1121676, EPI_ISL_1121677, EPI_ISL_1121678, EPI_ISL_1121679, EPI_ISL_1121680, EPI_ISL_1121681, EPI_ISL_1121682, EPI_ISL_1121683, EPI_ISL_1121684, EPI_ISL_1121685, EPI_ISL_1121686, EPI_ISL_1121687, EPI_ISL_1121688, EPI_ISL_1121692, EPI_ISL_1121694, EPI_ISL_1121696, EPI_ISL_1121697, EPI_ISL_1121698			
see above	Broad Institute Clinical Research Sequencing Platform	Infectious Disease Program, Broad Institute of Harvard and MIT	Lemieux,J.E., Siddle,K.J., Adams,G., Gladden-Young,A., Lagerborg,K., Rudy,M., DeRuff,K., Carter,A., Normandin,E., Bauer,M., Reilly,S., Tomkins-Tinch,C., Loreth,C., Chaluvadi,S., Birren,B.W., Gallagher,G., Smole,S., Park,D.J., MacInnis,B.L., and Sabeti,P.C.
EPI_ISL_1121760, EPI_ISL_1121762, EPI_ISL_1121766, EPI_ISL_1121767, EPI_ISL_1121768, EPI_ISL_1121771, EPI_ISL_1121774, EPI_ISL_1121779, EPI_ISL_1121781, EPI_ISL_1121783	Massachusetts General Hospital	Infectious Disease Program, Broad Institute of Harvard and MIT	Lemieux,J.E., Siddle,K.J., Shaw,B., Adams,G., Pierce,V., Turbett,S., Anahtar,M., Branda,J., Slater,D., Harris,J., Lin,A.E., Gladden-Young,A., Lagerborg,K., Rudy,M., DeRuff,K., Carter,A., Normandin,E., Bauer,M., Reilly,S., Tomkins-Tinch,C., Loreth,C., Chaluvadi,S., Neumann,A., Cusick,C., Chapman,S.B., Gnirke,A., Flowers,K., Cerrato,F., Birren,B.W., Gallagher,G., Smole,S., Park,D.J., MacInnis,B.L., Ryan,E., LaRocque,R., Rosenberg,E. and Sabeti,P.C.
EPI_ISL_1121854, EPI_ISL_1121859	Rhode Island Department of Health	Infectious Disease Program, Broad Institute of Harvard and MIT	Lemieux,J.E., Siddle,K.J., Huard,R., King,E., Azevedo,K., Miller,A., Adams,G., Gladden-Young,A., Lagerborg,K., Rudy,M., DeRuff,K., Carter,A., Normandin,E., Bauer,M., Reilly,S., Tomkins-Tinch,C., Loreth,C., Chaluvadi,S., Birren,B.W., Gallagher,G., Smole,S., Park,D.J., MacInnis,B.L., and Sabeti,P.C.
EPI_ISL_1121963, EPI_ISL_1121964, EPI_ISL_1121965, EPI_ISL_1121966, EPI_ISL_1121967, EPI_ISL_1121968	Broad Institute Clinical Research Sequencing Platform	Infectious Disease Program, Broad Institute of Harvard and MIT	Lemieux,J.E., Siddle,K.J., Adams,G., Gladden-Young,A., Lagerborg,K., Rudy,M., DeRuff,K., Carter,A., Normandin,E., Bauer,M., Reilly,S., Tomkins-Tinch,C., Loreth,C., Chaluvadi,S., Birren,B.W., Gallagher,G., Smole,S., Park,D.J., MacInnis,B.L., and Sabeti,P.C.
EPI_ISL_1121996, EPI_ISL_1121997, EPI_ISL_1121998, EPI_ISL_1122000, EPI_ISL_1122003, EPI_ISL_1122004	Kentucky State Public Health Lab	Kentucky State Public Health Lab	Stephanie Lunn, Karim George, Joshua Tobias, William Grooms, Vaneet Arora, Matthew Johnson, Rachel Zinner, Rhonda Lucas
EPI_ISL_1122157, EPI_ISL_1122280, EPI_ISL_1122314	OHSU Lab Services Molecular Microbiology Lab	Oregon SARS-CoV-2 Genome Sequencing Center	Brendan L. O'Connell, Sally Grindstaff, Kayla Carter, Ruth V. Nichols, Alec J. Hirsch, Donna Hansel, Guang Fan, Xuan, Qin, Daniel N. Streblow, William B. Messer, Andrew C. Adey, Benjamin N. Bimber, Brian J. O'Roak
EPI_ISL_1122355, EPI_ISL_1122356	Ibaraki Prefectural Institute of Public Health	Ibaraki Prefectural Institute of Public Health	Keiko Goto, Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_1122890	Department of Virology I, National Institute of Infectious Diseases	Department of Veterinary Science, National Institute of Infectious Diseases	Yudai Kuroda, Tsukasa Yamamoto, Keita Ishijima, Souichi Yamada, Shuetsu Fukushima, Ken Maeda
EPI_ISL_1123374, EPI_ISL_1123375	IAL Regional de Santos	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valesa Ramos Gomes, Karoline Rodrigues Campos, Caio Vinicius Dias Lopes
EPI_ISL_1123418	Pathogen Genomics Center, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_1123419	Tokyo Metropolitan Institute of Public Health	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_1123420, EPI_ISL_1123421, EPI_ISL_1123422, EPI_ISL_1123423	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, Tadashi Kikuchi, Saori Matsuoka, Shigeru Kusagawa, Makoto Kuroda
EPI_ISL_1123424, EPI_ISL_1123425, EPI_ISL_1123426	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_1123427, EPI_ISL_1123428, EPI_ISL_1123429, EPI_ISL_1123430, EPI_ISL_1123431, EPI_ISL_1123434	Pathogen Genomics Center, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_1123448	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_1123449	Pathogen Genomics Center, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_1123451, EPI_ISL_1123452	Gunma Prefectural Institute of Public Health and Environmental Sciences	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_1123453, EPI_ISL_1123454, EPI_ISL_1123455, EPI_ISL_1123456, EPI_ISL_1123457	Pathogen Genomics Center, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_1123458	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_1123461, EPI_ISL_1123462, EPI_ISL_1123463, EPI_ISL_1123464	Pathogen Genomics Center, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_1123467	Gunma Prefectural Institute of Public Health and Environmental Sciences	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_1123468	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, Shigeru Tajima, Takahiro Maeki, Eri Nakayama , Motohiko Ogawa , Chang-Kweng Lim, Makoto Kuroda
EPI_ISL_1123469, EPI_ISL_1123470, EPI_ISL_1123471	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_1128196, EPI_ISL_1128197	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, Hidemasa Izumiya, Hideyuki Takahashi, Masatomo Morita, Nobuo Koizumi, Makoto Kuroda
EPI_ISL_1128229, EPI_ISL_1128230, EPI_ISL_1128231, EPI_ISL_1128232, EPI_ISL_1128233, EPI_ISL_1128234, EPI_ISL_1128235, EPI_ISL_1128236, EPI_ISL_1128272	Department of Infectious Diseases, Kobe Institute of Health	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_1128451	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, Chang-Kweng Lim, Takahiro Maeki, Motohiko Ogawa, Eri Nakayama, Shigeru Tanjima, Makoto Kuroda
EPI_ISL_1128454, EPI_ISL_1128490, EPI_ISL_1128491, EPI_ISL_1128493, EPI_ISL_1128494, EPI_ISL_1128495, EPI_ISL_1128496, EPI_ISL_1128497, EPI_ISL_1128498, EPI_ISL_1128499, EPI_ISL_1128500, EPI_ISL_1128501, EPI_ISL_1128502, EPI_ISL_1128503, EPI_ISL_1128504, EPI_ISL_1128505, EPI_ISL_1128506, EPI_ISL_1128507, EPI_ISL_1128508, EPI_ISL_1128509, EPI_ISL_1128510, EPI_ISL_1128511, EPI_ISL_1128512, EPI_ISL_1128513, EPI_ISL_1128514, EPI_ISL_1128515, EPI_ISL_1128516, EPI_ISL_1128517, EPI_ISL_1128518, EPI_ISL_1128519, EPI_ISL_1128520, EPI_ISL_1128521, EPI_ISL_1128522, EPI_ISL_1128523, EPI_ISL_1128524, EPI_ISL_1128525, EPI_ISL_1128526, EPI_ISL_1128527, EPI_ISL_1128578, EPI_ISL_1128579, EPI_ISL_1128580, EPI_ISL_1128581, EPI_ISL_1128582, EPI_ISL_1128583, EPI_ISL_1128584, EPI_ISL_1128585, EPI_ISL_1128586, EPI_ISL_1128587, EPI_ISL_1128588, EPI_ISL_1128589, EPI_ISL_1128590, EPI_ISL_1128591, EPI_ISL_1128592, EPI_ISL_1128593, EPI_ISL_1128594, EPI_ISL_1128595, EPI_ISL_1128596, EPI_ISL_1128597, EPI_ISL_1128598, EPI_ISL_1128638, EPI_ISL_1128639, EPI_ISL_1128644, EPI_ISL_1128645, EPI_ISL_1128646, EPI_ISL_1128647, EPI_ISL_1128648, EPI_ISL_1128649, EPI_ISL_1128650, EPI_ISL_1128651, EPI_ISL_1128652, EPI_ISL_1128653, EPI_ISL_1128654, EPI_ISL_1128655, EPI_ISL_1128656, EPI_ISL_1128657, EPI_ISL_1128658, EPI_ISL_1128659, EPI_ISL_1128667, EPI_ISL_1128671, EPI_ISL_1128672, EPI_ISL_1128673, EPI_ISL_1128674, EPI_ISL_1128675, EPI_ISL_1128676, EPI_ISL_1128677, EPI_ISL_1128678, EPI_ISL_1128679, EPI_ISL_1128680, EPI_ISL_1128681, EPI_ISL_1128682, EPI_ISL_1128683, EPI_ISL_1128684, EPI_ISL_1128685, EPI_ISL_1128686, EPI_ISL_1128687, EPI_ISL_1128688, EPI_ISL_1128689, EPI_ISL_1128690, EPI_ISL_1128691, EPI_ISL_1128692, EPI_ISL_1128693, EPI_ISL_1128694, EPI_ISL_1128695, EPI_ISL_1128696, EPI_ISL_1128697, EPI_ISL_1128698, EPI_ISL_1128743, EPI_ISL_1128744, EPI_ISL_1128745, EPI_ISL_1128746, EPI_ISL_1128747, EPI_ISL_1128748, EPI_ISL_1128749, EPI_ISL_1128750, EPI_ISL_1128751, EPI_ISL_1128752, EPI_ISL_1128753, EPI_ISL_1128754, EPI_ISL_1128755, EPI_ISL_1128756, EPI_ISL_1128757, EPI_ISL_1128758, EPI_ISL_1128759, EPI_ISL_1128760	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda	
see above	Pathogen Genomics Center, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_1128777, EPI_ISL_1128778, EPI_ISL_1128780, EPI_ISL_1128781, EPI_ISL_1128783, EPI_ISL_1128785	Osaka Institute of Public Health, Morinomiya Center	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_1128827, EPI_ISL_1128828, EPI_ISL_1128830, EPI_ISL_1128832, EPI_ISL_1128834, EPI_ISL_1128836, EPI_ISL_1128838, EPI_ISL_1128840, EPI_ISL_1128841, EPI_ISL_1128843, EPI_ISL_1128845, EPI_ISL_1128947, EPI_ISL_1128948, EPI_ISL_1128949, EPI_ISL_1128950, EPI_ISL_1128961, EPI_ISL_1128962, EPI_ISL_1128963, EPI_ISL_1129033, EPI_ISL_1129070	Pathogen Genomics Center, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
see above	Pathogen Genomics Center, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_1129130, EPI_ISL_1129131, EPI_ISL_1129132, EPI_ISL_1129133, EPI_ISL_1129134, EPI_ISL_1129135, EPI_ISL_1129136, EPI_ISL_1129137, EPI_ISL_1129138, EPI_ISL_1129139, EPI_ISL_1129140, EPI_ISL_1129141, EPI_ISL_1129142, EPI_ISL_1129143, EPI_ISL_1129144, EPI_ISL_1129145, EPI_ISL_1129146, EPI_ISL_1129147, EPI_ISL_1129148, EPI_ISL_1129149, EPI_ISL_1129150	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, Kyoko Saito, Tsuguto Fujimoto, Makoto Kuroda
see above	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, Kyoko Saito, Tsuguto Fujimoto, Makoto Kuroda
EPI_ISL_1129288	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Catharine Aquino, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Andrea Cabral de Gouvea, Maria Domenica Moccia, Simon Grüter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patrignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1129296	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_1129303	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_1129306, EPI_ISL_1129314	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_1129327	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_1129329, EPI_ISL_1129336, EPI_ISL_1129344	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Catharine Aquino, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Andrea Cabral de Gouvea, Maria Domenica Moccia, Simon Grüter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patrignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1129351	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_1129352, EPI_ISL_1129364, EPI_ISL_1129369, EPI_ISL_1129371	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Catharine Aquino, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Andrea Cabral de Gouvea, Maria Domenica Moccia, Simon Grüter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patrignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1129375, EPI_ISL_1129379	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_1129380	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_1129394, EPI_ISL_1129400	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Catharine Aquino, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Andrea Cabral de Gouvea, Maria Domenica Moccia, Simon Grüter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patrignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1129410	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_1129414	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Catharine Aquino, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Andrea Cabral de Gouvea, Maria Domenica Moccia, Simon Grüter, Timothy Sykes, Lennart Opitz, Griffin White, Laura Neff, Doris Popovic, Andrea Patrignani, Jay Tracy, Ralph Schlapbach, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1129419	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











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EPI_ISL_1135058	ORIAPOLE - BACTERIOLOGIE	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolynne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1136844	Nevada State Public Health Laboratory	Nevada State Public Health Laboratory	Andrew Gorzalski, Mark Pandori
EPI_ISL_1137017, EPI_ISL_1137021, EPI_ISL_1137023, EPI_ISL_1137024	Delaware Public Health Lab	Delaware Public Health Lab	Gregory Hovan
EPI_ISL_1137186, EPI_ISL_1137187, EPI_ISL_1137188, EPI_ISL_1137189, EPI_ISL_1137190, EPI_ISL_1137191, EPI_ISL_1137192, EPI_ISL_1137193, EPI_ISL_1137194	UPMC Clinical Microbiology Laboratory	Microbial Genome Sequencing Center; Microbial Genomic Epidemiology Laboratory, University of Pittsburgh	Lee H. Harrison, Jane W. Marsh, Marissa P. Griffith, Stephanie L. Mitchell, Vatsala R. Srinivasa, Kady D. Waggle, Daniel J. Snyder, Vaughn S. Cooper
EPI_ISL_1137492, EPI_ISL_1137494, EPI_ISL_1137497, EPI_ISL_1137499, EPI_ISL_1137500, EPI_ISL_1137501, EPI_ISL_1137502	New Jersey Department of Health, Public Health and Environmental Laboratories	New Jersey Public Health and Environmental Laboratories	Lindsey Bodnar, Shiv K. Verma, Dana Woell, Byeong Jeong
EPI_ISL_1137611	General Hospital - Tetovo	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov" , Macedonian Academy of Sciences and Arts	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska
EPI_ISL_1137612	General Hospital - Prilep	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov" , Macedonian Academy of Sciences and Arts	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska
EPI_ISL_1137614	General Hospital - Tetovo	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov" , Macedonian Academy of Sciences and Arts	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska
EPI_ISL_1137620	General Hospital - Prilep	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov" , Macedonian Academy of Sciences and Arts	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska
EPI_ISL_1137621	Laboratoire central de Virologie	Laboratoire de Biotechnologie	Myriam Seffar, Hakima Kabbaj, Ghizlane EL Amin, Amal Zouaki, Abdelomunim Essabbar, Tarik Aanniz, Mouna Ouadghiri, Saaïd Amzazi, Lahcen Belyamani and Azeddine Ibrahim
EPI_ISL_1137622	General Hospital - Strumica	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov" , Macedonian Academy of Sciences and Arts	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska
EPI_ISL_1137623	General Hospital - Shtip	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov" , Macedonian Academy of Sciences and Arts	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska
EPI_ISL_1138222	General Hospital - Ohrid	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov" , Macedonian Academy of Sciences and Arts	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska
EPI_ISL_1138406	General Hospital - Shtip	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov" , Macedonian Academy of Sciences and Arts	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska
EPI_ISL_1138410	General Hospital - Ohrid	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov" , Macedonian Academy of Sciences and Arts	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska
EPI_ISL_1138412	General Hospital - Shtip	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov" , Macedonian Academy of Sciences and Arts	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska
EPI_ISL_1138414, EPI_ISL_1138415, EPI_ISL_1138417, EPI_ISL_1138419, EPI_ISL_1138420, EPI_ISL_1138421	Laboratorio de Referencia Nacional de Virus Respiratorio. Instituto Nacional de Salud Perú	Laboratorio de Referencia Nacional de Biotecnología y Biología Molecular. Instituto Nacional de Salud Perú	Carlos Padilla Rojas, Karolyn Vega Chozo, Luis Barcena, Priscila Lope Pari, Omar Caceres Rey, Marco Galarza Perez, Maribel Huaranga Nuñez, Johanna Balbuena Torrez, Henri Bailon Calderon, Nancy Rojas Serrano
EPI_ISL_1138423	General Hospital - Ohrid	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov" , Macedonian Academy of Sciences and Arts	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska
EPI_ISL_1138424	General Hospital - Struga	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov" , Macedonian Academy of Sciences and Arts	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska
EPI_ISL_1138516, EPI_ISL_1138517, EPI_ISL_1138518	SA Pärnu Hospital Laboratory	1. Laboratory of Communicable Diseases (Estonia); 2. Eurofins Genomics Europe Sequencing GmbH	Lidia Dotsenko
EPI_ISL_1138519, EPI_ISL_1138520, EPI_ISL_1138521, EPI_ISL_1138523	Laboratory of Communicable Diseases	1. Laboratory of Communicable Diseases (Estonia); 2. Eurofins Genomics Europe Sequencing GmbH	Lidia Dotsenko
EPI_ISL_1138524, EPI_ISL_1138525	SA Pärnu Hospital Laboratory	1. Laboratory of Communicable Diseases (Estonia); 2. Eurofins Genomics Europe Sequencing GmbH	Lidia Dotsenko
EPI_ISL_1138526, EPI_ISL_1138527, EPI_ISL_1138528, EPI_ISL_1138530, EPI_ISL_1138531, EPI_ISL_1138532, EPI_ISL_1138533, EPI_ISL_1138534, EPI_ISL_1138535, EPI_ISL_1138536	Laboratory of Communicable Diseases	1. Laboratory of Communicable Diseases (Estonia); 2. Eurofins Genomics Europe Sequencing GmbH	Lidia Dotsenko
EPI_ISL_1138537	SA Pärnu Hospital Laboratory	1. Laboratory of Communicable Diseases (Estonia); 2. Eurofins Genomics Europe Sequencing GmbH	Lidia Dotsenko
EPI_ISL_1138538, EPI_ISL_1138539, EPI_ISL_1138540, EPI_ISL_1138541	Laboratory of Communicable Diseases	1. Laboratory of Communicable Diseases (Estonia); 2. Eurofins Genomics Europe Sequencing GmbH	Lidia Dotsenko
EPI_ISL_1138543	SA Pärnu Hospital Laboratory	1. Laboratory of Communicable Diseases (Estonia); 2. Eurofins Genomics Europe Sequencing GmbH	Lidia Dotsenko
EPI_ISL_1138544, EPI_ISL_1138545, EPI_ISL_1138546	Laboratory of Communicable Diseases	1. Laboratory of Communicable Diseases (Estonia); 2. Eurofins Genomics Europe Sequencing GmbH	Lidia Dotsenko
EPI_ISL_1138547	SA Pärnu Hospital Laboratory	1. Laboratory of Communicable Diseases (Estonia); 2.	Lidia Dotsenko

EPI_ISL_1138548, EPI_ISL_1138549, EPI_ISL_1138550, EPI_ISL_1138552	Laboratory of Communicable Diseases	Eurofins Genomics Europe Sequencing GmbH 1. Laboratory of Communicable Diseases (Estonia); 2. Eurofins Genomics Europe Sequencing GmbH	Lidia Dotsenko
EPI_ISL_1138745	Analysis laboratory	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, J. Besson
EPI_ISL_1138764, EPI_ISL_1138766, EPI_ISL_1138767, EPI_ISL_1138768, EPI_ISL_1138769, EPI_ISL_1138770, EPI_ISL_1138771, EPI_ISL_1138772, EPI_ISL_1138773, EPI_ISL_1138774, EPI_ISL_1138775, EPI_ISL_1138776, EPI_ISL_1138777, EPI_ISL_1138778, EPI_ISL_1138779, EPI_ISL_1138780, EPI_ISL_1138781, EPI_ISL_1138782, EPI_ISL_1138783, EPI_ISL_1138784, EPI_ISL_1138785, EPI_ISL_1138786, EPI_ISL_1138787, EPI_ISL_1138789, EPI_ISL_1138790, EPI_ISL_1138791, EPI_ISL_1138792, EPI_ISL_1138793, EPI_ISL_1138795, EPI_ISL_1138796, EPI_ISL_1138797, EPI_ISL_1138798, EPI_ISL_1138799, EPI_ISL_1138800, EPI_ISL_1138801, EPI_ISL_1138802, EPI_ISL_1138803, EPI_ISL_1138804, EPI_ISL_1138805, EPI_ISL_1138806, EPI_ISL_1138807, EPI_ISL_1138808, EPI_ISL_1138809, EPI_ISL_1138811, EPI_ISL_1138812, EPI_ISL_1138813, EPI_ISL_1138814, EPI_ISL_1138815, EPI_ISL_1138816, EPI_ISL_1138817, EPI_ISL_1138818, EPI_ISL_1138819, EPI_ISL_1138820, EPI_ISL_1138821, EPI_ISL_1138822, EPI_ISL_1138823, EPI_ISL_1138824, EPI_ISL_1138825, EPI_ISL_1138826, EPI_ISL_1138827			
see above	Centro Hospitalar do Baixo Vouga (CHBV)	Institute of Biomedicine (IBIMED), Universidade de Aveiro	Gabriela Moura, Sofia Marques, Patrícia Arinto, Miguel Pinheiro and Manuel Santos
EPI_ISL_1138884	Jessa	Jessa	Cruys et al. on behalf of the Jessa_cmdLab
EPI_ISL_1138888	AZV	Jessa	Cruys et al. on behalf of the Jessa_cmdLab
EPI_ISL_1138899	Laboratory for HIV and opportunistic infections diagnosis The Republican Research and Practical Center for Epidemiology and Microbiology (RRPCEM)	Laboratory for HIV and opportunistic infections diagnosis The Republican Research and Practical Center for Epidemiology and Microbiology (RRPCEM)	Elena Gasich, Kirill Bulda, Artur Akhremchuk, Leonid Valentovich, Anatoly Krasko, Vladimir Gorbunov
EPI_ISL_1138941, EPI_ISL_1138942, EPI_ISL_1138943	Division of Emerging Infectious Diseases, Bureau of Infectious Diseases Diagnosis Control, Korea Disease Control and Prevention Agency	Division of Emerging Infectious Diseases, Bureau of Infectious Diseases Diagnosis Control, Korea Disease Control and Prevention Agency	Ae Kyung Park, Il-Hwan Kim, Heui Man Kim, Jeong-Min Kim, Namjoo Lee, Chae Young Lee, Sang Hee Woo, Eun-Jin Kim
EPI_ISL_1138969	Laboratory for HIV and opportunistic infections diagnosis The Republican Research and Practical Center for Epidemiology and Microbiology (RRPCEM)	Laboratory for HIV and opportunistic infections diagnosis The Republican Research and Practical Center for Epidemiology and Microbiology (RRPCEM)	Elena Gasich, Kirill Bulda, Artur Akhremchuk, Leonid Valentovich, Analoly Krasko, Vladimir Gorbunov
EPI_ISL_1138983	Laboratory for HIV and opportunistic infections diagnosis The Republican Research and Practical Center for Epidemiology and Microbiology (RRPCEM)	Laboratory for HIV and opportunistic infections diagnosis The Republican Research and Practical Center for Epidemiology and Microbiology (RRPCEM)	Elena Gasich, Kirill Bulda, Artur Akhremchuk, Leonid Valentovich, Anatoly Krasko, Vladimir Gorbunov
EPI_ISL_1139059	LACEN do Mato Grosso do Sul	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valesa Ramos Gomes, Karoline Rodrigues Campos, Caio Vinicius Dias Lopes
EPI_ISL_1139146, EPI_ISL_1139147	National Center of Disease Control and Prevention of the Republic of Armenia	Institute of Molecular Biology NAS RA, Republic of Armenia, Department of Bioengineering, BioinformaticsInstitute and Molecular Biology IBMPH RAU, Republic of Armenia	Zaven Karalyan, Arsen Arakelyan, Diana Avetyan, Siras Hakobyan, Gisane Khachatyan, Maria Nikoghosyan, Tamara Sirunyan, Nelli Muradyan, Andranik Chavushyan, Hovsep Ghazaryan, Roksana Zakharyan, Shushan Sargsryan, Gayane Melik-Pashayan
EPI_ISL_1139148, EPI_ISL_1139149, EPI_ISL_1139150, EPI_ISL_1139151, EPI_ISL_1139152, EPI_ISL_1139153, EPI_ISL_1139154, EPI_ISL_1139155, EPI_ISL_1139156, EPI_ISL_1139157	National Center of Disease Control and Prevention of the Republic of Armenia	Institute of Molecular Biology NAS RA, Republic of Armenia, Department of Bioengineering, BioinformaticsInstitute and Molecular Biology IBMPH RAU, Republic of Armenia	Arsen Arakelyan, Diana Avetyan, Siras Hakobyan, Gisane Khachatyan, Maria Nikoghosyan, Tamara Sirunyan, Nelli Muradyan, Andranik Chavushyan, Hovsep Ghazaryan, Roksana Zakharyan, Shushan Sargsryan, Gayane Melik-Pashayan
EPI_ISL_1140095	Lithuanian University of Health Sciences Hospital, Department of Laboratory Medicine	Lithuanian University of Health Sciences Hospital, Department of Genetics and Molecular Medicine	Rasa Ugenskien, Darius ereškevius, Inga Nasvytien, Živil Žemeckien, Mantas Šarauskas, Marius Šukys, Astra Vitkauskien, Renaldas Jurkevilius
EPI_ISL_1140179	Labor Dr. Wisplinghoff - Berlin	Robert Koch Institute	unknown
EPI_ISL_1140479	MVZ Laborärzte Singen Labor Blessing	Robert Koch Institute	unknown
EPI_ISL_1140481, EPI_ISL_1140482, EPI_ISL_1140483, EPI_ISL_1140484	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1140511, EPI_ISL_1140517, EPI_ISL_1140518	Institut für Virologie des Universitätsklinikums Tübingen	Robert Koch Institute	unknown
EPI_ISL_1140540, EPI_ISL_1140541, EPI_ISL_1140542, EPI_ISL_1140543, EPI_ISL_1140544, EPI_ISL_1140545, EPI_ISL_1140546, EPI_ISL_1140547, EPI_ISL_1140548, EPI_ISL_1140549, EPI_ISL_1140550, EPI_ISL_1140551			
see above	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1140572, EPI_ISL_1140590, EPI_ISL_1140591, EPI_ISL_1140600, EPI_ISL_1140602, EPI_ISL_1140605, EPI_ISL_1140640, EPI_ISL_1140642, EPI_ISL_1140643, EPI_ISL_1140648, EPI_ISL_1140649, EPI_ISL_1140652, EPI_ISL_1140657, EPI_ISL_1140660			
see above	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1140667	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1140669, EPI_ISL_1140676, EPI_ISL_1140689, EPI_ISL_1140690, EPI_ISL_1140701, EPI_ISL_1140704, EPI_ISL_1140705, EPI_ISL_1140707, EPI_ISL_1140709, EPI_ISL_1140710, EPI_ISL_1140716, EPI_ISL_1140720, EPI_ISL_1140725, EPI_ISL_1140736			
see above	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1140754	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1140756, EPI_ISL_1140757, EPI_ISL_1140764, EPI_ISL_1140768, EPI_ISL_1140776, EPI_ISL_1140780, EPI_ISL_1140781	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1140795	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1140798, EPI_ISL_1140800, EPI_ISL_1140802, EPI_ISL_1140805, EPI_ISL_1140808, EPI_ISL_1140813, EPI_ISL_1140815, EPI_ISL_1140816, EPI_ISL_1140818, EPI_ISL_1140823, EPI_ISL_1140830, EPI_ISL_1140832, EPI_ISL_1140834			
see above	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1140839, EPI_ISL_1140840, EPI_ISL_1140841, EPI_ISL_1140869, EPI_ISL_1140882, EPI_ISL_1140885, EPI_ISL_1140888, EPI_ISL_1140900, EPI_ISL_1140998	Labor Dr. Wisplinghoff - Berlin	Robert Koch Institute	unknown
EPI_ISL_1141010	Labor Kneißler GmbH & Co. KG	Robert Koch Institute	unknown
EPI_ISL_1141011, EPI_ISL_1141012	Universitätsklinikum Schleswig-Holstein (standortübergreifend inkl. Kiel) - Institut für Klinische Chemie und Laboratoriumsdiagnostik	Robert Koch Institute	unknown
EPI_ISL_1141016	Labor Kneißler GmbH & Co. KG	Robert Koch Institute	unknown
EPI_ISL_1141141, EPI_ISL_1141142, EPI_ISL_1141145, EPI_ISL_1141146, EPI_ISL_1141149, EPI_ISL_1141150,	Herz- und Diabeteszentrum NRW: Universitätsklinik der Ruhr-Universität Bochum --> Institut für Laboratoriums- und Transfusionsmedizin	Robert Koch Institute	unknown



EPI_ISL_1141151, EPI_ISL_1141152			
EPI_ISL_1141156, EPI_ISL_1141158, EPI_ISL_1141159, EPI_ISL_1141161	Uniklinikum Jena	Robert Koch Institute	unknown
EPI_ISL_1141166, EPI_ISL_1141167, EPI_ISL_1141168, EPI_ISL_1141169	Thüringer Landesamtes für Verbraucherschutz	Robert Koch Institute	unknown
EPI_ISL_1141170, EPI_ISL_1141171	Uniklinikum Jena	Robert Koch Institute	unknown
EPI_ISL_1141173	Thüringer Landesamtes für Verbraucherschutz	Robert Koch Institute	unknown
EPI_ISL_1141175, EPI_ISL_1141176, EPI_ISL_1141179, EPI_ISL_1141183, EPI_ISL_1141186, EPI_ISL_1141188, EPI_ISL_1141189, EPI_ISL_1141190, EPI_ISL_1141193, EPI_ISL_1141194	MVZ Labor Dr. Limbach & Kollegen GbR	Robert Koch Institute	unknown
EPI_ISL_1141236, EPI_ISL_1141247, EPI_ISL_1141250, EPI_ISL_1141261, EPI_ISL_1141262	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1141263	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1141281, EPI_ISL_1141282	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1141284	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1141295, EPI_ISL_1141301, EPI_ISL_1141307, EPI_ISL_1141344, EPI_ISL_1141345, EPI_ISL_1141347, EPI_ISL_1141349, EPI_ISL_1141371, EPI_ISL_1141409, EPI_ISL_1141419, EPI_ISL_1141435, EPI_ISL_1141444, EPI_ISL_1141451, EPI_ISL_1141453			
see above	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1141454	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1141469, EPI_ISL_1141476	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1141477	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1141497, EPI_ISL_1141509, EPI_ISL_1141510, EPI_ISL_1141515, EPI_ISL_1141517	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1141523	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1141527, EPI_ISL_1141541, EPI_ISL_1141542, EPI_ISL_1141545, EPI_ISL_1141556, EPI_ISL_1141564, EPI_ISL_1141578, EPI_ISL_1141589, EPI_ISL_1141594, EPI_ISL_1141597, EPI_ISL_1141600, EPI_ISL_1141603, EPI_ISL_1141608, EPI_ISL_1141611			
see above	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1141615, EPI_ISL_1141620, EPI_ISL_1141624, EPI_ISL_1141625	Herz- und Diabeteszentrum NRW: Universitätsklinik der Ruhr-Universität Bochum --> Institut für Laboratoriums- und Transfusionsmedizin	Robert Koch Institute	unknown
EPI_ISL_1141627, EPI_ISL_1141630, EPI_ISL_1141631, EPI_ISL_1141632, EPI_ISL_1141634, EPI_ISL_1141635, EPI_ISL_1141636, EPI_ISL_1141637, EPI_ISL_1141639, EPI_ISL_1141640, EPI_ISL_1141641, EPI_ISL_1141642, EPI_ISL_1141643, EPI_ISL_1141644, EPI_ISL_1141645, EPI_ISL_1141646, EPI_ISL_1141647, EPI_ISL_1141648, EPI_ISL_1141651, EPI_ISL_1141653			
see above	Institut für Virologie des Universitätsklinikums Tübingen	Robert Koch Institute	unknown
EPI_ISL_1141654, EPI_ISL_1141655	IMD - Institut für Medizinische Diagnostik Berlin-Potsdam	Robert Koch Institute	unknown
EPI_ISL_1141656, EPI_ISL_1141657, EPI_ISL_1141658	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1141659, EPI_ISL_1141661, EPI_ISL_1141662, EPI_ISL_1141663, EPI_ISL_1141665, EPI_ISL_1141666, EPI_ISL_1141667, EPI_ISL_1141669, EPI_ISL_1141673, EPI_ISL_1141677, EPI_ISL_1141678, EPI_ISL_1141679, EPI_ISL_1141684, EPI_ISL_1141688, EPI_ISL_1141689, EPI_ISL_1141690, EPI_ISL_1141696, EPI_ISL_1141698, EPI_ISL_1141699, EPI_ISL_1141700			
see above	MVZ Labor Dr. Limbach & Kollegen GbR	Robert Koch Institute	unknown
EPI_ISL_1141732	LADR Zentrallabor DR. Kramer & Kollegen Geesthacht	Robert Koch Institute	unknown
EPI_ISL_1141941, EPI_ISL_1141942, EPI_ISL_1141945, EPI_ISL_1141949, EPI_ISL_1141952, EPI_ISL_1141956, EPI_ISL_1141957, EPI_ISL_1141969, EPI_ISL_1141970, EPI_ISL_1141972, EPI_ISL_1141974, EPI_ISL_1141975, EPI_ISL_1141977, EPI_ISL_1141978, EPI_ISL_1141982, EPI_ISL_1142000, EPI_ISL_1142009, EPI_ISL_1142013, EPI_ISL_1142016, EPI_ISL_1142018, EPI_ISL_1142019, EPI_ISL_1142029, EPI_ISL_1142031, EPI_ISL_1142039, EPI_ISL_1142049, EPI_ISL_1142050, EPI_ISL_1142051, EPI_ISL_1142054, EPI_ISL_1142055, EPI_ISL_1142057, EPI_ISL_1142058, EPI_ISL_1142060, EPI_ISL_1142064, EPI_ISL_1142065, EPI_ISL_1142073, EPI_ISL_1142074, EPI_ISL_1142075, EPI_ISL_1142077, EPI_ISL_1142079, EPI_ISL_1142080			
see above	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1142082, EPI_ISL_1142084, EPI_ISL_1142086, EPI_ISL_1142088, EPI_ISL_1142090, EPI_ISL_1142093	Uniklinikum Carl Gustav Carus an der TU Dresden; Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1142103, EPI_ISL_1142104, EPI_ISL_1142107, EPI_ISL_1142109, EPI_ISL_1142147, EPI_ISL_1142155, EPI_ISL_1142160, EPI_ISL_1142177	Limbach - MVZ Labor Dr. Volkmann & Kollegen	Robert Koch Institute	unknown
EPI_ISL_1142253	Diagnosticum - Labor Neukirchen	Robert Koch Institute	unknown
EPI_ISL_1142259, EPI_ISL_1142264, EPI_ISL_1142268, EPI_ISL_1142269, EPI_ISL_1142271, EPI_ISL_1142273	MVZ Dr. Eberhard & Partner Dortmund	Robert Koch Institute	unknown
EPI_ISL_1142275	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1142276	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1142279, EPI_ISL_1142282	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1142283	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1142285, EPI_ISL_1142286, EPI_ISL_1142287	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1142288	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1142290, EPI_ISL_1142296, EPI_ISL_1142301	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1142308	Bioscientia MVZ Labor Karlsruhe GmbH	Robert Koch Institute	unknown

EPI_ISL_1142311	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1142312	LabKom - Labor Hannover MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1142317	LabKom - Labor Mainz MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1142318, EPI_ISL_1142322	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1142329	Bioscientia MVZ Labor Karlsruhe GmbH	Robert Koch Institute	unknown
EPI_ISL_1142332	LabKom - Labor Hamburg-Lübeck	Robert Koch Institute	unknown
EPI_ISL_1142333	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1142338	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1142341	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1142345	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1142346	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1142349	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1142354	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1142355	Bioscientia MVZ Labor Karlsruhe GmbH	Robert Koch Institute	unknown
EPI_ISL_1142358	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1142359	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1142360	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1142361	LabKom - Labor Mainz MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1142363	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1142365	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1142367	LabKom - Labor Mainz MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1142368	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1142369	Bioscientia MVZ Labor Karlsruhe GmbH	Robert Koch Institute	unknown
EPI_ISL_1142375	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1142376	LabKom - Labor Mainz MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1142382	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1142386	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1142389	LabKom - Labor Mainz MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1142391, EPI_ISL_1142401	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1142413, EPI_ISL_1142414	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1142415	LabKom - Labor Mainz MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1142417, EPI_ISL_1142422	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1142424	LabKom - Labor Mainz MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1142426, EPI_ISL_1142427	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1142428	Bioscientia MVZ Labor Karlsruhe GmbH	Robert Koch Institute	unknown
EPI_ISL_1142439	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1142445	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1142452	Bioscientia MVZ Labor Karlsruhe GmbH	Robert Koch Institute	unknown
EPI_ISL_1142455	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1142456, EPI_ISL_1142457, EPI_ISL_1142458	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1142459, EPI_ISL_1142461	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1142468	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1142469	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1142470	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1142473	LabKom - Labor Mainz MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1142476	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1142479	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1142480	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1142482	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1142484, EPI_ISL_1142486	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1142490	LabKom - Labor Hamburg-Lübeck	Robert Koch Institute	unknown
EPI_ISL_1142495	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1142496	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1142501	LabKom - Labor Mainz MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1142503	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1142505	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1142506	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1142509	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown

EPI_ISL_1142510	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1142511	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1142514	Bioscientia MVZ Labor Karlsruhe GmbH	Robert Koch Institute	unknown
EPI_ISL_1142518	LabKom - Labor Hannover MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1142522	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1142527, EPI_ISL_1142528, EPI_ISL_1142536, EPI_ISL_1142537, EPI_ISL_1142540, EPI_ISL_1142541, EPI_ISL_1142559	Med. Labor Prof. Schenk Dr. Ansorge & Kollegen	Robert Koch Institute	unknown
EPI_ISL_1142566, EPI_ISL_1142567, EPI_ISL_1142568, EPI_ISL_1142571, EPI_ISL_1142572, EPI_ISL_1142574, EPI_ISL_1142576, EPI_ISL_1142577, EPI_ISL_1142578, EPI_ISL_1142579	Uniklinikum Regensburg; Institut für Mikrobiologie	Robert Koch Institute	unknown
EPI_ISL_1142723, EPI_ISL_1142726, EPI_ISL_1142727	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1142728, EPI_ISL_1142729, EPI_ISL_1142743	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1142745, EPI_ISL_1142751	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1142752, EPI_ISL_1142764	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1142774	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1142778	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1142781	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1142793	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1142794, EPI_ISL_1142797	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1142800, EPI_ISL_1142801	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1142805, EPI_ISL_1142809, EPI_ISL_1142814	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1142816	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1142823	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1142825	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1142831	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1142832	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1142834	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1142835	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1142838	LabKom - Labor Mainz MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1142840	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1142846, EPI_ISL_1142850	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1142851	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1142852	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1142853, EPI_ISL_1142854	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1142855	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1142857	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1142859, EPI_ISL_1142867	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1142870	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1142880, EPI_ISL_1142885, EPI_ISL_1142887	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1142892	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1142900	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1142905	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1142906	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1142908	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1142911, EPI_ISL_1142913	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1142918	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1142919, EPI_ISL_1142922	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1142923	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1142926, EPI_ISL_1142933	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1142936	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1142937	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1142938	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1142950	LabKom - Labor Augsburg MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1142951	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown

EPI_ISL_1142954	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1142960	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1142964	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1142969	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1142977, EPI_ISL_1142990, EPI_ISL_1142995, EPI_ISL_1143006	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1143021	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1143022, EPI_ISL_1143032	LabKom - Labor Hannover MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1143041	Labor 28 MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1143045	Bioscientia MVZ Labor Karlsruhe GmbH	Robert Koch Institute	unknown
EPI_ISL_1143054	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1143056	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1143060	Bioscientia MVZ Labor Karlsruhe GmbH	Robert Koch Institute	unknown
EPI_ISL_1143064, EPI_ISL_1143065	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1143066	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1143069, EPI_ISL_1143070	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1143072	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1143073, EPI_ISL_1143074, EPI_ISL_1143075, EPI_ISL_1143076	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1143084	LabKom - Labor Hamburg-Lübeck	Robert Koch Institute	unknown
EPI_ISL_1143086	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1143092	Labor 28 MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1143095, EPI_ISL_1143108, EPI_ISL_1143112	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1143118	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1143121	Sonic - Bioscientia - MVZ Labor Saar GmbH	Robert Koch Institute	unknown
EPI_ISL_1143123	Labor 28 MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1143125	Bioscientia MVZ Labor Karlsruhe GmbH	Robert Koch Institute	unknown
EPI_ISL_1143138	Sonic - Bioscientia - MVZ Labor Saar GmbH	Robert Koch Institute	unknown
EPI_ISL_1143139, EPI_ISL_1143142, EPI_ISL_1143156	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1143161	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1143164, EPI_ISL_1143167	LabKom - Labor Mainz MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1143185	Bioscientia MVZ Labor Karlsruhe GmbH	Robert Koch Institute	unknown
EPI_ISL_1143187	LabKom - Labor Mainz MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1143189	Sonic - Bioscientia - MVZ Labor Saar GmbH	Robert Koch Institute	unknown
EPI_ISL_1143196, EPI_ISL_1143203	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1143204	Sonic - Labor Staber Bayreuth	Robert Koch Institute	unknown
EPI_ISL_1143205	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1143206	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	unknown
EPI_ISL_1143221	LabKom - Labor Mainz MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1143222	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1143223	LabKom - Labor Mainz MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1143229	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1143232	Labor 28 MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1143236	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1143240	Sonic - Labor Dr. von Foreich GmbH	Robert Koch Institute	unknown
EPI_ISL_1143247	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1143249, EPI_ISL_1143256, EPI_ISL_1143261	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1143270	LabKom - MVZ Labor Bochum MLB GmbH	Robert Koch Institute	unknown
EPI_ISL_1143280	Sonic - Bioscientia - MVZ Labor Saar GmbH	Robert Koch Institute	unknown
EPI_ISL_1143281	Labor 28 MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1143282	Sonic - Labor Staber Bayreuth	Robert Koch Institute	unknown
EPI_ISL_1143289	LabKom - Labor Mainz MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1143292, EPI_ISL_1143295	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1143299	Sonic - Labor Staber Bayreuth	Robert Koch Institute	unknown
EPI_ISL_1143444	MVZ Labor Dr. Fenner und Kollegen (Standort Hamburg)	Robert Koch Institute	unknown
EPI_ISL_1143448	IMD - MVZ Labor Greifswald	Robert Koch Institute	unknown

EPI\_ISL\_1143449, EPI\_ISL\_1143450, EPI\_ISL\_1143451, EPI\_ISL\_1143452, EPI\_ISL\_1143453, EPI\_ISL\_1143454, EPI\_ISL\_1143456, EPI\_ISL\_1143457, EPI\_ISL\_1143458, EPI\_ISL\_1143459, EPI\_ISL\_1143460, EPI\_ISL\_1143462, EPI\_ISL\_1143464, EPI\_ISL\_1143465, EPI\_ISL\_1143466, EPI\_ISL\_1143467, EPI\_ISL\_1143469

see above	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1143471	IMD - Institut für Medizinische Diagnostik Berlin-Potsdam	Robert Koch Institute	unknown
EPI_ISL_1143472, EPI_ISL_1143474, EPI_ISL_1143476, EPI_ISL_1143477, EPI_ISL_1143478, EPI_ISL_1143480, EPI_ISL_1143482, EPI_ISL_1143483, EPI_ISL_1143484, EPI_ISL_1143486, EPI_ISL_1143487			
see above	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1143488, EPI_ISL_1143489	IMD - MVZ Labor Greifswald	Robert Koch Institute	unknown
EPI_ISL_1143490	IMD - Institut für Medizinische Diagnostik Berlin-Potsdam	Robert Koch Institute	unknown
EPI_ISL_1143491, EPI_ISL_1143492, EPI_ISL_1143494, EPI_ISL_1143495, EPI_ISL_1143496, EPI_ISL_1143497, EPI_ISL_1143498, EPI_ISL_1143499, EPI_ISL_1143500, EPI_ISL_1143502, EPI_ISL_1143504, EPI_ISL_1143505, EPI_ISL_1143507, EPI_ISL_1143508, EPI_ISL_1143509, EPI_ISL_1143510, EPI_ISL_1143511, EPI_ISL_1143512, EPI_ISL_1143513, EPI_ISL_1143514, EPI_ISL_1143515, EPI_ISL_1143517			
see above	IMD - MVZ Labor Greifswald	Robert Koch Institute	unknown
EPI_ISL_1143518	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1143519, EPI_ISL_1143520, EPI_ISL_1143521	IMD - MVZ Labor Greifswald	Robert Koch Institute	unknown
EPI_ISL_1143522	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1143523, EPI_ISL_1143524	IMD - MVZ Labor Greifswald	Robert Koch Institute	unknown
EPI_ISL_1143525, EPI_ISL_1143527	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1143528, EPI_ISL_1143529, EPI_ISL_1143530, EPI_ISL_1143531	IMD - MVZ Labor Greifswald	Robert Koch Institute	unknown
EPI_ISL_1143532	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1143533, EPI_ISL_1143534, EPI_ISL_1143535, EPI_ISL_1143536, EPI_ISL_1143537	IMD - Institut für Medizinische Diagnostik Berlin-Potsdam	Robert Koch Institute	unknown
EPI_ISL_1143538	IMD - Medizinisches Labor Rostock	Robert Koch Institute	unknown
EPI_ISL_1143539	IMD - Institut für Medizinische Diagnostik Berlin-Potsdam	Robert Koch Institute	unknown
EPI_ISL_1143540, EPI_ISL_1143541	IMD - Medizinisches Labor Rostock	Robert Koch Institute	unknown
EPI_ISL_1143542, EPI_ISL_1143543	IMD - MVZ Labor Greifswald	Robert Koch Institute	unknown
EPI_ISL_1143545	IMD - Medizinisches Labor Rostock	Robert Koch Institute	unknown
EPI_ISL_1143546, EPI_ISL_1143547, EPI_ISL_1143548, EPI_ISL_1143549, EPI_ISL_1143550	IMD - Institut für Medizinische Diagnostik Berlin-Potsdam	Robert Koch Institute	unknown
EPI_ISL_1143551	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1143552	IMD - MVZ Labor Greifswald	Robert Koch Institute	unknown
EPI_ISL_1143553	IMD - Institut für Medizinische Diagnostik Berlin-Potsdam	Robert Koch Institute	unknown
EPI_ISL_1143554	IMD - Medizinisches Labor Rostock	Robert Koch Institute	unknown
EPI_ISL_1143743	Bayerisches Landesamt für Gesundheit und Lebensmittelsicherheit (LGL)	Robert Koch Institute	unknown
EPI_ISL_1143916, EPI_ISL_1143917, EPI_ISL_1143918	Uniklinikum Regensburg; Institut für Mikrobiologie	Robert Koch Institute	unknown
EPI_ISL_1143933, EPI_ISL_1143938	Thüringer Landesamtes für Verbraucherschutz	Robert Koch Institute	unknown
EPI_ISL_1143951	Bayerisches Landesamt für Gesundheit und Lebensmittelsicherheit (LGL)	Robert Koch Institute	unknown
EPI_ISL_1144166	Limbach - MVZ Humangenetik Ulm	Robert Koch Institute	unknown
EPI_ISL_1144220	MVZ Labor Dr. Limbach & Kollegen GbR	Robert Koch Institute	unknown
EPI_ISL_1144228, EPI_ISL_1144229, EPI_ISL_1144231, EPI_ISL_1144233, EPI_ISL_1144235, EPI_ISL_1144237, EPI_ISL_1144239, EPI_ISL_1144242, EPI_ISL_1144244, EPI_ISL_1144245, EPI_ISL_1144247, EPI_ISL_1144248, EPI_ISL_1144249			
see above	Dianovis GmbH Greiz	Robert Koch Institute	unknown
EPI_ISL_1144257, EPI_ISL_1144258, EPI_ISL_1144288	Limbach - MVZ Humangenetik Ulm	Robert Koch Institute	unknown
EPI_ISL_1144306	Labor Blackholm MVZ	Robert Koch Institute	unknown
EPI_ISL_1144358, EPI_ISL_1144359, EPI_ISL_1144360, EPI_ISL_1144361, EPI_ISL_1144362, EPI_ISL_1144389, EPI_ISL_1144393, EPI_ISL_1144394	Limbach - MVZ Humangenetik Ulm	Robert Koch Institute	unknown
EPI_ISL_1144395, EPI_ISL_1144399, EPI_ISL_1144401, EPI_ISL_1144402, EPI_ISL_1144405, EPI_ISL_1144408, EPI_ISL_1144409, EPI_ISL_1144410, EPI_ISL_1144411, EPI_ISL_1144413	Universitätsklinikum Essen	Robert Koch Institute	unknown
EPI_ISL_1144682, EPI_ISL_1144683, EPI_ISL_1144685, EPI_ISL_1144686, EPI_ISL_1144687, EPI_ISL_1144688, EPI_ISL_1144689, EPI_ISL_1144690, EPI_ISL_1144691, EPI_ISL_1144692, EPI_ISL_1144693, EPI_ISL_1144694, EPI_ISL_1144696, EPI_ISL_1144697, EPI_ISL_1144698, EPI_ISL_1144785, EPI_ISL_1144786, EPI_ISL_1144787, EPI_ISL_1144788, EPI_ISL_1144789, EPI_ISL_1144790, EPI_ISL_1144791, EPI_ISL_1144792, EPI_ISL_1144793, EPI_ISL_1144794, EPI_ISL_1144795, EPI_ISL_1144796, EPI_ISL_1144797, EPI_ISL_1144798, EPI_ISL_1144799, EPI_ISL_1144800, EPI_ISL_1144801, EPI_ISL_1144802			
see above	Limbach - MVZ Humangenetik Ulm	Robert Koch Institute	unknown
EPI_ISL_1144804, EPI_ISL_1144805, EPI_ISL_1144808, EPI_ISL_1144809, EPI_ISL_1144810, EPI_ISL_1144811, EPI_ISL_1144813	Herz- und Diabeteszentrum NRW: Universitätsklinik der Ruhr-Universität Bochum --> Institut für Laboratoriums- und Transfusionsmedizin	Robert Koch Institute	unknown
EPI_ISL_1144817, EPI_ISL_1144818, EPI_ISL_1144890, EPI_ISL_1144891, EPI_ISL_1144892, EPI_ISL_1144894, EPI_ISL_1144895	Limbach - MVZ Humangenetik Ulm	Robert Koch Institute	unknown

EPI_ISL_1144907, EPI_ISL_1144908, EPI_ISL_1144909, EPI_ISL_1144910, EPI_ISL_1144911, EPI_ISL_1144912	Labor Dr. Heidrich & Kollegen MVZ GmbH Hamburg	Robert Koch Institute	unknown
EPI_ISL_1144941, EPI_ISL_1144945, EPI_ISL_1144946, EPI_ISL_1144947, EPI_ISL_1144949, EPI_ISL_1144953, EPI_ISL_1144954	Medizinische Hochschule Hannover Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1145027, EPI_ISL_1145052, EPI_ISL_1145098, EPI_ISL_1145133, EPI_ISL_1145173, EPI_ISL_1145195	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1145280	Philipps-Universität Marburg Fachbereich Medizin Institut für Virologie	Robert Koch Institute	unknown
EPI_ISL_1145433, EPI_ISL_1145446, EPI_ISL_1145447, EPI_ISL_1145456, EPI_ISL_1145461, EPI_ISL_1145464, EPI_ISL_1145468, EPI_ISL_1145472, EPI_ISL_1145476, EPI_ISL_1145477, EPI_ISL_1145480, EPI_ISL_1145484, EPI_ISL_1145697			
see above	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1145703	Praxisgemeinschaft für Laboratoriumsmedizin Labor Blumenstraße; Praxis Dr. Sel und Dr. Späte	Robert Koch Institute	unknown
EPI_ISL_1145711, EPI_ISL_1145712, EPI_ISL_1145720	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1145721	Praxisgemeinschaft für Laboratoriumsmedizin Labor Blumenstraße; Praxis Dr. Sel und Dr. Späte	Robert Koch Institute	unknown
EPI_ISL_1145730, EPI_ISL_1145733, EPI_ISL_1145741, EPI_ISL_1145744, EPI_ISL_1145747, EPI_ISL_1145749, EPI_ISL_1145752, EPI_ISL_1145755, EPI_ISL_1145757, EPI_ISL_1145765, EPI_ISL_1145772, EPI_ISL_1145777, EPI_ISL_1145784, EPI_ISL_1145788, EPI_ISL_1145794, EPI_ISL_1145801, EPI_ISL_1145806			
see above	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1145810	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1145814, EPI_ISL_1145822	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1145825	Praxisgemeinschaft für Laboratoriumsmedizin Labor Blumenstraße; Praxis Dr. Sel und Dr. Späte	Robert Koch Institute	unknown
EPI_ISL_1145827, EPI_ISL_1145831, EPI_ISL_1145832, EPI_ISL_1145834, EPI_ISL_1145844, EPI_ISL_1145845, EPI_ISL_1145847, EPI_ISL_1145857	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1145859	Medizinisches Zentrallabor Altenburg GmbH & Co.KG	Robert Koch Institute	unknown
EPI_ISL_1145866, EPI_ISL_1145867, EPI_ISL_1145875, EPI_ISL_1145880, EPI_ISL_1145881, EPI_ISL_1145882, EPI_ISL_1145885, EPI_ISL_1145893, EPI_ISL_1145895, EPI_ISL_1145900, EPI_ISL_1145901, EPI_ISL_1145903, EPI_ISL_1145905, EPI_ISL_1145908, EPI_ISL_1145909			
see above	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1145980	Sonic - Labor Staber Dresden (Klipphausen)	Robert Koch Institute	unknown
EPI_ISL_1146000	LabKom - Labor an der Salzbrücke MVZ GmbH	Robert Koch Institute	unknown
EPI_ISL_1146800	Universitätsklinikum Leipzig - Institut für Medizinische Mikrobiologie und Virologie virologisches Labor	Robert Koch Institute	unknown
EPI_ISL_1146985	Limbach - MVZ Humangenetik Ulm	Robert Koch Institute	unknown
EPI_ISL_1147265, EPI_ISL_1147266	Corona-Testzentrum ifp Institut für Produktqualität GmbH	Robert Koch Institute	unknown
EPI_ISL_1147289, EPI_ISL_1147310, EPI_ISL_1147331	MVZ Labor Dr. Limbach & Kollegen GbR	Robert Koch Institute	unknown
EPI_ISL_1147515, EPI_ISL_1147520	IMD - Labor Oderland	Robert Koch Institute	unknown
EPI_ISL_1147565, EPI_ISL_1147566, EPI_ISL_1147567, EPI_ISL_1147568, EPI_ISL_1147570, EPI_ISL_1147571, EPI_ISL_1147572, EPI_ISL_1147573, EPI_ISL_1147574, EPI_ISL_1147576, EPI_ISL_1147577			
see above	LADR MVZ Zweigpraxis Bernau	Robert Koch Institute	unknown
EPI_ISL_1147701	amedes MVZ DIAMEDIS Sennestadt	Robert Koch Institute	unknown
EPI_ISL_1152633	SYNLAB MVZ Leverkusen	Robert Koch Institute	unknown
EPI_ISL_1153290	Sonic - Labor Staber Dresden (Klipphausen)	Robert Koch Institute	unknown
EPI_ISL_1154753	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1154781	Bioscientia MVZ Labor Karlsruhe GmbH	Robert Koch Institute	unknown
EPI_ISL_1154969	Bioscientia Labor Wermsdorf	Robert Koch Institute	unknown
EPI_ISL_1155702, EPI_ISL_1155708	BIOMNIS LYON	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_1157004, EPI_ISL_1157035, EPI_ISL_1157038, EPI_ISL_1157040, EPI_ISL_1157042, EPI_ISL_1157043, EPI_ISL_1157045	Virginia Division of Consolidated Laboratory Services	Virginia Division of Consolidated Laboratory Services	Virginia DCLS
EPI_ISL_1157144, EPI_ISL_1157145, EPI_ISL_1157146, EPI_ISL_1157147, EPI_ISL_1157148, EPI_ISL_1157149, EPI_ISL_1157150, EPI_ISL_1157151, EPI_ISL_1157152, EPI_ISL_1157153, EPI_ISL_1157154, EPI_ISL_1157156, EPI_ISL_1157159, EPI_ISL_1157160, EPI_ISL_1157161, EPI_ISL_1157162, EPI_ISL_1157164, EPI_ISL_1157166			
see above	Landesgesundheitsamt Baden-Württemberg	Robert Koch Institute	unknown
EPI_ISL_1157401, EPI_ISL_1157402, EPI_ISL_1157404, EPI_ISL_1157406, EPI_ISL_1157423, EPI_ISL_1157429, EPI_ISL_1157430, EPI_ISL_1157432, EPI_ISL_1157436, EPI_ISL_1157437, EPI_ISL_1157439, EPI_ISL_1157441, EPI_ISL_1157443, EPI_ISL_1157444, EPI_ISL_1157448, EPI_ISL_1157450, EPI_ISL_1157452, EPI_ISL_1157454, EPI_ISL_1157459, EPI_ISL_1157461, EPI_ISL_1157462, EPI_ISL_1157464, EPI_ISL_1157466, EPI_ISL_1157470, EPI_ISL_1157472, EPI_ISL_1157476, EPI_ISL_1157477, EPI_ISL_1157479, EPI_ISL_1157481, EPI_ISL_1157482, EPI_ISL_1157484, EPI_ISL_1157486, EPI_ISL_1157489, EPI_ISL_1157491, EPI_ISL_1157493, EPI_ISL_1157494, EPI_ISL_1157496, EPI_ISL_1157498, EPI_ISL_1157500, EPI_ISL_1157502, EPI_ISL_1157503, EPI_ISL_1157505, EPI_ISL_1157507, EPI_ISL_1157509, EPI_ISL_1157510, EPI_ISL_1157517, EPI_ISL_1157519, EPI_ISL_1157520, EPI_ISL_1157522, EPI_ISL_1157524, EPI_ISL_1157525, EPI_ISL_1157529, EPI_ISL_1157530, EPI_ISL_1157532, EPI_ISL_1157534, EPI_ISL_1157536, EPI_ISL_1157537, EPI_ISL_1157539, EPI_ISL_1157541			
see above	Northwestern Memorial Hospital	Northwestern University - Ozer Lab	Ramon Lorenzo-Redondo, Lacy M. Simons, Taylor J. Dean, Chad J. Achenbach, Lawrence J. Jennings, Chao Qi, Michael G. Ison, Judd F. Hultquist, Egon A. Ozer
EPI_ISL_1159139	HOSPITAL COMARCAL DE MELILLA	Instituto de Salud Carlos III	Vázquez-Morón, S. Iglesias-Caballero, M. Sandonís, V. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I.ROMAN SOTO, SERGIO
EPI_ISL_1159150	HOSPITAL UNIVERSITARIO VIRGEN DE LA ARRIXACA	Instituto de Salud Carlos III	Vázquez-Morón, S. Iglesias-Caballero, M. Sandonís, V. Camarero, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. MORENO PARRADO, LAURA







		Division of Viral Diseases, Centers for Disease Control and Prevention	Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1169545, EPI_ISL_1169547, EPI_ISL_1169554, EPI_ISL_1169559	MN PHL Division, Minnesota Department of Health	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1169592 EPI_ISL_1170948	Santa Clara County Public Health Laboratory National Institute of Health Research and Development	Santa Clara County Public Health Laboratory National Institute of Health Research and Development	Santa Clara County Public Health Department Ririn Ramadhany, Yuni Rukminiati, Agustiniingsih, Kindi Adam, Holy Arif Wibowo, Hana Apsari Pawestri, Subangkit, Kartika Dewi Puspa, Arie Ardiansyah Nugraha, Hartanti Dian Ikawati, Krisna Nur Andriana Pangesti, Ni Ketut Susilarini, Nur Ika Hariastuti, Uly Alfi Nikmah, Mursinah, Reni Herman, Nike Susanti, Herna, Tati Febriyanti, Natalie Laurencia Kipuw, Fauzul Muna, Aulia Rizki, Nelly Puspandari, Vivi Setiawaty
EPI_ISL_1170955	National Institute of Health Research and Development	National Institute of Health Research and Development	Yuni Rukminiati, Agustiniingsih, Kindi Adam, Holy Arif Wibowo, Ririn Ramadhany, Hana Apsari Pawestri, Subangkit, Kartika Dewi Puspa, Arie Ardiansyah Nugraha, Hartanti Dian Ikawati, Krisna Nur Andriana Pangesti, Ni Ketut Susilarini, Nur Ika Hariastuti, Uly Alfi Nikmah, Mursinah, Asri Febriyani, Reni Herman, Nike Susanti, Herna, Tati Febriyanti, Natalie Laurencia Kipuw, Fauzul Muna, Irene Lorinda Indalao, Aulia Rizki, Nelly Puspandari, Vivi Setiawaty
EPI_ISL_1171626, EPI_ISL_1171628, EPI_ISL_1171634, EPI_ISL_1171635, EPI_ISL_1171636, EPI_ISL_1171637, EPI_ISL_1171638, EPI_ISL_1171639, EPI_ISL_1171640	IAL Regional de Santos	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos, Caio Vinicius Dias Lopes
EPI_ISL_1171641, EPI_ISL_1171643, EPI_ISL_1171644, EPI_ISL_1171646, EPI_ISL_1171647	IAL Regional de Marília	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos, Caio Vinicius Dias Lopes
EPI_ISL_1171668, EPI_ISL_1171670, EPI_ISL_1171671 EPI_ISL_1171861	IAL Regional de Presidente Prudente Kentucky State Public Health Lab	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory Kentucky State Public Health Lab	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos, Caio Vinicius Dias Lopes Stephanie Lunn, Karim George, Joshua Tobias, William Grooms, Vaneet Arora, Matthew Johnson, Rachel Zinner, Rhonda Lucas
EPI_ISL_1171978, EPI_ISL_1171983, EPI_ISL_1171985, EPI_ISL_1171998, EPI_ISL_1171999, EPI_ISL_1172000, EPI_ISL_1172004, EPI_ISL_1172006, EPI_ISL_1172007, EPI_ISL_1172008, EPI_ISL_1172009, EPI_ISL_1172010, EPI_ISL_1172011, EPI_ISL_1172012	see above Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_788911, EPI_ISL_788915, EPI_ISL_788917	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
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EPI_ISL_791226, EPI_ISL_791228, EPI_ISL_791245, EPI_ISL_791248, EPI_ISL_791255, EPI_ISL_791258, EPI_ISL_791260, EPI_ISL_791261	Respiratory Virus Unit, National Infection Service, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team
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EPI_ISL_794264, EPI_ISL_794266, EPI_ISL_794267, EPI_ISL_794268, EPI_ISL_794269, EPI_ISL_794271, EPI_ISL_794274, EPI_ISL_794275, EPI_ISL_794276, EPI_ISL_794277, EPI_ISL_794279, EPI_ISL_794280	see above 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, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_794308, EPI_ISL_794309, EPI_ISL_794312, EPI_ISL_794313, EPI_ISL_794315, EPI_ISL_794316, EPI_ISL_794317, EPI_ISL_794318	Wadsworth Center, New York State Department.of Health	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, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_794613, EPI_ISL_794614, EPI_ISL_794615, EPI_ISL_794616, EPI_ISL_794617, EPI_ISL_794618, EPI_ISL_794619, EPI_ISL_794623 EPI_ISL_794625, EPI_ISL_794626	LabPLUS Middlemore Hospital	Institute of Environmental Science and Research (ESR) Institute of Environmental Science and Research (ESR)	Xiaoyun Ren, Matt Storey, Nikki Freed, Muhammad Faisal, Jing Wang, Hermes Perez, Anja Werno, Antje van der Linden, Arlo Upton, Chris Mansell, David Hammer, Dragana Drinkovic, Gary McAuliffe, Hana Sofia Andersson, James Ussher, Jill Sherwood, Josh Freeman, Julia Howard, Juliet Elvy, Mary DeAlmeida, Matt Blakiston, Matthew Rogers, Max Bloomfield, Michael Addidle, Michelle Balm, Sally Roberts, Sarah Jefferies, Sharmini Muttaiyah, Susan Morpeth, Susan Taylor, Timothy Blackmore, Vani Sathyendran, Veronica Playle, Virginia Hope, Erasmus Smit, Lauren Jelly, Olin Silander, Joep de Ligt Xiaoyun Ren, Matt Storey, Nikki Freed, Muhammad Faisal, Jing Wang, Hermes Perez, Anja Werno, Antje van der Linden, Arlo Upton, Chris Mansell, David Hammer, Dragana Drinkovic, Gary McAuliffe, Hana Sofia Andersson, James Ussher, Jill Sherwood, Josh Freeman, Julia Howard, Juliet Elvy, Mary DeAlmeida, Matt Blakiston, Matthew Rogers, Max Bloomfield, Michael Addidle, Michelle Balm, Sally Roberts, Sarah Jefferies, Sharmini Muttaiyah, Susan Morpeth, Susan Taylor, Timothy Blackmore, Vani Sathyendran, Veronica Playle, Virginia Hope, Erasmus Smit, Lauren Jelly, Olin Silander, Joep de Ligt
EPI_ISL_794744	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_796013, EPI_ISL_796014, EPI_ISL_796015, EPI_ISL_796016, EPI_ISL_796017, EPI_ISL_796019, EPI_ISL_796020, EPI_ISL_796021, EPI_ISL_796023, EPI_ISL_796024, EPI_ISL_796025, EPI_ISL_796026	see above Hebei Provincial Center for Disease Control and Prevention, Shijiazhuang, Hebei Province; National Institute for Viral Disease Control and Prevention, China CDC	Hebei Provincial Center for Disease Control and Prevention, Shijiazhuang, Hebei Province; National Institute for Viral Disease Control and Prevention, China CDC	Shunxiang Qi, Xiang Zhao, Nankun Liu, George F. Gao, Yang Song, Wenbo Xu, Qi Li
EPI_ISL_796755, EPI_ISL_796756, EPI_ISL_796757, EPI_ISL_796758, EPI_ISL_796762, EPI_ISL_796765 EPI_ISL_797432	Instituto Nacional de Saude (INSA) Lighthouse Lab in Glasgow	Instituto Nacional de Saude (INSA) Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Borges et al Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team

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All Submitters of data may be contacted directly via [www.gisaid.org](http://www.gisaid.org)

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Accession ID	Originating Laboratory	Submitting Laboratory	Authors	
EPI_ISL_818884, EPI_ISL_818885, EPI_ISL_818886, EPI_ISL_818887, EPI_ISL_818888, EPI_ISL_818889, EPI_ISL_818890, EPI_ISL_818891, EPI_ISL_818892, EPI_ISL_818893, EPI_ISL_818894, EPI_ISL_818895, EPI_ISL_818896, EPI_ISL_818897, EPI_ISL_818898, EPI_ISL_818899, EPI_ISL_818900, EPI_ISL_818901, EPI_ISL_818902, EPI_ISL_818903, EPI_ISL_818904, EPI_ISL_818905, EPI_ISL_818906, EPI_ISL_818907, EPI_ISL_818908, EPI_ISL_818909, EPI_ISL_818910, EPI_ISL_818911, EPI_ISL_818912, EPI_ISL_818913, EPI_ISL_818914, EPI_ISL_818915, EPI_ISL_818916, EPI_ISL_818917, EPI_ISL_818918, EPI_ISL_818919, EPI_ISL_818920, EPI_ISL_818921, EPI_ISL_818922, EPI_ISL_818923, EPI_ISL_818924, EPI_ISL_818925, EPI_ISL_818926, EPI_ISL_818927, EPI_ISL_818928, EPI_ISL_818929, EPI_ISL_818930, EPI_ISL_818931, EPI_ISL_818932, EPI_ISL_818933, EPI_ISL_818934, EPI_ISL_818935, EPI_ISL_818936, EPI_ISL_818937, EPI_ISL_818938, EPI_ISL_818939, EPI_ISL_818940, EPI_ISL_818941, EPI_ISL_818942, EPI_ISL_818943, EPI_ISL_818944, EPI_ISL_818945, EPI_ISL_818946, EPI_ISL_818947, EPI_ISL_818948, EPI_ISL_818949, EPI_ISL_818950, EPI_ISL_818951, EPI_ISL_818952, EPI_ISL_818953, EPI_ISL_818954, EPI_ISL_818955, EPI_ISL_818956, EPI_ISL_818957, EPI_ISL_818958, EPI_ISL_818959, EPI_ISL_818960, EPI_ISL_818961, EPI_ISL_818962, EPI_ISL_818963, EPI_ISL_818964, EPI_ISL_818965, EPI_ISL_818966, EPI_ISL_818967, EPI_ISL_818968, EPI_ISL_818969, EPI_ISL_818970, EPI_ISL_818971, EPI_ISL_818972, EPI_ISL_818973, EPI_ISL_818974, EPI_ISL_818975, EPI_ISL_818976, EPI_ISL_818977, EPI_ISL_818978, EPI_ISL_818979, EPI_ISL_818980, EPI_ISL_818981, EPI_ISL_818982, EPI_ISL_818983, EPI_ISL_818984, EPI_ISL_818985, EPI_ISL_818986, EPI_ISL_818987, EPI_ISL_818988, EPI_ISL_818989, EPI_ISL_818990, EPI_ISL_818991, EPI_ISL_818992, EPI_ISL_818993, EPI_ISL_818994, EPI_ISL_818995, EPI_ISL_818996, EPI_ISL_818997, EPI_ISL_818998, EPI_ISL_818999, EPI_ISL_819000, EPI_ISL_819001, EPI_ISL_819002, EPI_ISL_819003, EPI_ISL_819004, EPI_ISL_819005, EPI_ISL_819006, EPI_ISL_819007, EPI_ISL_819008, EPI_ISL_819009, EPI_ISL_819010, EPI_ISL_819011, EPI_ISL_819012, EPI_ISL_819013, EPI_ISL_819014, EPI_ISL_819015, EPI_ISL_819016, EPI_ISL_819017, EPI_ISL_819018, EPI_ISL_819019, EPI_ISL_819020, EPI_ISL_819021, EPI_ISL_819022, EPI_ISL_819023, EPI_ISL_819024, EPI_ISL_819025, EPI_ISL_819026, EPI_ISL_819027, EPI_ISL_819028, EPI_ISL_819029, EPI_ISL_819030, EPI_ISL_819031, EPI_ISL_819032, EPI_ISL_819033, EPI_ISL_819034, EPI_ISL_819035, EPI_ISL_819036, EPI_ISL_819037, EPI_ISL_819038, EPI_ISL_819039, EPI_ISL_819040, EPI_ISL_819041, EPI_ISL_819042, EPI_ISL_819043, EPI_ISL_819044, EPI_ISL_819045, EPI_ISL_819046, EPI_ISL_819047, EPI_ISL_819048, EPI_ISL_819049, EPI_ISL_819050, EPI_ISL_819051, EPI_ISL_819052, EPI_ISL_819053, EPI_ISL_819054, EPI_ISL_819055, EPI_ISL_819056, EPI_ISL_819057, EPI_ISL_819058, EPI_ISL_819059, EPI_ISL_819060, EPI_ISL_819061, EPI_ISL_819062, EPI_ISL_819063, EPI_ISL_819064, EPI_ISL_819065, EPI_ISL_819066, EPI_ISL_819067, EPI_ISL_819068, EPI_ISL_819069, EPI_ISL_819070, EPI_ISL_819071, EPI_ISL_819072, EPI_ISL_819073, EPI_ISL_819074, EPI_ISL_819075, EPI_ISL_819076, EPI_ISL_819077, EPI_ISL_819078, EPI_ISL_819079, EPI_ISL_819080, EPI_ISL_819081, EPI_ISL_819082, EPI_ISL_819083, EPI_ISL_819084, EPI_ISL_819085, EPI_ISL_819086, EPI_ISL_819087, EPI_ISL_819088, EPI_ISL_819089, EPI_ISL_819090, EPI_ISL_819091, EPI_ISL_819092, EPI_ISL_819093, EPI_ISL_819094, EPI_ISL_819095, EPI_ISL_819096, EPI_ISL_819097, EPI_ISL_819098, EPI_ISL_819099, EPI_ISL_819100, EPI_ISL_819101, EPI_ISL_819102, EPI_ISL_819103, EPI_ISL_819104, EPI_ISL_819105, EPI_ISL_819106, EPI_ISL_819107, EPI_ISL_819108, EPI_ISL_819109, EPI_ISL_819110, EPI_ISL_819111, EPI_ISL_819112, EPI_ISL_819113, EPI_ISL_819114, EPI_ISL_819115, EPI_ISL_819116, EPI_ISL_819117, EPI_ISL_819118, EPI_ISL_819119, EPI_ISL_819120, EPI_ISL_819121, EPI_ISL_819122, EPI_ISL_819123	see above	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen Lab, Department of Chemistry and Bioscience, Aalborg University, Denmark	Danish Covid-19 Genome Consortium
EPI_ISL_819391, EPI_ISL_819405, EPI_ISL_819410, EPI_ISL_819420, EPI_ISL_819443, EPI_ISL_820568		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 Aikhan, Lizzie Meadours, Rachael Stanley, Ngozi Elumogo, Muhammed Yasir, Nicholas M. Thomson, Alexander J Trotter, Rachel Gilroy, Samuel Bloomfield, Claire Stuart, Andrew Bell, Reenesh Prakash, Samir Derwisevic, Alison E. Mather, John Wain, Mark Webber, Andrew J. Page, Justin O'Grady
EPI_ISL_820586, EPI_ISL_820605		Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium	Gemma Clark, Wendy Smith, Manjinder Khakh, Vicki M Fleming, Michelle M Lister, Hannah Howson-Wells, Jonathan Ball, Patrick McClure, Joseph Chappell, Theocharis Tsolieridis, Nadine Holmes, Matthew Carlisle, Christopher Moore, Fei Sang, Johnny Debebe, Victoria Wright, Matthew Loose
EPI_ISL_820649, EPI_ISL_820650, EPI_ISL_820654, EPI_ISL_820655, EPI_ISL_820658, EPI_ISL_820659, EPI_ISL_820661, EPI_ISL_820662, EPI_ISL_820663, EPI_ISL_820666, EPI_ISL_820667, EPI_ISL_820680, EPI_ISL_820681, EPI_ISL_820682, EPI_ISL_820684, EPI_ISL_820685, EPI_ISL_820689, EPI_ISL_820690, EPI_ISL_820691, EPI_ISL_820696, EPI_ISL_820697, EPI_ISL_820711, EPI_ISL_820712, EPI_ISL_820713, EPI_ISL_820715, EPI_ISL_820716, EPI_ISL_820717, EPI_ISL_820718, EPI_ISL_820721, EPI_ISL_820724, EPI_ISL_820725, EPI_ISL_820726, EPI_ISL_820727, EPI_ISL_820728, EPI_ISL_820729, EPI_ISL_820730, EPI_ISL_820731, EPI_ISL_820732, EPI_ISL_820734, EPI_ISL_820738, EPI_ISL_820741, EPI_ISL_820742, EPI_ISL_820744, EPI_ISL_820745, EPI_ISL_820749, EPI_ISL_820750, EPI_ISL_820752, EPI_ISL_820753, EPI_ISL_820754, EPI_ISL_820755, EPI_ISL_820756, EPI_ISL_820757, EPI_ISL_820758, EPI_ISL_820760, EPI_ISL_820761, EPI_ISL_820762, EPI_ISL_820763, EPI_ISL_820766, EPI_ISL_820768, EPI_ISL_820770, EPI_ISL_820771, EPI_ISL_820772, EPI_ISL_820773, EPI_ISL_820774, EPI_ISL_820775, EPI_ISL_820776, EPI_ISL_820777, EPI_ISL_820779, EPI_ISL_820780, EPI_ISL_820781, EPI_ISL_820785, EPI_ISL_820786, EPI_ISL_820787, EPI_ISL_820788, EPI_ISL_820789, EPI_ISL_820791, EPI_ISL_820792, EPI_ISL_820793, EPI_ISL_820795, EPI_ISL_820796, EPI_ISL_820798, EPI_ISL_820800, EPI_ISL_820801, EPI_ISL_820804, EPI_ISL_820805, EPI_ISL_820806, EPI_ISL_820807, EPI_ISL_820808, EPI_ISL_820810, EPI_ISL_820812, EPI_ISL_820814, EPI_ISL_820815, EPI_ISL_820816, EPI_ISL_820817, EPI_ISL_820818, EPI_ISL_820820, EPI_ISL_820821, EPI_ISL_820822, EPI_ISL_820823, EPI_ISL_820824, EPI_ISL_820825, EPI_ISL_820826, EPI_ISL_820828, EPI_ISL_820829, EPI_ISL_820830, EPI_ISL_820831, EPI_ISL_820832, EPI_ISL_820834, EPI_ISL_820835, EPI_ISL_820836, EPI_ISL_820838, EPI_ISL_820840, EPI_ISL_820841, EPI_ISL_820842, EPI_ISL_820843, EPI_ISL_820844, EPI_ISL_820845, EPI_ISL_820847, EPI_ISL_820848, EPI_ISL_820849, EPI_ISL_820850, EPI_ISL_820852, EPI_ISL_820853, EPI_ISL_820854, EPI_ISL_820855, EPI_ISL_820856, EPI_ISL_820859, EPI_ISL_820860, EPI_ISL_820861, EPI_ISL_820863, EPI_ISL_820864, EPI_ISL_820866, EPI_ISL_820869, EPI_ISL_820870, EPI_ISL_820871, EPI_ISL_820873, EPI_ISL_820875, EPI_ISL_820877, EPI_ISL_820878, EPI_ISL_820879, EPI_ISL_820880, EPI_ISL_820881, EPI_ISL_820882, EPI_ISL_820883, EPI_ISL_820884, EPI_ISL_820887, EPI_ISL_820888, EPI_ISL_820890, EPI_ISL_820891, EPI_ISL_820892, EPI_ISL_820893, EPI_ISL_820896, EPI_ISL_820899, EPI_ISL_820900, EPI_ISL_820901, EPI_ISL_820902, EPI_ISL_820903, EPI_ISL_820904, EPI_ISL_820905, EPI_ISL_820907, EPI_ISL_820909, EPI_ISL_820910, EPI_ISL_820911, EPI_ISL_820912, EPI_ISL_820913, EPI_ISL_820914, EPI_ISL_820916, EPI_ISL_820917, EPI_ISL_820918, EPI_ISL_820919, EPI_ISL_820920, EPI_ISL_820921, EPI_ISL_820923, EPI_ISL_820924, EPI_ISL_820926, EPI_ISL_820927, EPI_ISL_820929, EPI_ISL_820930, EPI_ISL_820932, EPI_ISL_820933, EPI_ISL_820937, EPI_ISL_820939, EPI_ISL_820941, EPI_ISL_820942, EPI_ISL_820943, EPI_ISL_820944, EPI_ISL_820946, EPI_ISL_820947, EPI_ISL_820950, EPI_ISL_820951, EPI_ISL_820953, EPI_ISL_820955, EPI_ISL_820957, EPI_ISL_820959, EPI_ISL_820960, EPI_ISL_820961, EPI_ISL_820963, EPI_ISL_820964, EPI_ISL_820965, EPI_ISL_820966, EPI_ISL_820967, EPI_ISL_820968, EPI_ISL_820969, EPI_ISL_820970, EPI_ISL_820972, EPI_ISL_820973, EPI_ISL_820974, EPI_ISL_820975, EPI_ISL_820976, EPI_ISL_820979, EPI_ISL_820980, EPI_ISL_820981, EPI_ISL_820983, EPI_ISL_820984, EPI_ISL_820985, EPI_ISL_820986, EPI_ISL_820989, EPI_ISL_820991, EPI_ISL_820992, EPI_ISL_820993, EPI_ISL_820994, EPI_ISL_820995, EPI_ISL_820996, EPI_ISL_820997, EPI_ISL_820998, EPI_ISL_820999, EPI_ISL_821000, EPI_ISL_821001	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_821002, EPI_ISL_821003, EPI_ISL_821004, EPI_ISL_821005, EPI_ISL_821008, EPI_ISL_821009, EPI_ISL_821010, EPI_ISL_821011, EPI_ISL_821013, EPI_ISL_821015, EPI_ISL_821017, EPI_ISL_821018, EPI_ISL_821020, EPI_ISL_821022, EPI_ISL_821023, EPI_ISL_821024, EPI_ISL_821026, EPI_ISL_821031	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_821032		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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_821034, EPI_ISL_821035, EPI_ISL_821038, EPI_ISL_821040, EPI_ISL_821041, EPI_ISL_821042, EPI_ISL_821044, EPI_ISL_821045, EPI_ISL_821046, EPI_ISL_821047, EPI_ISL_821048, EPI_ISL_821050, EPI_ISL_821051, EPI_ISL_821054, EPI_ISL_821055, EPI_ISL_821057, EPI_ISL_821063, EPI_ISL_821064, EPI_ISL_821065, EPI_ISL_821066, EPI_ISL_821067, EPI_ISL_821068	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_821069		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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_821070, EPI_ISL_821071, EPI_ISL_821072, EPI_ISL_821073, EPI_ISL_821075, EPI_ISL_821076, EPI_ISL_821078, EPI_ISL_821079, EPI_ISL_821082, EPI_ISL_821083, EPI_ISL_821085, EPI_ISL_821086, EPI_ISL_821087, EPI_ISL_821088, EPI_ISL_821090, EPI_ISL_821091, EPI_ISL_821092, EPI_ISL_821093, EPI_ISL_821094, EPI_ISL_821095, EPI_ISL_821096, EPI_ISL_821097, EPI_ISL_821099, EPI_ISL_821100, EPI_ISL_821101, EPI_ISL_821102	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_821105		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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_821106, EPI_ISL_821107, EPI_ISL_821109, EPI_ISL_821113, EPI_ISL_821114, EPI_ISL_821115, EPI_ISL_821116, EPI_ISL_821117, EPI_ISL_821118, EPI_ISL_821119, EPI_ISL_821120, EPI_ISL_821121, EPI_ISL_821122, EPI_ISL_821123, EPI_ISL_821124, EPI_ISL_821127, EPI_ISL_821129, EPI_ISL_821130, EPI_ISL_821133, EPI_ISL_821136, EPI_ISL_821137, EPI_ISL_821138, EPI_ISL_821139, EPI_ISL_821141, EPI_ISL_821144, EPI_ISL_821145, EPI_ISL_821146, EPI_ISL_821147, EPI_ISL_821148, EPI_ISL_821149	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_821150		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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_821151, EPI_ISL_821152, EPI_ISL_821154, EPI_ISL_821155,		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, Sonia Goncalves, 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]









EPI_ISL_821987, EPI_ISL_821988, EPI_ISL_821992	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_821995	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_821996, EPI_ISL_821997	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_822004, EPI_ISL_822005, EPI_ISL_822006, EPI_ISL_822011	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_822019	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_822029	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_822030	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_822033, EPI_ISL_822040, EPI_ISL_822041	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_822047	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_822048	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_822060	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_822063, EPI_ISL_822067, EPI_ISL_822075	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_822081	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_822099	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_822105	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_822117, EPI_ISL_822119, EPI_ISL_822127, EPI_ISL_822130	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_822139	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_822140	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_822150	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_822153, EPI_ISL_822158, EPI_ISL_822165, EPI_ISL_822170, EPI_ISL_822178	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_822183, EPI_ISL_822191, EPI_ISL_822193, EPI_ISL_822197, EPI_ISL_822199	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_822237, EPI_ISL_822242, EPI_ISL_822245, EPI_ISL_822256, EPI_ISL_822260, EPI_ISL_822264, EPI_ISL_822275, EPI_ISL_822288	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_822809, EPI_ISL_822811, EPI_ISL_822818, EPI_ISL_822821, EPI_ISL_822826, EPI_ISL_822827, EPI_ISL_822829	Wales Specialist Virology Centre Sequencing lab: Pathogen Genomics Unit	COVID-19 Genomics UK (COG-UK) Consortium	Catherine Moore, Johnathan Evans, Laura Gifford, Malorie Perry, Simon Cottrell, Angela Marchbank, Alec Birchley, Alexander Adams, Amy Gaskin, Bree Gatica-Wilcox, Jason Coombes, Joel Southgate, Lauren Gilbert, Lee Graham, Nicole Pacchiarini, Sara Kumziene-Summerhayes, Sarah Taylor, Sophie Jones, Sara Rey, Matthew Bull, Joanne Watkins, Sally Corden, Tom Connor
EPI_ISL_824096, EPI_ISL_824097, EPI_ISL_824098, EPI_ISL_824099, EPI_ISL_824100, EPI_ISL_824141, EPI_ISL_824145, EPI_ISL_824146, EPI_ISL_824147, EPI_ISL_824148, EPI_ISL_824149, EPI_ISL_824150, EPI_ISL_824153, EPI_ISL_824154, EPI_ISL_824169, EPI_ISL_824209, EPI_ISL_824253, EPI_ISL_824254, EPI_ISL_824261, EPI_ISL_824263, EPI_ISL_824264, EPI_ISL_824267, EPI_ISL_824268, EPI_ISL_824270			
see above	Dutch COVID-19 response team	National Institute for Public Health and the Environment (RIVM)	Adam Meijer, Harry Vennema, 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_824835, EPI_ISL_824836, EPI_ISL_824844, EPI_ISL_824850, EPI_ISL_824854, EPI_ISL_824856, EPI_ISL_824857, EPI_ISL_824860, EPI_ISL_824861, EPI_ISL_824862	Department of Clinical Microbiology	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_824953, EPI_ISL_824954, EPI_ISL_824955, EPI_ISL_824956, EPI_ISL_824957, EPI_ISL_824958, EPI_ISL_824960, EPI_ISL_824961, EPI_ISL_824962, EPI_ISL_824963, EPI_ISL_824964, EPI_ISL_824965, EPI_ISL_824967, EPI_ISL_824968, EPI_ISL_824969, EPI_ISL_824970, EPI_ISL_824971, EPI_ISL_824972, EPI_ISL_824973, EPI_ISL_824975, EPI_ISL_824976, EPI_ISL_824977, EPI_ISL_824978			
see above	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration

EPI_ISL_824985, EPI_ISL_824986	Charité Universitätsmedizin Berlin, Institute of Virology, Charitéplatz 1, 10117 Berlin, Germany	Charité Universitätsmedizin Berlin, Institute of Virology, Charitéplatz 1, 10117 Berlin, Germany	Victor M Corman, Jörn Beheim-Schwarzbach, Tobias Bleicker, Julia Tesch, Barbara Mühlemann, Talitha Veith, Julia Schneider, Terry Jones, Christian Drosten
EPI_ISL_826466	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_826467, EPI_ISL_826468, EPI_ISL_826469, EPI_ISL_826474	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_826731, EPI_ISL_826896, EPI_ISL_826918, EPI_ISL_827041, EPI_ISL_827044, EPI_ISL_827120	deCODE genetics	deCODE genetics	Daniel F Gudbjartsson; Agnar Helgason; Hakon Jonsson; Olafur T Magnusson; Pall Melsted; Gudmundur L Norddahl; Jona Saemundsdottir; Asgeir Sigurdsson; Patrick Sulem; Arna B Agustsdottir; Hannes Eggertsson; Berglind Eiríksdóttir; Run Fridríksdóttir; Elisabet E Gardarsdóttir; Gudmundur Georgsson; Olafía S Gretarsdóttir; Kjartan R Gudmundsson; Thora R Gunnarsdóttir; Arnaldur Gylfason; Hilma Holm; Brynjar O Jensson; Aslaug Jonasdóttir; Kamilla S Josefsdóttir; Thordur Kristjánsson; Droplaug N Magnúsdóttir; Solvi Rognvaldsson; Louise le Roux; Gudrun Sigmundsdóttir; Gardar Sveinbjörnsson; Kristín E Sveinsdóttir; Maney Sveinsdóttir; Emil A Thorarensen; Bjarni Thorbjörnsson; Gisli Masson; Ingileif Jónsdóttir; Alma Möller; Thorolfur Gudnason; Karl G Kristinnsson; Unnur Thorsteinsdóttir; Kari Stefánsson
EPI_ISL_827396	The National University Hospital of Iceland	deCODE genetics	Daniel F Gudbjartsson; Agnar Helgason; Hakon Jonsson; Olafur T Magnusson; Pall Melsted; Gudmundur L Norddahl; Jona Saemundsdottir; Asgeir Sigurdsson; Patrick Sulem; Arna B Agustsdottir; Hannes Eggertsson; Berglind Eiríksdóttir; Run Fridríksdóttir; Elisabet E Gardarsdóttir; Gudmundur Georgsson; Olafía S Gretarsdóttir; Kjartan R Gudmundsson; Thora R Gunnarsdóttir; Arnaldur Gylfason; Hilma Holm; Brynjar O Jensson; Aslaug Jonasdóttir; Kamilla S Josefsdóttir; Thordur Kristjánsson; Droplaug N Magnúsdóttir; Solvi Rognvaldsson; Louise le Roux; Gudrun Sigmundsdóttir; Gardar Sveinbjörnsson; Kristín E Sveinsdóttir; Maney Sveinsdóttir; Emil A Thorarensen; Bjarni Thorbjörnsson; Gisli Masson; Ingileif Jónsdóttir; Alma Möller; Thorolfur Gudnason; Karl G Kristinnsson; Unnur Thorsteinsdóttir; Kari Stefánsson
EPI_ISL_827416, EPI_ISL_827546, EPI_ISL_827689, EPI_ISL_827690, EPI_ISL_827757, EPI_ISL_827871, EPI_ISL_827897, EPI_ISL_827921, EPI_ISL_827923, EPI_ISL_827925, EPI_ISL_827930, EPI_ISL_827931, EPI_ISL_827933, EPI_ISL_827951, EPI_ISL_827992, EPI_ISL_828255, EPI_ISL_828256, EPI_ISL_828262, EPI_ISL_828497, EPI_ISL_828785, EPI_ISL_828873, EPI_ISL_829062, EPI_ISL_829080, EPI_ISL_829323, EPI_ISL_829325, EPI_ISL_829703, EPI_ISL_829972, EPI_ISL_829977, EPI_ISL_829982, EPI_ISL_830186, EPI_ISL_830194	deCODE genetics	deCODE genetics	Daniel F Gudbjartsson; Agnar Helgason; Hakon Jonsson; Olafur T Magnusson; Pall Melsted; Gudmundur L Norddahl; Jona Saemundsdottir; Asgeir Sigurdsson; Patrick Sulem; Arna B Agustsdottir; Hannes Eggertsson; Berglind Eiríksdóttir; Run Fridríksdóttir; Elisabet E Gardarsdóttir; Gudmundur Georgsson; Olafía S Gretarsdóttir; Kjartan R Gudmundsson; Thora R Gunnarsdóttir; Arnaldur Gylfason; Hilma Holm; Brynjar O Jensson; Aslaug Jonasdóttir; Kamilla S Josefsdóttir; Thordur Kristjánsson; Droplaug N Magnúsdóttir; Solvi Rognvaldsson; Louise le Roux; Gudrun Sigmundsdóttir; Gardar Sveinbjörnsson; Kristín E Sveinsdóttir; Maney Sveinsdóttir; Emil A Thorarensen; Bjarni Thorbjörnsson; Gisli Masson; Ingileif Jónsdóttir; Alma Möller; Thorolfur Gudnason; Karl G Kristinnsson; Unnur Thorsteinsdóttir; Kari Stefánsson
see above	deCODE genetics	deCODE genetics	Daniel F Gudbjartsson; Agnar Helgason; Hakon Jonsson; Olafur T Magnusson; Pall Melsted; Gudmundur L Norddahl; Jona Saemundsdottir; Asgeir Sigurdsson; Patrick Sulem; Arna B Agustsdottir; Hannes Eggertsson; Berglind Eiríksdóttir; Run Fridríksdóttir; Elisabet E Gardarsdóttir; Gudmundur Georgsson; Olafía S Gretarsdóttir; Kjartan R Gudmundsson; Thora R Gunnarsdóttir; Arnaldur Gylfason; Hilma Holm; Brynjar O Jensson; Aslaug Jonasdóttir; Kamilla S Josefsdóttir; Thordur Kristjánsson; Droplaug N Magnúsdóttir; Solvi Rognvaldsson; Louise le Roux; Gudrun Sigmundsdóttir; Gardar Sveinbjörnsson; Kristín E Sveinsdóttir; Maney Sveinsdóttir; Emil A Thorarensen; Bjarni Thorbjörnsson; Gisli Masson; Ingileif Jónsdóttir; Alma Möller; Thorolfur Gudnason; Karl G Kristinnsson; Unnur Thorsteinsdóttir; Kari Stefánsson
EPI_ISL_830246, EPI_ISL_830248, EPI_ISL_830250, EPI_ISL_830252, EPI_ISL_830253, EPI_ISL_830257, EPI_ISL_830263, EPI_ISL_830265, EPI_ISL_830267, EPI_ISL_830269, EPI_ISL_830272	Wadsworth Center, New York State Department of Health	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_830318	deCODE genetics	deCODE genetics	Daniel F Gudbjartsson; Agnar Helgason; Hakon Jonsson; Olafur T Magnusson; Pall Melsted; Gudmundur L Norddahl; Jona Saemundsdottir; Asgeir Sigurdsson; Patrick Sulem; Arna B Agustsdottir; Hannes Eggertsson; Berglind Eiríksdóttir; Run Fridríksdóttir; Elisabet E Gardarsdóttir; Gudmundur Georgsson; Olafía S Gretarsdóttir; Kjartan R Gudmundsson; Thora R Gunnarsdóttir; Arnaldur Gylfason; Hilma Holm; Brynjar O Jensson; Aslaug Jonasdóttir; Kamilla S Josefsdóttir; Thordur Kristjánsson; Droplaug N Magnúsdóttir; Solvi Rognvaldsson; Louise le Roux; Gudrun Sigmundsdóttir; Gardar Sveinbjörnsson; Kristín E Sveinsdóttir; Maney Sveinsdóttir; Emil A Thorarensen; Bjarni Thorbjörnsson; Gisli Masson; Ingileif Jónsdóttir; Alma Möller; Thorolfur Gudnason; Karl G Kristinnsson; Unnur Thorsteinsdóttir; Kari Stefánsson
EPI_ISL_830572, EPI_ISL_830630, EPI_ISL_830633, EPI_ISL_830638, EPI_ISL_830641	NORTHWELL HEALTH 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_830684, EPI_ISL_830687, EPI_ISL_830688, EPI_ISL_830689, EPI_ISL_830691, EPI_ISL_830692, EPI_ISL_830693, EPI_ISL_830694, EPI_ISL_830696, EPI_ISL_830697, EPI_ISL_830700, EPI_ISL_830703, EPI_ISL_830706, EPI_ISL_830707, EPI_ISL_830708, EPI_ISL_830710, EPI_ISL_830711, EPI_ISL_830712, EPI_ISL_830713, EPI_ISL_830714, EPI_ISL_830716, EPI_ISL_830717, EPI_ISL_830718, EPI_ISL_830719	ALBANY MEDICAL CENTER HOSPITAL CLINICAL 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
see above	ALBANY MEDICAL CENTER HOSPITAL CLINICAL 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_831366, EPI_ISL_831367	Clinical Molecular Microbiology Laboratory, UNC Hospitals	Jeremy Wang	Jeremy Wang, Alexander Rubinsteyn, Colleen Rice, Jason Smedberg, Melissa Miller, Corbin Jones, Robert Hagan
EPI_ISL_831488, EPI_ISL_831493, EPI_ISL_831497, EPI_ISL_831534, EPI_ISL_831553, EPI_ISL_831554, EPI_ISL_831555, EPI_ISL_831558, EPI_ISL_831559, EPI_ISL_831560, EPI_ISL_831561, EPI_ISL_831562, EPI_ISL_831563, EPI_ISL_831564, EPI_ISL_831565, EPI_ISL_831567, EPI_ISL_831568, EPI_ISL_831571, EPI_ISL_831574, EPI_ISL_831591, EPI_ISL_831592, EPI_ISL_831594, EPI_ISL_831595, EPI_ISL_831596, EPI_ISL_831597, EPI_ISL_831602, EPI_ISL_831607, EPI_ISL_831609, EPI_ISL_831610, EPI_ISL_831612, EPI_ISL_831613, EPI_ISL_831614, EPI_ISL_831618, EPI_ISL_831619, EPI_ISL_831622, EPI_ISL_831623, EPI_ISL_831624, EPI_ISL_831625, EPI_ISL_831626, EPI_ISL_831632, EPI_ISL_831633, EPI_ISL_831634, EPI_ISL_831636, EPI_ISL_831637, EPI_ISL_831638	University of Wisconsin-Madison AIDS Vaccine Research Laboratories	Gage Moreno, Katarina Braun, et al. AIDS Vaccine Research Laboratories	
see above	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_831671	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_831673	Institute of Virology, Biomedical Research Center of the Slovak Academy of Sciences, Bratislava	Faculty of Natural Sciences, Comenius University, Bratislava	Kristína Boršová, Viktória abanová, Broa Brejová, Viktória Hodorová, Sabina Fumaová Havlíková, Juraj Kopáek, Martina Liková, ubomíra Lukáiková, Martina Neboháová, Monika Sláviková, Tomáš Vína, Boris Klempa, Jozef Nosek
EPI_ISL_831942	Klinisk mikrobiologi	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_831943	Unilabs, Mikrobiologiska laborietet	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_832003, EPI_ISL_832004	Mikrobiologen	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_832005	Klinisk Mikrobiologi	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_832006, EPI_ISL_832007	Unilabs AB Skovde	The Public Health Agency of Sweden	Department of Microbiology, The Public Health Agency of Sweden
EPI_ISL_832121, EPI_ISL_832122, EPI_ISL_832123, EPI_ISL_832124	Clinical Molecular Microbiology Laboratory, UNC Hospitals	Jeremy Wang	Jeremy Wang, Alexander Rubinsteyn, Colleen Rice, Jason Smedberg, Melissa Miller, Corbin Jones, Robert Hagan
EPI_ISL_832242	Department of Clinical Microbiology	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_832851, EPI_ISL_832871, EPI_ISL_832872, EPI_ISL_832876, EPI_ISL_832878, EPI_ISL_832879, EPI_ISL_832881, EPI_ISL_832882, EPI_ISL_832883, EPI_ISL_832884, EPI_ISL_832913, EPI_ISL_832945, EPI_ISL_832978, EPI_ISL_832979, EPI_ISL_832980, EPI_ISL_832981, EPI_ISL_832982, EPI_ISL_832983, EPI_ISL_832984, EPI_ISL_833029, EPI_ISL_833036, EPI_ISL_833037	Defence Services Medical Research Center, Biological Research Laboratory	Defence Services Medical Research Center, Biological Research Laboratory	Khine Zaw Oo, Nay Myo Aung, Ko Ko Win, Phyo Kyaw Aung, Zaw Win Htun, Sat Paing Htoo, Kyaw Wanna, Thein Zaw, Kyee Myint, Ko Ko Lwin
see above	Maine HETL	Tewhey Lab, The Jackson Laboratory	Matluk,N., Dewey,H., Isoue,F., Barter,M., Lynch,R., Munger,H. and Tewhey,R.
EPI_ISL_833041	Defence Services Medical Research Center, Biological Research Laboratory	Defence Services Medical Research Center, Biological Research Laboratory	Khine Zaw Oo, Nay Myo Aung, Ko Ko Win, Phyo Kyaw Aung, Zaw Win Htun, Sat Paing Htoo, Kyaw Wanna, Thein Zaw, Kyee Myint, Ko Ko Lwin
EPI_ISL_833208, EPI_ISL_833213, EPI_ISL_833221, EPI_ISL_833223, EPI_ISL_833225	Department of Virology and Immunology, University of Helsinki and Helsinki University Hospital, Huslab Finland	Department of Virology, Faculty of Medicine, University of Helsinki, Helsinki, Finland	Teemu Smura, Ravi Kant, Phuoc Truong, Hussein Alburkat, Hannimari Kallio-Kokko, Jenni Virtanen, Maija Suvanto, Fathiah Zakham, Essi Korhonen, Sari Hannula, Harri Kangas, Pekka Ellonen, Olli Vapalahti
EPI_ISL_833345, EPI_ISL_833346, EPI_ISL_833347, EPI_ISL_833348, EPI_ISL_833349, EPI_ISL_833350, EPI_ISL_833351, EPI_ISL_833352, EPI_ISL_833353, EPI_ISL_833354, EPI_ISL_833355	Microbiology Division, South Carolina Department of Health and Environmental Control (SC DHEC)	Microbiology Division, South Carolina Department of Health and Environmental Control (SC DHEC)	Flores,H., Freeman,J.
EPI_ISL_833376	National Public Health Laboratory, National Centre for	National Public Health Laboratory, National Centre for	Tze Minn Mak, Sophie Octavia, Zhenyang Zhou, Lin Cui, Raymond Tzer Pin Lin











[illegible]

[illegible]













EPI_ISL_858393	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_858394, EPI_ISL_858395, EPI_ISL_858396, EPI_ISL_858399	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_858400	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_858402	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_858403	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_858404, EPI_ISL_858406, EPI_ISL_858425, EPI_ISL_858426, EPI_ISL_858428, EPI_ISL_858429, EPI_ISL_858431, EPI_ISL_858432, EPI_ISL_858433, EPI_ISL_858435, EPI_ISL_858439, EPI_ISL_858441, EPI_ISL_858443, EPI_ISL_858445, EPI_ISL_858447, EPI_ISL_858448, EPI_ISL_858449, EPI_ISL_858450, EPI_ISL_858452, EPI_ISL_858453, EPI_ISL_858454, EPI_ISL_858456, EPI_ISL_858458, EPI_ISL_858459, EPI_ISL_858462, EPI_ISL_858463, EPI_ISL_858464, EPI_ISL_858466, EPI_ISL_858467, EPI_ISL_858469, EPI_ISL_858470, EPI_ISL_858473, EPI_ISL_858474, EPI_ISL_858475, EPI_ISL_858476, EPI_ISL_858478, EPI_ISL_858479, EPI_ISL_858480, EPI_ISL_858481, EPI_ISL_858488, EPI_ISL_858490, EPI_ISL_858493, EPI_ISL_858494, EPI_ISL_858495, EPI_ISL_858498, EPI_ISL_858499, EPI_ISL_858500, EPI_ISL_858502, EPI_ISL_858503, EPI_ISL_858504, EPI_ISL_858505, EPI_ISL_858506, EPI_ISL_858507, EPI_ISL_858508, EPI_ISL_858509, EPI_ISL_858510, EPI_ISL_858512, EPI_ISL_858513, EPI_ISL_858514, EPI_ISL_858515, EPI_ISL_858518, EPI_ISL_858519, EPI_ISL_858520, EPI_ISL_858522, EPI_ISL_858524, EPI_ISL_858525, EPI_ISL_858526, EPI_ISL_858528, EPI_ISL_858534, EPI_ISL_858536, EPI_ISL_858539, EPI_ISL_858540, EPI_ISL_858541, EPI_ISL_858542, EPI_ISL_858543, EPI_ISL_858544, EPI_ISL_858547, EPI_ISL_858548, EPI_ISL_858550, EPI_ISL_858551, EPI_ISL_858552, EPI_ISL_858553, EPI_ISL_858555, EPI_ISL_858556, EPI_ISL_858558, EPI_ISL_858561, EPI_ISL_858562, EPI_ISL_858564, EPI_ISL_858567, EPI_ISL_858568, EPI_ISL_858571			
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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_858576, EPI_ISL_858580	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_858583, EPI_ISL_858586, EPI_ISL_858587, EPI_ISL_858592, EPI_ISL_858594, EPI_ISL_858598, EPI_ISL_858601, EPI_ISL_858609, EPI_ISL_858610, EPI_ISL_858613, EPI_ISL_858614, EPI_ISL_858616, EPI_ISL_858618, EPI_ISL_858621, EPI_ISL_858623, EPI_ISL_858630, EPI_ISL_858633, EPI_ISL_858637, EPI_ISL_858638, EPI_ISL_858640, EPI_ISL_858641, EPI_ISL_858642			
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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_858645	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_858646, EPI_ISL_858650, EPI_ISL_858656, EPI_ISL_858657, EPI_ISL_858659, EPI_ISL_858660, EPI_ISL_858668	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_860190	Railway Hospital	Department of Neurovirology, National Institute of Mental Health and Neurosciences (NIMHANS)	Chitra Pattabiraman, Pramada Prasad, Anson Kunjumon George, Risha Rasheed, Darshan Sreenivas, Nakka Vijay Kiran Reddy, Anita S Desai, V Ravi
EPI_ISL_860210, EPI_ISL_860212	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, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_860215	Norwegian Institute of Public Health, Department of Virology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_860232	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, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_860241, EPI_ISL_860242, EPI_ISL_860243, EPI_ISL_860246, EPI_ISL_860249, EPI_ISL_860250, EPI_ISL_860251, EPI_ISL_860252, EPI_ISL_860255	University Hospitals of Geneva, Laboratory of Virology	HUG, Laboratory of Virology and Universitätsspital Basel	Samuel Cordey, Ana Rita Goncalves, Laurent Kaiser, Tim Roloff, Madlen Stange, Helena MB Seth-Smith, Alfredo Mari, Karoline Leuzinger, Julia Bielicki, Manuel Battagay, Hans Hirsch, Adrian Egli
EPI_ISL_860259	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, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_860582	NHLS-IALCH	KRISP, KZn Research Innovation and Sequencing Platform	Giandhari J, Pillay S, Lessells R, Mdlalose K, York D, Khan S, Tegally H, Wilkinson E, de Oliveira T
EPI_ISL_860692, EPI_ISL_860697, EPI_ISL_860701, EPI_ISL_860705, EPI_ISL_860706, EPI_ISL_860708	Respiratory Virus Unit, National Infection Service, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team
EPI_ISL_860720, EPI_ISL_860721, EPI_ISL_860722, EPI_ISL_860723, EPI_ISL_860726	Institute for Infectious Diseases, University of Bern, Switzerland	Institute for Infectious Diseases, University of Bern, Switzerland	Michel C Koch, Christian Baumann, Miguel A Terrazos Miani, Cora Sägesser, Pascal Bittel, Stephen L Leib, Peter Keller, Franziska Suter-Riniker, Alban Ramette
EPI_ISL_860783	Respiratory Virus Unit, National Infection Service, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team
EPI_ISL_860785, EPI_ISL_860788	Charité Universitätsmedizin Berlin, Institute of Virology, Charitéplatz 1, 10117 Berlin, Germany	Charité Universitätsmedizin Berlin, Institute of Virology, Charitéplatz 1, 10117 Berlin, Germany	Victor M Corman, Julia Schneider, Jörn Beheim-Schwarzbach, Tobias Bleicker, Julia Tesch, Barbara Mühlemann, Talitha Veith, Terry Jones, Christian Drosten
EPI_ISL_860850, EPI_ISL_860851	HIA PERCY, Biologie médicale	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, Foissaud Vincent
EPI_ISL_860947, EPI_ISL_860948, EPI_ISL_860949, EPI_ISL_860951, EPI_ISL_860952, EPI_ISL_860953, EPI_ISL_860954, EPI_ISL_860959, EPI_ISL_860961, EPI_ISL_860962, EPI_ISL_860966, EPI_ISL_860968, EPI_ISL_860971, EPI_ISL_860976, EPI_ISL_860979, EPI_ISL_860981, EPI_ISL_860983, EPI_ISL_860986, EPI_ISL_860987, EPI_ISL_860988, EPI_ISL_860989, EPI_ISL_860990, EPI_ISL_860991, EPI_ISL_860992, EPI_ISL_860995, EPI_ISL_860996, EPI_ISL_860998, EPI_ISL_860999, EPI_ISL_861001, EPI_ISL_861005, EPI_ISL_861006, EPI_ISL_861007, EPI_ISL_861012, EPI_ISL_861014, EPI_ISL_861015, EPI_ISL_861018, EPI_ISL_861023, EPI_ISL_861025, EPI_ISL_861027, EPI_ISL_861028, EPI_ISL_861031, EPI_ISL_861034, EPI_ISL_861035, EPI_ISL_861036, EPI_ISL_861037, EPI_ISL_861038, EPI_ISL_861042, EPI_ISL_861043, EPI_ISL_861046, EPI_ISL_861049, EPI_ISL_861053, EPI_ISL_861054, EPI_ISL_861055, EPI_ISL_861057, EPI_ISL_861059, EPI_ISL_861060, EPI_ISL_861062, EPI_ISL_861075, EPI_ISL_861076, EPI_ISL_861079, EPI_ISL_861082, EPI_ISL_861084, EPI_ISL_861087, EPI_ISL_861090, EPI_ISL_861091, EPI_ISL_861093, EPI_ISL_861095, EPI_ISL_861096, EPI_ISL_861099			
see above	Johns Hopkins Hospital Department of Pathology	Johns Hopkins Hospital Department of Pathology	C. Paul Morris, Chun Huai Luo, Adannaya Amadi, Nicholas Gallagher, Heba H. Mostafa
EPI_ISL_861117	Wadsworth Center, New York State Department of Health	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_861124, EPI_ISL_861126, EPI_ISL_861132	New York Presbyterian 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_861178	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_861189, EPI_ISL_861198	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_861201, EPI_ISL_861204, EPI_ISL_861206, EPI_ISL_861209	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_861332	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_861333, EPI_ISL_861367, EPI_ISL_861368, EPI_ISL_861372, EPI_ISL_861375, EPI_ISL_861378, EPI_ISL_861381, EPI_ISL_861384, EPI_ISL_861389, EPI_ISL_861390, EPI_ISL_861395, EPI_ISL_861396, EPI_ISL_861407			
see above	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_861416	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_861443, EPI_ISL_861444, EPI_ISL_861446, EPI_ISL_861447, EPI_ISL_861448, EPI_ISL_861449, EPI_ISL_861450, EPI_ISL_861451, EPI_ISL_861452, EPI_ISL_861453, EPI_ISL_861454, EPI_ISL_861455			
see above	Clinical Molecular Microbiology Laboratory, UNC Hospitals	Jeremy Wang	Jeremy Wang, Alexander Rubinsteyn, Colleen Rice, Jason Smedberg, Melissa Miller, Corbin Jones, Robert Hagan
EPI_ISL_861473	Gundersen Molecular Diagnostics Laboratory	Kabara Cancer Research Institute	Craig S. Richmond, Paraic A. Kenny
EPI_ISL_861488	Cerballiance Côte d'Azur	CERBA LAB	Prots.L; Pichon R; Barrieu-Moussat S.
EPI_ISL_861489	Cerballiance Côte d'Azur	CERBA LAB	Adjtouth Z; Mangiarotti T; Prots L.
EPI_ISL_861490	Cerballiance Côte d'Azur	CERBA LAB	De La Chapelle A; Prots.L;
EPI_ISL_861491	Cerballiance Côte d'Azur	CERBA LAB	Chobert F; Prots.L
EPI_ISL_861492	Cerballiance Côte d'Azur	CERBA LAB	Barrieu-Moussat S;Adoul O;Boudjahem Z; Roman E; Chaudet L; Martin L; Aankour N; Jaugin P; Gastaud S; Prots L.
EPI_ISL_861493	Cerballiance Côte d'Azur	CERBA LAB	Marius M; Barsanti M; Maltese S; Francois J; Sinsoulieu T; Van Der Rhyn I; Morello V; Marcadal M; Gandillet A; Prots L.
EPI_ISL_861494	Cerballiance Côte d'Azur	CERBA LAB	Prots L. Raimondi V.
EPI_ISL_861495	Cerballiance Côte d'Azur	CERBA LAB	Pichon R. Quintle S; Sanza O; Mangiarotti T; Viltard B; Prots L.
EPI_ISL_861497	Cerballiance Centre Est	CERBA LAB	Chanard C; Gazzano V; Munier C; Prots L.
EPI_ISL_861500, EPI_ISL_861501, EPI_ISL_861502	Cerballiance Centre Est	CERBA LAB	Chanard E; Gazzano V; Munier C; Prots L.
EPI_ISL_861539, EPI_ISL_861540, EPI_ISL_861550, EPI_ISL_861557, EPI_ISL_861595, EPI_ISL_861596, EPI_ISL_861597, EPI_ISL_861598, EPI_ISL_861599, EPI_ISL_861600, EPI_ISL_861601, EPI_ISL_861602, EPI_ISL_861603, EPI_ISL_861604, EPI_ISL_861605, EPI_ISL_861608, EPI_ISL_861609, EPI_ISL_861610, EPI_ISL_861611, EPI_ISL_861612, EPI_ISL_861614			
see above	Instituto Nacional de Saude (INSA)	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_861683	Complexo Hospitalar Padre Bento de Guarulhos	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_861685	Hospital Pronto Socorro Itaquera	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_861693, EPI_ISL_861695	Los Angeles County PHL	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_861712, EPI_ISL_861713	Laboratory for Respiratory Viruses, Cantacuzino National Military-Medical Institute for Research and Development	Cantacuzino Institute Virology	Mihaela Lazar, Luiza Ustea, Nicoleta Paraschiv, Tim Durfee
EPI_ISL_862048	Respiratory Virus Unit, National Infection Service, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team
EPI_ISL_862051	Multidisciplinary Research Unit, DHR-ICMR, Institute of Medical Sciences, Banaras Hindu University	Multidisciplinary Research Unit, DHR-ICMR, Institute of Medical Sciences, Banaras Hindu University	Priyoneel Basu, Ashish, Nitish Kumar Singh, Abhay Kumar Yadav, Manpreet Kaur, Arup Acharjee, Deepa Devadas, Chetan Sahni, Sanjay Kumar, Tribhuwan Mohan Mahapatra, Richa Arya, Prashant Singh, Jay Prakash Maurya, Surendra Pratap Mishra, Royana Singh
EPI_ISL_862163, EPI_ISL_862165, EPI_ISL_862167, EPI_ISL_862178, EPI_ISL_862179	Charité Universitätsmedizin Berlin, Institut für Virologie/Labor Berlin	Charité Universitätsmedizin Berlin, Institut für Virologie	Victor M Corman, Barbara Mühlemann, Jörn Beheim-Schwarzbach, Tobias Bleicker, Julia Tesch, Talitha Veith, Julia Schneider, Terry Jones, Christian Drosten
EPI_ISL_862191, EPI_ISL_862193, EPI_ISL_862195, EPI_ISL_862196, EPI_ISL_862197, EPI_ISL_862198, EPI_ISL_862200, EPI_ISL_862201, EPI_ISL_862204, EPI_ISL_862207, EPI_ISL_862208, EPI_ISL_862210, EPI_ISL_862211, EPI_ISL_862212, EPI_ISL_862214, EPI_ISL_862220, EPI_ISL_862222, EPI_ISL_862225, EPI_ISL_862227, EPI_ISL_862229, EPI_ISL_862230, EPI_ISL_862231, EPI_ISL_862235, EPI_ISL_862236, EPI_ISL_862238, EPI_ISL_862240, EPI_ISL_862241, EPI_ISL_862243, EPI_ISL_862245, EPI_ISL_862246, EPI_ISL_862247, EPI_ISL_862252, EPI_ISL_862256, EPI_ISL_862260, EPI_ISL_862263			
see above	Respiratory Virus Unit, National Infection Service, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium	PHE Covid Sequencing Team
EPI_ISL_862672, EPI_ISL_862674, EPI_ISL_862686, EPI_ISL_862687, EPI_ISL_862693, EPI_ISL_862694, EPI_ISL_862695, EPI_ISL_862700, EPI_ISL_862701, EPI_ISL_862703, EPI_ISL_862704, EPI_ISL_862706			
see above	New Mexico Department of Health Scientific Laboratory	New Mexico Department of Health Scientific Laboratory	D'eldra Malone, Ellie Johnson, Anastacia Griego-Fisher
EPI_ISL_862788	Cancer Biology Department, National Cancer Institute	Cancer Biology Department, National Cancer Institute	Zekri,A.N., Sedawy,M.G., Ahmed,O.S., Hafez,M.M., Soliman,H.K., Bahnassy,A.A., Elhosiény,F.W., Gad,A.E., Hamdy,M.S., Soliman,M.S., Soliman,L., Abouelhoda,M.
EPI_ISL_862831, EPI_ISL_862833, EPI_ISL_862834, EPI_ISL_862835, EPI_ISL_862836	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 Casanguiu, Petre Milu, Andreea Tudor, Simona Paraschiv, Dan Otelea
EPI_ISL_862892, EPI_ISL_862893, EPI_ISL_862895, EPI_ISL_862896, EPI_ISL_862897, EPI_ISL_862899, EPI_ISL_862901, EPI_ISL_862905, EPI_ISL_862908, EPI_ISL_862913, EPI_ISL_862914, EPI_ISL_862916, EPI_ISL_862920, EPI_ISL_862926, EPI_ISL_862928, EPI_ISL_862930, EPI_ISL_862932, EPI_ISL_862933, EPI_ISL_862939, EPI_ISL_862942, EPI_ISL_862943, EPI_ISL_862944, EPI_ISL_862945, EPI_ISL_862946, EPI_ISL_862953, EPI_ISL_862954, EPI_ISL_862959, EPI_ISL_862960, EPI_ISL_862961, EPI_ISL_862964, EPI_ISL_862965, EPI_ISL_862969, EPI_ISL_862970, EPI_ISL_862972, EPI_ISL_862973, EPI_ISL_862974, EPI_ISL_862975, EPI_ISL_862977, EPI_ISL_862978, EPI_ISL_862980, EPI_ISL_862982, EPI_ISL_862984, EPI_ISL_862986, EPI_ISL_862987, EPI_ISL_862991, EPI_ISL_862993, EPI_ISL_862994, EPI_ISL_862995, EPI_ISL_862999, EPI_ISL_863005, EPI_ISL_863006, EPI_ISL_863009, EPI_ISL_863011, EPI_ISL_863012, EPI_ISL_863014, EPI_ISL_863020, EPI_ISL_863021, EPI_ISL_863022, EPI_ISL_863024, EPI_ISL_863025, EPI_ISL_863026, EPI_ISL_863029, EPI_ISL_863039, EPI_ISL_863040, EPI_ISL_863043, EPI_ISL_863045, EPI_ISL_863054, EPI_ISL_863057, EPI_ISL_863059, EPI_ISL_863060, EPI_ISL_863062, EPI_ISL_863063, EPI_ISL_863064, EPI_ISL_863068, EPI_ISL_863073, EPI_ISL_863075, EPI_ISL_863085, EPI_ISL_863086, EPI_ISL_863087, EPI_ISL_863088, EPI_ISL_863092, EPI_ISL_863097, EPI_ISL_863098, EPI_ISL_863102, EPI_ISL_863104, EPI_ISL_863109, EPI_ISL_863111, EPI_ISL_863113, EPI_ISL_863114, EPI_ISL_863119, EPI_ISL_863120, EPI_ISL_863123, EPI_ISL_863124, EPI_ISL_863125, EPI_ISL_863127, EPI_ISL_863128, EPI_ISL_863130, EPI_ISL_863131, EPI_ISL_863133, EPI_ISL_863142, EPI_ISL_863146, EPI_ISL_863149, EPI_ISL_863150, EPI_ISL_863153, EPI_ISL_863157, EPI_ISL_863159, EPI_ISL_863163, EPI_ISL_863166, EPI_ISL_863167, EPI_ISL_863170, EPI_ISL_863172, EPI_ISL_863173, EPI_ISL_863176, EPI_ISL_863177, EPI_ISL_863178, EPI_ISL_863182, EPI_ISL_863184, EPI_ISL_863185, EPI_ISL_863186, EPI_ISL_863187, EPI_ISL_863190, EPI_ISL_863191, EPI_ISL_863194, EPI_ISL_863195, EPI_ISL_863196, EPI_ISL_863197, EPI_ISL_863199, EPI_ISL_863200, EPI_ISL_863208, EPI_ISL_863209, EPI_ISL_863213, EPI_ISL_863214, EPI_ISL_863219, EPI_ISL_863220, EPI_ISL_863221, EPI_ISL_863224, EPI_ISL_863225, EPI_ISL_863227, EPI_ISL_863228, EPI_ISL_863229, EPI_ISL_863231, EPI_ISL_863237, EPI_ISL_863239, EPI_ISL_863241, EPI_ISL_863242, EPI_ISL_863244			
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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_863245, EPI_ISL_863247, EPI_ISL_863249, EPI_ISL_863252	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_863254	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_863255, EPI_ISL_863257	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison,

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EPI_ISL_872284, EPI_ISL_872285, EPI_ISL_872286, EPI_ISL_872287, EPI_ISL_872288	Labo Analyses Med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf
EPI_ISL_872291, EPI_ISL_872295, EPI_ISL_872296	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,Guigon AuréLie
EPI_ISL_872298, EPI_ISL_872299, EPI_ISL_872301, EPI_ISL_872302, EPI_ISL_872303, EPI_ISL_872305	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,Florin CéCile
EPI_ISL_872306, EPI_ISL_872307	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,Castelain Sandrine
EPI_ISL_872308	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,Brichler Ségolène
EPI_ISL_872314	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,Amzalag Jonas
EPI_ISL_872322	Labo Analyses Med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf
EPI_ISL_872325	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,Brichler Ségolène
EPI_ISL_872330, EPI_ISL_872331, EPI_ISL_872332, EPI_ISL_872334, EPI_ISL_872337	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,Combe Patrice
EPI_ISL_872500, EPI_ISL_872551, EPI_ISL_872553	New Mexico Department of Health Scientific Laboratory	Center for Global Health, University of New Mexico Health Sciences Center	Daryl Domman, Kurt Schwalm, Twila Kunde, Joseph Hicks, Anastacia Griego, Michael Edwards, Darrell Dinwiddie
EPI_ISL_872781, EPI_ISL_872782, EPI_ISL_872786, EPI_ISL_872788, EPI_ISL_872793, EPI_ISL_872795, EPI_ISL_872799, EPI_ISL_872803, EPI_ISL_872805, EPI_ISL_872808, EPI_ISL_872812, EPI_ISL_872813, EPI_ISL_872816, EPI_ISL_872818, EPI_ISL_872821, EPI_ISL_872846, EPI_ISL_872848, EPI_ISL_872881, EPI_ISL_872883, EPI_ISL_872887, EPI_ISL_872888, EPI_ISL_872889, EPI_ISL_872891, EPI_ISL_872894, EPI_ISL_872895, EPI_ISL_872896	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
see above	University of Wisconsin-Madison AIDS Vaccine Research Laboratories	University of Wisconsin-Madison AIDS Vaccine Research Laboratories	
EPI_ISL_872973, EPI_ISL_872980, EPI_ISL_872982, EPI_ISL_873029, EPI_ISL_873032, EPI_ISL_873036, EPI_ISL_873039	HELIX LLC	WHO National Influenza Centre Russian Federation	Andrey Komissarov, Artem Fadeev, Anna Ivanova, Kseniya Komissarova, Dmitry Bazhenov, Mikhail Bakaev, Daria Danilenko, Ksenia Safina, Elena Nabieva, Georgii Bazykin, Dmitry Lioznov
EPI_ISL_873046, EPI_ISL_873090, EPI_ISL_873157	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_873164	Medical Laboratory Sciences, Arab American University	Medical Laboratory Sciences, Arab American University	Dumaidi,k., Al-Jawabreh,A., Ereqat,S., Al-Jawabreh,H., Nasereddin,A.
EPI_ISL_873184, EPI_ISL_873188, EPI_ISL_873190, EPI_ISL_873191, EPI_ISL_873192, EPI_ISL_873193	Microbiology Division, South Carolina Department of Health and Environmental Control (SC DHEC)	Microbiology Division, South Carolina Department of Health and Environmental Control (SC DHEC)	Flores,H., Freeman,J.
EPI_ISL_873258, EPI_ISL_873261, EPI_ISL_873263, EPI_ISL_873264, EPI_ISL_873265, EPI_ISL_873266, EPI_ISL_873267, EPI_ISL_873268, EPI_ISL_873269	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_873270, EPI_ISL_873271	Minnesota Department of Health, Public Health Laboratory	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_873281	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_873283	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_873287, EPI_ISL_873296	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_873297	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_873298	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_873302, EPI_ISL_873304, EPI_ISL_873306, EPI_ISL_873316	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_873317, EPI_ISL_873321, EPI_ISL_873332	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_873339, EPI_ISL_873342, EPI_ISL_873347, EPI_ISL_873348	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_873351, EPI_ISL_873356	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_873364, EPI_ISL_873365	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_873367, EPI_ISL_873378, EPI_ISL_873392, EPI_ISL_873394, EPI_ISL_873396, EPI_ISL_873398	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_873399	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_873402, EPI_ISL_873405, EPI_ISL_873406, EPI_ISL_873413, EPI_ISL_873414, EPI_ISL_873424	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_873428, EPI_ISL_873431,	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK	Rob Howes, The Lighthouse Lab in Cambridge and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston,



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EPI_ISL_882642, EPI_ISL_882643	Genetics Azerbaijan National Hematology Center Division of Medical Genetics	Genetics Azerbaijan National Hematology Center Division of Medical Genetics	Aghayev Agha Rza
EPI_ISL_882665	Unidade de Pronto Atendimento Dra Zilda Arns	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valesa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_882670	Hospital Samaritano Paulista	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valesa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_882671, EPI_ISL_882672	Hospital Municipal Dr. Guido Guida	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valesa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_882919	INMI Lazzaro Spallanzani IRCCS	INMI Lazzaro Spallanzani IRCCS	C.E.M Gruber, B Bartolini, E Giombini, M Rueca, O Butera, F Messina, A Di Caro, MR Capobianchi
EPI_ISL_882920	INMI Lazzaro Spallanzani IRCCS	INMI Lazzaro Spallanzani IRCCS	M Rueca, E Giombini, C.E.M Gruber, B Bartolini, O Butera, F Messina, A Di Caro, MR Capobianchi
EPI_ISL_882922	Sant'Eugenio/CTO ASL Roma 2	INMI Lazzaro Spallanzani IRCCS	E Giombini, M Rueca, B Bartolini, O Butera, C.E.M Gruber, F Messina, F Bondanini, GC Coccioilillo, C Disegni, MR Capobianchi, A Di Caro
EPI_ISL_882926	INMI Lazzaro Spallanzani IRCCS	INMI Lazzaro Spallanzani IRCCS	B Bartolini, O Butera, C.E.M Gruber, M Rueca, F Messina, E Giombini, MR Capobianchi, A Di Caro
EPI_ISL_882927	INMI Lazzaro Spallanzani IRCCS	INMI Lazzaro Spallanzani IRCCS	M Rueca, E Giombini, C.E.M Gruber, B Bartolini, O Butera, F Messina, A Di Caro, MR Capobianchi
EPI_ISL_882928	INMI Lazzaro Spallanzani IRCCS	INMI Lazzaro Spallanzani IRCCS	F Messina, O Butera, E Giombini, M Rueca, B Bartolini, C.E.M Gruber, MR Capobianchi, A Di Caro
EPI_ISL_882929	INMI Lazzaro Spallanzani IRCCS	INMI Lazzaro Spallanzani IRCCS	C.E.M Gruber, B Bartolini, E Giombini, M Rueca, O Butera, F Messina, A Di Caro, MR Capobianchi
EPI_ISL_882930	INMI Lazzaro Spallanzani IRCCS	INMI Lazzaro Spallanzani IRCCS	E Giombini, M. Rueca, B Bartolini, O Butera, C.E.M Gruber, F Messina, MR Capobianchi, A Di Caro
EPI_ISL_882931	INMI Lazzaro Spallanzani IRCCS	INMI Lazzaro Spallanzani IRCCS	B Bartolini, O Butera, C.E.M Gruber, M Rueca, F Messina, E Giombini, MR Capobianchi, A Di Caro
EPI_ISL_882932	INMI Lazzaro Spallanzani IRCCS	INMI Lazzaro Spallanzani IRCCS	F Messina, O Butera, E Giombini, M Rueca, B Bartolini, C.E.M Gruber, MR Capobianchi, A Di Caro
EPI_ISL_882933	Sant'Eugenio/CTO ASL Roma 2	INMI Lazzaro Spallanzani IRCCS	E Giombini, M. Rueca, B Bartolini, O Butera, C.E.M Gruber, F Bondanini, GC Coccioilillo, C Disegni, F Messina, MR Capobianchi, A Di Caro
EPI_ISL_882934	Sant'Eugenio/CTO ASL Roma 2	INMI Lazzaro Spallanzani IRCCS	B Bartolini, O Butera, C.E.M Gruber, M Rueca, F Messina, E Giombini, MR Capobianchi, A Di Caro
EPI_ISL_882935	Sant'Eugenio/CTO ASL Roma 2	INMI Lazzaro Spallanzani IRCCS	F Messina, O Butera, E Giombini, M Rueca, B Bartolini, C.E.M Gruber, F Bondanini, C Disegni, GC Coccioilillo, MR Capobianchi, A Di Caro
EPI_ISL_882936	Sant'Eugenio/CTO ASL Roma 2	INMI Lazzaro Spallanzani IRCCS	E Giombini, M Rueca, B Bartolini, O Butera, C.E.M Gruber, F Messina, F Bondanini, GC Coccioilillo, C Disegni, MR Capobianchi, A Di Caro
EPI_ISL_882937	Azienda Ospedaliera San Giovanni Addolorata	INMI Lazzaro Spallanzani IRCCS	F Messina, O Butera, E Giombini, M Rueca, B Bartolini, C.E.M Gruber, M Gaudio, PM Placanica, MR Capobianchi, A Di Caro
EPI_ISL_882939	Azienda Ospedaliera San Giovanni Addolorata	INMI Lazzaro Spallanzani IRCCS	B Bartolini, O Butera, C.E.M Gruber, M Rueca, F Messina, E Giombini, M Gaudio, PM Placanica, MR Capobianchi, A Di Caro
EPI_ISL_882940	Ospedale San Camillo De Lellis Rieti	INMI Lazzaro Spallanzani IRCCS	M Rueca, E Giombini, C.E.M Gruber, B Bartolini, O Butera, S Venarubea, A De Luca, L Casertano, F Messina, A Di Caro, MR Capobianchi
EPI_ISL_882942	Ospedale San Camillo De Lellis Rieti	INMI Lazzaro Spallanzani IRCCS	M Rueca, E Giombini, C.E.M Gruber, B Bartolini, O Butera, F Messina, S Venarubea, A De Luca, L Casertano, A Di Caro, MR Capobianchi
EPI_ISL_882943, EPI_ISL_882944, EPI_ISL_882945, EPI_ISL_882946, EPI_ISL_882947, EPI_ISL_882948	The National Institute of Public Health	State Veterinary Institute Prague	Nagy A,Jirincova,H;Vecerova,JTrnka,D
EPI_ISL_882967, EPI_ISL_882970, EPI_ISL_882973, EPI_ISL_882974, EPI_ISL_882975, EPI_ISL_882979, EPI_ISL_882980, EPI_ISL_882981, EPI_ISL_882982, EPI_ISL_882983, EPI_ISL_882984			
see above	UCLA Clinical Micro Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_882997, EPI_ISL_882998	Motion Picture Television Fund Hospital Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_882999, EPI_ISL_883000, EPI_ISL_883001, EPI_ISL_883002, EPI_ISL_883004, EPI_ISL_883005, EPI_ISL_883011, EPI_ISL_883015, EPI_ISL_883018, EPI_ISL_883019, EPI_ISL_883020, EPI_ISL_883021, EPI_ISL_883022, EPI_ISL_883023, EPI_ISL_883024, EPI_ISL_883025, EPI_ISL_883026, EPI_ISL_883027, EPI_ISL_883028, EPI_ISL_883029, EPI_ISL_883030, EPI_ISL_883031, EPI_ISL_883032			
see above	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_883288, EPI_ISL_883289	SIESP CHIETI-DRIVE IN ORTONA	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_883290	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_883292	SIESP CHIETI-DRIVE IN ORTONA	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_883294, EPI_ISL_883295, EPI_ISL_883297	RP Guardagrele-Ospedale di Comunità	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_883299, EPI_ISL_883304, EPI_ISL_883305	SIESP DIPARTIMENTO DI PREVENZIONE CHIE	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_883317	Pandemic Response Laboratory	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_883318, EPI_ISL_883319, EPI_ISL_883320, EPI_ISL_883321, EPI_ISL_883322, EPI_ISL_883323	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_883327	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_883328	OCME Office Of Chief Medical Examiner	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_883332	Department of Homeless Services	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_883333, EPI_ISL_883334	DOHMH Riverside	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_883337	DOHMH Crown Heights	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_883338	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_883339	DOHMH Chelsea	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_883340, EPI_ISL_883341, EPI_ISL_883343	DOHMH PHL	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_883345, EPI_ISL_883352, EPI_ISL_883353	OCME Office Of Chief Medical Examiner	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_883354, EPI_ISL_883355, EPI_ISL_883356	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_883357, EPI_ISL_883358, EPI_ISL_883360	DOHMH Crown Heights	New York City Public Health Laboratory	Jade Wang, et al.



EPI_ISL_883361, EPI_ISL_883362, EPI_ISL_883363	DOHMH PHL	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_883365, EPI_ISL_883366, EPI_ISL_883367	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_883368	DOHMH Chelsea	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_883371, EPI_ISL_883372	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_883373	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_883376, EPI_ISL_883377, EPI_ISL_883378	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_883380, EPI_ISL_883382	DOHMH PHL	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_883384, EPI_ISL_883389	Pandemic Response Laboratory	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_883391, EPI_ISL_883392, EPI_ISL_883394	OCME Office Of Chief Medical Examiner	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_883396	Department of Homeless Services	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_883398, EPI_ISL_883400, EPI_ISL_883402, EPI_ISL_883404, EPI_ISL_883405, EPI_ISL_883407	OCME Office Of Chief Medical Examiner	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_883409	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_883410	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_883412	DOHMH Crown Heights	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_883413, EPI_ISL_883414	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_883417	DOHMH Fort Greene	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_883418, EPI_ISL_883420, EPI_ISL_883421, EPI_ISL_883422, EPI_ISL_883423	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_883435	NORTHWELL HEALTH 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_883436, EPI_ISL_883438, EPI_ISL_883441, EPI_ISL_883443	ADIRONDACK 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_883450, EPI_ISL_883460, EPI_ISL_883466, EPI_ISL_883468, EPI_ISL_883469	NORTHWELL HEALTH 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_883473	ADIRONDACK 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_883482, EPI_ISL_883487, EPI_ISL_883488, EPI_ISL_883489, EPI_ISL_883492, EPI_ISL_883493, EPI_ISL_883495	NORTHWELL HEALTH 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_884000	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,Rousset Dominique
EPI_ISL_884011	ALBANY MEDICAL CENTER HOSPITAL CLINICAL 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_884013, EPI_ISL_884016	Wadsworth Center, New York State Department of Health	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_884025, EPI_ISL_884027	ALBANY MEDICAL CENTER HOSPITAL CLINICAL 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_884032, EPI_ISL_884033, EPI_ISL_884034, EPI_ISL_884041, EPI_ISL_884047	Wadsworth Center, New York State Department of Health	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_884054	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_884058	Wadsworth Center, New York State Department of Health	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_884089, EPI_ISL_884091, EPI_ISL_884092, EPI_ISL_884093, EPI_ISL_884095, EPI_ISL_884097, EPI_ISL_884098, EPI_ISL_884099, EPI_ISL_884100, EPI_ISL_884101, EPI_ISL_884102, EPI_ISL_884103, EPI_ISL_884104, EPI_ISL_884105, EPI_ISL_884106, EPI_ISL_884107, EPI_ISL_884108, EPI_ISL_884109, EPI_ISL_884110, EPI_ISL_884111, EPI_ISL_884112, EPI_ISL_884113, EPI_ISL_884114, EPI_ISL_884115, EPI_ISL_884116, EPI_ISL_884117, EPI_ISL_884118, EPI_ISL_884119, EPI_ISL_884120, EPI_ISL_884121, EPI_ISL_884122, EPI_ISL_884123, EPI_ISL_884124, EPI_ISL_884125, EPI_ISL_884126, EPI_ISL_884127, EPI_ISL_884128, EPI_ISL_884129, EPI_ISL_884130, EPI_ISL_884131, EPI_ISL_884132, EPI_ISL_884133, EPI_ISL_884134, EPI_ISL_884135, EPI_ISL_884136, EPI_ISL_884137, EPI_ISL_884138, EPI_ISL_884139, EPI_ISL_884140, EPI_ISL_884141, EPI_ISL_884142, EPI_ISL_884143, EPI_ISL_884144, EPI_ISL_884145, EPI_ISL_884146, EPI_ISL_884147, EPI_ISL_884148			
see above	Eurofins Diatherix	Hudsonalpha Genome Sequencing Center	Jane Grimwood, Melissa Williams, Lori H. Handley, Joshua Stough, Leslie Malone, Stefan Brzezinski, Ada Stewart, Teresa Jones, Jenell Webber, John Lovell, Jennifer Cart, and Jeremy Schmutz
EPI_ISL_884582, EPI_ISL_884588, EPI_ISL_884609, EPI_ISL_884611, EPI_ISL_884622, EPI_ISL_884627, EPI_ISL_884652, EPI_ISL_884656, EPI_ISL_884657, EPI_ISL_884659, EPI_ISL_884660, EPI_ISL_884671, EPI_ISL_884691, EPI_ISL_884707, EPI_ISL_884726, EPI_ISL_884752, EPI_ISL_884760, EPI_ISL_884776, EPI_ISL_884777, EPI_ISL_884780			
see above	Respiratory Viruses Branch, Centers for Disease Control and Prevention	Respiratory Viruses Branch, Centers for Disease Control and Prevention	Cook,P.W., Batra,D., Rambo-Martin,B.L., de Feo,E., Antico,J., Tran,C., Tolentino,M., Wickline,S., Gietzen,K., Sickler,B., Liu,J., Allen,E., Febbo,P., Galloway,S., Washington,N.L., White,S., Levan,G., Barret,K.S., Cirulli,E., Bolze,A., Ascencio,A., Rivera-Garcia,C., Cho,R., Nguyen,J., Wang,S., Ramirez,J., Cassens,T., Sandoval,E., Isaksson,M., Lee,W., Becker,D., Laurent,M., Lu,J., Paden,C.R., Tong,S., MacCannell,D.
EPI_ISL_884860	Bacteriology, Georgia Public Health Laboratory (GPHL)	Bacteriology, Georgia Public Health Laboratory (GPHL)	Reeves,S., Edwards,J., Dixey,C., Parrott,T.
EPI_ISL_885022, EPI_ISL_885028, EPI_ISL_885029, EPI_ISL_885037, EPI_ISL_885038	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Ciliahub Consortium
EPI_ISL_885143	Central public health laboratory	Molecular Diagnostics Department, Central public health laboratory	Dier,H., Dlishad,H., Furat,S., Sharmeen,F.-A., Dalia,F., Mohsen,A.,Hermdad,A., Fahmi,A., Hemn,M. and Idrees,H.



EPI_ISL_888818	Platform BIS UZA/UAntwerpen, University Hospital Antwerp, Edegem, Belgium	UAntwerp, Laboratory of Medical Microbiology, Campus Drie Eiken S6.26, Universiteitsplein 1, 2610, Wilrijk, Antwerp, Belgium	Basil Britto Xavier, Jasmine Coppens, Christine Lammens, Veerle Matheeußen, Herman Goossens	
EPI_ISL_888823, EPI_ISL_888825	GZA Sint-Augustinus Hospital	UAntwerp, Laboratory of Medical Microbiology, Campus Drie Eiken S6.26, Universiteitsplein 1, 2610, Wilrijk, Antwerp, Belgium	Basil Britto Xavier, Jasmine Coppens, Christine Lammens, Veerle Matheeußen, Herman Goossens	
EPI_ISL_888920, EPI_ISL_888921, EPI_ISL_888923, EPI_ISL_888924, EPI_ISL_888931, EPI_ISL_888933	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Bailey Bowcutt, and Wanda Manley	
EPI_ISL_888997	RSU Asysyifaa	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Sukma Oktavianthi, Willy Agustine, Edison Johar, Hidayat Trimarsanto, Iskandar Adnan, Lydia V. Panggalo, Frilasita A Yudhaputri, Safarina G Malik, Khin Saw Myint, Amin Soebandrio	
EPI_ISL_888998	RSUD Cileungsi	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Sukma Oktavianthi, Willy Agustine, Edison Johar, Hidayat Trimarsanto, Iskandar Adnan, Lydia V. Panggalo, Frilasita A Yudhaputri, Safarina G Malik, Khin Saw Myint, Amin Soebandrio	
EPI_ISL_888999	RS Mitra Keluarga Cibubur	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Sukma Oktavianthi, Willy Agustine, Edison Johar, Hidayat Trimarsanto, Iskandar Adnan, Lydia V. Panggalo, Frilasita A Yudhaputri, Safarina G Malik, Khin Saw Myint, Amin Soebandrio	
EPI_ISL_889004	RS Mitra Keluarga Gading Serpong	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Willy Agustine, Edison Johar, Hidayat Trimarsanto, Iskandar Adnan, Lydia V. Panggalo, Sukma Oktavianthi, Frilasita A Yudhaputri, Safarina G Malik, Khin Saw Myint, Amin Soebandrio	
EPI_ISL_889005	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Willy Agustine, Edison Johar, Hidayat Trimarsanto, Iskandar Adnan, Lydia V. Panggalo, Sukma Oktavianthi, Frilasita A Yudhaputri, Safarina G Malik, Khin Saw Myint, Amin Soebandrio	
EPI_ISL_889006	RSU Harapan Bunda	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Willy Agustine, Edison Johar, Hidayat Trimarsanto, Iskandar Adnan, Lydia V. Panggalo, Sukma Oktavianthi, Frilasita A Yudhaputri, Safarina G Malik, Khin Saw Myint, Amin Soebandrio	
EPI_ISL_889007	RSUD Cileungsi	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Willy Agustine, Edison Johar, Hidayat Trimarsanto, Iskandar Adnan, Lydia V. Panggalo, Sukma Oktavianthi, Frilasita A Yudhaputri, Safarina G Malik, Khin Saw Myint, Amin Soebandrio	
EPI_ISL_889018	RSU Medika Dramaga	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Lydia V. Panggalo, Sukma Oktavianthi, Willy Agustine, Edison Johar, Hidayat Trimarsanto, Iskandar Adnan, Frilasita A Yudhaputri, Safarina G Malik, Khin Saw Myint, Amin Soebandrio	
EPI_ISL_889019	RSIA Sayyidah	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Lydia V. Panggalo, Sukma Oktavianthi, Willy Agustine, Edison Johar, Hidayat Trimarsanto, Iskandar Adnan, Frilasita A Yudhaputri, Safarina G Malik, Khin Saw Myint, Amin Soebandrio	
EPI_ISL_889552, EPI_ISL_889553, EPI_ISL_889554, EPI_ISL_889555, EPI_ISL_889556, EPI_ISL_889557, EPI_ISL_889558, EPI_ISL_889559, EPI_ISL_889560, EPI_ISL_889561, EPI_ISL_889562, EPI_ISL_889563, EPI_ISL_889564, EPI_ISL_889565, EPI_ISL_889566, EPI_ISL_889567, EPI_ISL_889568, EPI_ISL_889569, EPI_ISL_889570, EPI_ISL_889571, EPI_ISL_889572, EPI_ISL_889573, EPI_ISL_889574, EPI_ISL_889575, EPI_ISL_889576, EPI_ISL_889577, EPI_ISL_889578, EPI_ISL_889579, EPI_ISL_889580, EPI_ISL_889581, EPI_ISL_889582, EPI_ISL_889583, EPI_ISL_889584, EPI_ISL_889585, EPI_ISL_889586, EPI_ISL_889587, EPI_ISL_889588, EPI_ISL_889589, EPI_ISL_889590, EPI_ISL_889591, EPI_ISL_889592, EPI_ISL_889593, EPI_ISL_889594, EPI_ISL_889595, EPI_ISL_889596, EPI_ISL_889597, EPI_ISL_889598, EPI_ISL_889599, EPI_ISL_889600, EPI_ISL_889601, EPI_ISL_889602, EPI_ISL_889603, EPI_ISL_889604, EPI_ISL_889605, EPI_ISL_889606, EPI_ISL_889607, EPI_ISL_889608, EPI_ISL_889609, EPI_ISL_889610, EPI_ISL_889611, EPI_ISL_889612, EPI_ISL_889613, EPI_ISL_889614, EPI_ISL_889615, EPI_ISL_889616, EPI_ISL_889617, EPI_ISL_889618, EPI_ISL_889619, EPI_ISL_889620, EPI_ISL_889621, EPI_ISL_889622, EPI_ISL_889623, EPI_ISL_889624, EPI_ISL_889625, EPI_ISL_889626, EPI_ISL_889686, EPI_ISL_889687, EPI_ISL_889688, EPI_ISL_889689, EPI_ISL_889690, EPI_ISL_889691, EPI_ISL_889692, EPI_ISL_889693, EPI_ISL_889694, EPI_ISL_889695, EPI_ISL_889696, EPI_ISL_889697, EPI_ISL_889698, EPI_ISL_889699, EPI_ISL_889700, EPI_ISL_889701, EPI_ISL_889703, EPI_ISL_889704, EPI_ISL_889705, EPI_ISL_889706, EPI_ISL_889707, EPI_ISL_889708, EPI_ISL_889709, EPI_ISL_889710, EPI_ISL_889711, EPI_ISL_889712, EPI_ISL_889713, EPI_ISL_889714, EPI_ISL_889715, EPI_ISL_889716, EPI_ISL_889717, EPI_ISL_889718, EPI_ISL_889720, EPI_ISL_889721, EPI_ISL_889722, EPI_ISL_889723, EPI_ISL_889724, EPI_ISL_889725, EPI_ISL_889726, EPI_ISL_889727, EPI_ISL_889728, EPI_ISL_889729, EPI_ISL_889730, EPI_ISL_889731, EPI_ISL_889732, EPI_ISL_889733, EPI_ISL_889734, EPI_ISL_889735, EPI_ISL_889736, EPI_ISL_889737, EPI_ISL_889738, EPI_ISL_889739, EPI_ISL_889740, EPI_ISL_889741, EPI_ISL_889742, EPI_ISL_889743, EPI_ISL_889744, EPI_ISL_889745, EPI_ISL_889746, EPI_ISL_889747, EPI_ISL_889748, EPI_ISL_889749, EPI_ISL_889750, EPI_ISL_889751, EPI_ISL_889752, EPI_ISL_889753, EPI_ISL_889754, EPI_ISL_889755, EPI_ISL_889756, EPI_ISL_889757, EPI_ISL_889758, EPI_ISL_889759, EPI_ISL_889760, EPI_ISL_889761, EPI_ISL_889762, EPI_ISL_889763, EPI_ISL_889764, EPI_ISL_889765, EPI_ISL_889766, EPI_ISL_889767, EPI_ISL_889768, EPI_ISL_889769, EPI_ISL_889770, EPI_ISL_889771, EPI_ISL_889772	see above	LSUHS Emerging Viral Threat Laboratory	Microbial Genome Sequencing Center	Jeremy P. Kamil, Jennifer L. Carroll, Camille F. Abshire, Maarten Van Diest, Mohammed N.A. Siddiquey, Andrew D. Yurochko, Martin J. Sapp, Rona S. Scott, Christopher G. Kevill, Daniel J. Snyder, Vaughn S. Cooper, John A. Vanchiere, Jeremy P. Kamil
EPI_ISL_889773, EPI_ISL_889774, EPI_ISL_889775	LSUHS Emerging Viral Threat Laboratory	Microbial Genome Sequencing Center	Mohammed N.A. Siddiquey, Jennifer L. Carroll, Camille F. Abshire, Maarten Van Diest, Andrew D. Yurochko, Martin J. Sapp, Rona S. Scott, Christopher G. Kevill, Daniel J. Snyder, Vaughn S. Cooper, John A. Vanchiere, Jeremy P. Kamil	
EPI_ISL_889776, EPI_ISL_889777, EPI_ISL_889778, EPI_ISL_889779, EPI_ISL_889780, EPI_ISL_889781, EPI_ISL_889782, EPI_ISL_889783, EPI_ISL_889784, EPI_ISL_889785	LSUHS Emerging Viral Threat Laboratory	Microbial Genome Sequencing Center	Maarten Van Diest, Jennifer L. Carroll, Camille F. Abshire, Mohammed N.A. Siddiquey, Andrew D. Yurochko, Martin J. Sapp, Rona S. Scott, Christopher G. Kevill, Daniel J. Snyder, Vaughn S. Cooper, John A. Vanchiere, Jeremy P. Kamil	
EPI_ISL_889786, EPI_ISL_889787, EPI_ISL_889788, EPI_ISL_889789, EPI_ISL_889790, EPI_ISL_889791	LSUHS Emerging Viral Threat Laboratory	Microbial Genome Sequencing Center	Jennifer L. Carroll, Rona S. Scott, Camille F. Abshire, Maarten Van Diest, Mohammed N.A. Siddiquey, Andrew D. Yurochko, Martin J. Sapp, Christopher G. Kevill, Daniel J. Snyder, Vaughn S. Cooper, John A. Vanchiere, Jeremy P. Kamil	
EPI_ISL_889792, EPI_ISL_889793, EPI_ISL_889794, EPI_ISL_889795, EPI_ISL_889796, EPI_ISL_889797, EPI_ISL_889798, EPI_ISL_889799, EPI_ISL_889800, EPI_ISL_889801	LSUHS Emerging Viral Threat Laboratory	Microbial Genome Sequencing Center	Rona S. Scott, Jennifer L. Carroll, Camille F. Abshire, Maarten Van Diest, Mohammed N.A. Siddiquey, Andrew D. Yurochko, Martin J. Sapp, Christopher G. Kevill, Daniel J. Snyder, Vaughn S. Cooper, John A. Vanchiere, Jeremy P. Kamil	
EPI_ISL_890280, EPI_ISL_890282, EPI_ISL_890283, EPI_ISL_890286, EPI_ISL_890287, EPI_ISL_890296, EPI_ISL_890298, EPI_ISL_890299, EPI_ISL_890300, EPI_ISL_890304, EPI_ISL_890305, EPI_ISL_890308, EPI_ISL_890313, EPI_ISL_890319, EPI_ISL_890320, EPI_ISL_890322, EPI_ISL_890333, EPI_ISL_890341	see above	KU Leuven, Rega Institute, Clinical and Epidemiological Virology	Tony Wawina-Bokalanga, Bert Vanmechelen, Joan Marti-Carerras, Piet Maes	
EPI_ISL_890352	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,Rousset Dominique	
EPI_ISL_890358	Hospital	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,Combe Patrice	
EPI_ISL_890363, EPI_ISL_890366	LSUHS Emerging Viral Threat Laboratory	Microbial Genome Sequencing Center	Jeremy P. Kamil, Jennifer L. Carroll, Camille F. Abshire, Maarten Van Diest, Mohammed N.A. Siddiquey, Andrew D. Yurochko, Martin J. Sapp, Rona S. Scott, Christopher G. Kevill, Daniel J. Snyder, Vaughn S. Cooper, John A. Vanchiere	
EPI_ISL_890981	Seattle Flu Study	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, Karen Cowgill, Stephanie Schrag, Jeff Duchin, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Helen Y. Chu, Trevor Bedford, Jay Shendure	
EPI_ISL_890985, EPI_ISL_891063	Seattle Flu Study	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, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Jay Shendure, Trevor Bedford, Helen Y. Chu	
EPI_ISL_891138	The Jackson Laboratory	The Jackson Laboratory	Lloyd M, Sanderson B, Srivastava A, Maurya R, Renzette N, Omerza G, Kelly K, Li L, Wei C L, Adams M	
EPI_ISL_891250	AZ Delta	AZ Delta	Geert Martens, Dieter De Smet, Brigitte Maes	
EPI_ISL_891275	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team	

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	Virology	Virology	
EPI_ISL_894220, EPI_ISL_894221, EPI_ISL_894224, EPI_ISL_894226, EPI_ISL_894229, EPI_ISL_894230, EPI_ISL_894231	CH de Mayotte - Laboratoire de Biologie	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, Combe Patrice
EPI_ISL_894249, EPI_ISL_894259, EPI_ISL_894261, EPI_ISL_894265, EPI_ISL_894266, EPI_ISL_894270, EPI_ISL_894271, EPI_ISL_894273	Ministry of Health Turkey	Ministry of Health Turkey	Fatma Bayrakdar, Yasemin Cogun, Süleyman Yalcin, Aye Baak Alta, Gülay Korukluolu
EPI_ISL_896073	Labormedizinisches Zentrum Dr Risch	University Hospital Basel, Clinical Bacteriology	Tim Roloff, Madlen Stange, Helena MB Seth-Smith, Alfredo Mari, Karoline Leuzinger, Julia Bielicki, Nadia Wohlwend, Martin Risch, Lorenz Risch, Manuel Battegay, Hans Hirsch, Adrian Egli
EPI_ISL_896074, EPI_ISL_896075, EPI_ISL_896076	Viollier AG	University Hospital Basel, Clinical Bacteriology	Tim Roloff, Madlen Stange, Helena MB Seth-Smith, Alfredo Mari, Karoline Leuzinger, Julia Bielicki, Christiane Beckmann, Manuel Battegay, Hans Hirsch, Adrian Egli
EPI_ISL_896077	Labormedizinisches Zentrum Dr Risch	University Hospital Basel, Clinical Bacteriology	Tim Roloff, Madlen Stange, Helena MB Seth-Smith, Alfredo Mari, Karoline Leuzinger, Julia Bielicki, Nadia Wohlwend, Martin Risch, Lorenz Risch, Manuel Battegay, Hans Hirsch, Adrian Egli
EPI_ISL_896078	Viollier AG	University Hospital Basel, Clinical Bacteriology	Tim Roloff, Madlen Stange, Helena MB Seth-Smith, Alfredo Mari, Karoline Leuzinger, Julia Bielicki, Christiane Beckmann, Manuel Battegay, Hans Hirsch, Adrian Egli
EPI_ISL_896079, EPI_ISL_896080, EPI_ISL_896081, EPI_ISL_896082, EPI_ISL_896083	Labormedizinisches Zentrum Dr Risch	University Hospital Basel, Clinical Bacteriology	Tim Roloff, Madlen Stange, Helena MB Seth-Smith, Alfredo Mari, Karoline Leuzinger, Julia Bielicki, Nadia Wohlwend, Martin Risch, Lorenz Risch, Manuel Battegay, Hans Hirsch, Adrian Egli
EPI_ISL_896086	Viollier AG	University Hospital Basel, Clinical Bacteriology	Tim Roloff, Madlen Stange, Helena MB Seth-Smith, Alfredo Mari, Karoline Leuzinger, Julia Bielicki, Christiane Beckmann, Manuel Battegay, Hans Hirsch, Adrian Egli
EPI_ISL_896096, EPI_ISL_896097	Labormedizinisches Zentrum Dr Risch	University Hospital Basel, Clinical Bacteriology	Tim Roloff, Madlen Stange, Helena MB Seth-Smith, Alfredo Mari, Karoline Leuzinger, Julia Bielicki, Nadia Wohlwend, Martin Risch, Lorenz Risch, Manuel Battegay, Hans Hirsch, Adrian Egli
EPI_ISL_896098	Rothen Medizinische Laboratorien AG	University Hospital Basel, Clinical Bacteriology	Tim Roloff, Madlen Stange, Helena MB Seth-Smith, Alfredo Mari, Karoline Leuzinger, Julia Bielicki, Ingrid Steffen, Manuel Battegay, Hans Hirsch, Adrian Egli
EPI_ISL_896100	Viollier AG	University Hospital Basel, Clinical Bacteriology	Tim Roloff, Madlen Stange, Helena MB Seth-Smith, Alfredo Mari, Karoline Leuzinger, Julia Bielicki, Christiane Beckmann, Manuel Battegay, Hans Hirsch, Adrian Egli
EPI_ISL_896106, EPI_ISL_896108, EPI_ISL_896115	Labormedizinisches Zentrum Dr Risch	University Hospital Basel, Clinical Bacteriology	Tim Roloff, Madlen Stange, Helena MB Seth-Smith, Alfredo Mari, Karoline Leuzinger, Julia Bielicki, Nadia Wohlwend, Martin Risch, Lorenz Risch, Manuel Battegay, Hans Hirsch, Adrian Egli
EPI_ISL_896167, EPI_ISL_896169, EPI_ISL_896209, EPI_ISL_896210, EPI_ISL_896211, EPI_ISL_896213, EPI_ISL_896214, EPI_ISL_896215	MEPHI, Aix Marseille University	MEPHI, Aix Marseille University	Anthony LEVASSEUR
EPI_ISL_896220, EPI_ISL_896221, EPI_ISL_896222, EPI_ISL_896223, EPI_ISL_896224, EPI_ISL_896225	SUNY UPSTATE MEDICAL UNIVERSITY	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_896232, EPI_ISL_896233	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_896235	SUNY UPSTATE MEDICAL UNIVERSITY	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_896236, EPI_ISL_896243	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_896248, EPI_ISL_896250, EPI_ISL_896251, EPI_ISL_896252, EPI_ISL_896253, EPI_ISL_896254, EPI_ISL_896255, EPI_ISL_896256, EPI_ISL_896257, EPI_ISL_896260, EPI_ISL_896261, EPI_ISL_896262, EPI_ISL_896263, EPI_ISL_896264, EPI_ISL_896266, EPI_ISL_896267, EPI_ISL_896268, EPI_ISL_896269, EPI_ISL_896270, EPI_ISL_896271, EPI_ISL_896273, EPI_ISL_896274, EPI_ISL_896275, EPI_ISL_896276, EPI_ISL_896277, EPI_ISL_896278, EPI_ISL_896280, EPI_ISL_896281, EPI_ISL_896284, EPI_ISL_896287, EPI_ISL_896288, EPI_ISL_896289, EPI_ISL_896291			
see above	SUNY UPSTATE MEDICAL UNIVERSITY	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_896303, EPI_ISL_896304, EPI_ISL_896306, EPI_ISL_896338, EPI_ISL_896339, EPI_ISL_896342, EPI_ISL_896350, EPI_ISL_896358, EPI_ISL_896359, EPI_ISL_896360, EPI_ISL_896361, EPI_ISL_896365, EPI_ISL_896366, EPI_ISL_896368, EPI_ISL_896369			
see above	New York Presbyterian 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_896385, EPI_ISL_896398, EPI_ISL_896399, EPI_ISL_896402, EPI_ISL_896412, EPI_ISL_896420	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_896422, EPI_ISL_896423, EPI_ISL_896431	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_896447, EPI_ISL_896448, EPI_ISL_896449, EPI_ISL_896451, EPI_ISL_896452, EPI_ISL_896453, EPI_ISL_896454, EPI_ISL_896455, EPI_ISL_896456, EPI_ISL_896457, EPI_ISL_896458, EPI_ISL_896459, EPI_ISL_896460, EPI_ISL_896461, EPI_ISL_896462, EPI_ISL_896463, EPI_ISL_896464, EPI_ISL_896465, EPI_ISL_896466, EPI_ISL_896467, EPI_ISL_896468, EPI_ISL_896469, EPI_ISL_896470, EPI_ISL_896471, EPI_ISL_896473, EPI_ISL_896474, EPI_ISL_896475, EPI_ISL_896476, EPI_ISL_896477, EPI_ISL_896478, EPI_ISL_896479, EPI_ISL_896480, EPI_ISL_896481, EPI_ISL_896482, EPI_ISL_896483, EPI_ISL_896484, EPI_ISL_896485, EPI_ISL_896489, EPI_ISL_896490, EPI_ISL_896491, EPI_ISL_896492, EPI_ISL_896493, EPI_ISL_896494			
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_896495, EPI_ISL_896496, EPI_ISL_896497, EPI_ISL_896502, EPI_ISL_896509, EPI_ISL_896510, EPI_ISL_896516, EPI_ISL_896517, EPI_ISL_896518, EPI_ISL_896519	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_896525, EPI_ISL_896534, EPI_ISL_896538, EPI_ISL_896551, EPI_ISL_896553, EPI_ISL_896556, EPI_ISL_896557, EPI_ISL_896558	New York Presbyterian 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_896566, EPI_ISL_896568	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_897613, EPI_ISL_897616, EPI_ISL_897617, EPI_ISL_897618, EPI_ISL_897620, EPI_ISL_897621, EPI_ISL_897622, EPI_ISL_897623, EPI_ISL_897625, EPI_ISL_897626, EPI_ISL_897627, EPI_ISL_897628, EPI_ISL_897629, EPI_ISL_897630, EPI_ISL_897632, EPI_ISL_897633, EPI_ISL_897634, EPI_ISL_897635, EPI_ISL_897636, EPI_ISL_897637, EPI_ISL_897638, EPI_ISL_897639, EPI_ISL_897640, EPI_ISL_897641, EPI_ISL_897642, EPI_ISL_897643, EPI_ISL_897644, EPI_ISL_897645, EPI_ISL_897646, EPI_ISL_897647, EPI_ISL_897648, EPI_ISL_897649, EPI_ISL_897650, EPI_ISL_897651, EPI_ISL_897652, EPI_ISL_897653,			



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see above	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, Tobias Schär, 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_899802, EPI_ISL_899803, EPI_ISL_899804, EPI_ISL_899807, EPI_ISL_899808	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_899838, EPI_ISL_899839, EPI_ISL_899843, EPI_ISL_899844, EPI_ISL_899845, EPI_ISL_899848, EPI_ISL_899849, EPI_ISL_899850	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, Tobias Schär, 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_899852, EPI_ISL_899853	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	
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EPI_ISL_899912, EPI_ISL_899913, EPI_ISL_899914, EPI_ISL_899915, EPI_ISL_899916	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, Tobias Schär, Ina Nissen, Natascha Santacroce, Elodie Burcklen, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler	
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EPI_ISL_900511	Oriade	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Règue, Quentin Semanas, Martine Valette, Bruno Lina, Sylvie Larrat, Laurence Josset	
EPI_ISL_900524	Labosud	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Règue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset	
EPI_ISL_902751	Ospedale Sandro Pertini ASL Roma2	INMI Lazzaro Spallanzani IRCCS	B Bartolini, O Butera, C.E.M Gruber, M Rueca, F Messina, E Giombini, G Cappiello, MC Cava, MR Capobianchi, A Di Caro	
EPI_ISL_902752	Ospedale Sandro Pertini ASL Roma2	INMI Lazzaro Spallanzani IRCCS	O Butera, F Messina, C.E.M Gruber, B Bartolini, E Giombini, M Rueca, S Romano, MC Cava, A Di Caro, MR Capobianchi	
EPI_ISL_902753	Azienda Ospedaliera San Camillo Forlanini	INMI Lazzaro Spallanzani IRCCS	C.E.M Gruber, B Bartolini, E Giombini, M Rueca, O Butera, F Messina, D.Gallone, G Parisi, A Di Caro, MR Capobianchi	
EPI_ISL_902759, EPI_ISL_902760, EPI_ISL_902761, EPI_ISL_902762, EPI_ISL_902763, EPI_ISL_902764, EPI_ISL_902765, EPI_ISL_902767, EPI_ISL_902916	Department of Virology and Immunology, University of Helsinki and Helsinki University Hospital, HUSLAB Finland	Department of Virology, Faculty of Medicine, University of Helsinki, Helsinki, Finland	Teemu Smura, Ravi Kant, Phuoc Truong, Hussein Alburkat, Hannimari Kallio-Kokko, Jenni Virtanen, Maija Suvanto, Essi Korhonen, Sari Hannula, Harri Kangas, Hanna Liimatainen, Satu Kurkela, Hanna Jarva, Maija Lappalainen, Pekka Ellonen, Olli Vapalahti	
EPI_ISL_902929, EPI_ISL_902930, EPI_ISL_902932, EPI_ISL_902935, EPI_ISL_902936, EPI_ISL_902937, EPI_ISL_902938, EPI_ISL_902939, EPI_ISL_902940, EPI_ISL_902941, EPI_ISL_902942, EPI_ISL_902943, EPI_ISL_902944, EPI_ISL_902945, EPI_ISL_902946, EPI_ISL_902947, EPI_ISL_902948	see above	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration	
EPI_ISL_903111, EPI_ISL_903123	Washington State Department of Health	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_903237, EPI_ISL_903238, EPI_ISL_903284, EPI_ISL_903291, EPI_ISL_903293, EPI_ISL_903294, EPI_ISL_903295, EPI_ISL_903299, EPI_ISL_903300, EPI_ISL_903301, EPI_ISL_903302, EPI_ISL_903303, EPI_ISL_903304, EPI_ISL_903305, EPI_ISL_903307, EPI_ISL_903308, EPI_ISL_903309, EPI_ISL_903310, EPI_ISL_903311	see above	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_903717	SC Dept of Health and Env. Control-Bureau of Laboratories	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong	
EPI_ISL_903839	NM Dept. Health, Scientific Laboratory Division	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong	
EPI_ISL_903872	SC Dept of Health and Env. Control-Bureau of Laboratories	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong	
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EPI_ISL_904123, EPI_ISL_904124	National Institute of Public Health - National Institute of Hygiene	National Institute of Public Health - National Institute of Hygiene	Wokowicz Tomasz, Zacharczuk Katarzyna	
EPI_ISL_904125	Laboratorium Analityczne Szpital Specjalistyczny w Chorzowie	National Institute of Public Health - National Institute of Hygiene	Wokowicz Tomasz, Zacharczuk Katarzyna	



see above	Maine Health and Environmental Testing Laboratory (Maine HETL)	Tewhey Lab, The Jackson Laboratory	Matluk,N., Dewey,H., Iosue,F., Barter,M., Lynch,R., Munger,H. and Tewhey,R.
EPI_ISL_906730, EPI_ISL_906743	Laboratory of Molecular Biology, Diagnostyka sp. z o.o.	Laboratory of Recombinant Vaccines	Lukasz Rabalski, Maciej Kosinski, Anna Piotrowska-Mietelska,Izabela Szczygieslka, Boguslaw Szewczyk, Krystyna Bienkowska-Szewczyk
EPI_ISL_906744	Hematology Laboratory, Section of Molecular Diagnostics, University Clinical Centre, Medical University of Gdansk	Laboratory of Recombinant Vaccines	Lukasz Rabalski, Maciej Kosinski, Maciej Grzybek, Adam Sodal, Aneta Szulc, Krzysztof Lewandowski, Ewa Milosz, Marlena Robakowska, Boguslaw Szewczyk, Krystyna Bienkowska-Szewczyk
EPI_ISL_906755	Laboratory of Molecular Biology, Diagnostyka sp. z o.o.	Laboratory of Recombinant Vaccines	Lukasz Rabalski, Maciej Kosinski, Anna Piotrowska-Mietelska,Izabela Szczygieslka, Boguslaw Szewczyk, Krystyna Bienkowska-Szewczyk
EPI_ISL_906780, EPI_ISL_906781, EPI_ISL_906790, EPI_ISL_906792	Center for Genome Research and Biocomputing	Center for Genome Research and Biocomputing	Oregon State University TRACE Project
EPI_ISL_906793	Innlandet Hospital Trust, Division Lillehammer, Department for Medical Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_906797	Dept. of Medical Microbiology, Stavanger University Hospital, Helse Stavanger HF	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_906801, EPI_ISL_906802, EPI_ISL_906803	Nordland Hospital - Bodo, Laboratory Department, Molecular Biology Unit	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_906808, EPI_ISL_906811	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, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_906821	Oslo University Hospital, Department of Medical Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_906825	Department of Medical Microbiology - section Molde, Molde Hospital	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Atiya R Ali,Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_906833	National Public Health Laboratory, National Centre for Infectious Diseases	National Public Health Laboratory, National Centre for Infectious Diseases	Tze Minn Mak, Zhenyang Zhou, Lin Cui, Raymond Tzer Pin Lin
EPI_ISL_906930, EPI_ISL_907074	Infectious Diseases, Qwest Diagnostics	Infectious Diseases, Qwest Diagnostics	Rosenthal,S.H., Gerasimova,A., Kagan,R.M., Anderson,B., Bernstein,L.E., Livingston,K.E., Hua,M., Liu,Y., Shalhout,D.F., Owen,R., Lacbawan,F.
EPI_ISL_907119	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_907120, EPI_ISL_907123, EPI_ISL_907125, EPI_ISL_907129, EPI_ISL_907130, EPI_ISL_907131, EPI_ISL_907132	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_907133	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_907134	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_907136	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_907138, EPI_ISL_907142, EPI_ISL_907143, EPI_ISL_907145	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_907147	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_907150	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_907152	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_907153, EPI_ISL_907154, EPI_ISL_907156, EPI_ISL_907158, EPI_ISL_907159	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_907160	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_907162	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_907164	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_907165, EPI_ISL_907166	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_907168	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_907169, EPI_ISL_907170, EPI_ISL_907171	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_907173	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_907174	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_907179	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_907185	Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison,

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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_912549	Labo Analyses Med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf
EPI_ISL_912555	C.H.R. d'Orléans - Hôpital de la Source	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,Guinard Jérôme
EPI_ISL_912557, EPI_ISL_912558	Centre Hospitalier de Gisors Route de Rouen	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf
EPI_ISL_912559	Hopital Avicenne Laboratoire central de bactériologie virologie hygiène	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,Brichler Ségolène
EPI_ISL_912561, EPI_ISL_912562	HOPITAL SIMONE VEIL	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,Moreau Farida
EPI_ISL_912563, EPI_ISL_912564	Laboratoire Central - American Hospital of Paris	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,Ramirez José-Manuel
EPI_ISL_912565	Laboratoire de Virologie du CHU de Lille Bâtiment Paul Boulanger	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,Guigon Aurélie
EPI_ISL_912566	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf
EPI_ISL_912568	Laboratoire de Virologie du CHU de Lille Bâtiment Paul Boulanger	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,Guigon Aurélie
EPI_ISL_912573	C.H.R. d'Orléans - Hôpital de la Source	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,Guinard Jérôme
EPI_ISL_912575, EPI_ISL_912576, EPI_ISL_912577, EPI_ISL_912578	Laboratoire de Virologie du CHU de Lille Bâtiment Paul Boulanger	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,Guigon Aurélie
EPI_ISL_912579	Service Biologie -CH de Versailles	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_912580, EPI_ISL_912581, EPI_ISL_912583	CENTRE HOSPITALIER LEON BINET	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,Meziane Ilham
EPI_ISL_912602	Laboratoire de Virologie du CHU de Lille Bâtiment Paul Boulanger	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,Guigon Aurélie
EPI_ISL_912612, EPI_ISL_912613	Centre Hospitalier de Compiègne Laboratoire Compiègne	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,Romand Sylvie
EPI_ISL_912614	CENTRE HOSPITALIER JACQUES LACARIN LABORATOIRE	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf
EPI_ISL_912617, EPI_ISL_912619, EPI_ISL_912620	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,Le Vicky
EPI_ISL_912621	HOPITAL YVES LE FOLL Laboratoire de Biologie Médicale	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,Chrevet Laurent
EPI_ISL_912722, EPI_ISL_912725, EPI_ISL_912726, EPI_ISL_912729, EPI_ISL_912730, EPI_ISL_912731, EPI_ISL_912733, EPI_ISL_912739, EPI_ISL_912749, EPI_ISL_912754, EPI_ISL_912755, EPI_ISL_912757, EPI_ISL_912758, EPI_ISL_912761, EPI_ISL_912762, EPI_ISL_912765, EPI_ISL_912766, EPI_ISL_912767, EPI_ISL_912768, EPI_ISL_912769, EPI_ISL_912770, EPI_ISL_912772, EPI_ISL_912773, EPI_ISL_912776, EPI_ISL_912778, EPI_ISL_912779, EPI_ISL_912780			
see above	Hôpital Henri Mondor	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky
EPI_ISL_912781, EPI_ISL_912782, EPI_ISL_912783, EPI_ISL_912784	CH.INTERCOMMUNAL DE CRETEIL	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky
EPI_ISL_912789, EPI_ISL_912792, EPI_ISL_912793, EPI_ISL_912794	Hôpital Pitié-Salpêtrière	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky
EPI_ISL_912796, EPI_ISL_912797, EPI_ISL_912798, EPI_ISL_912799, EPI_ISL_912802, EPI_ISL_912804, EPI_ISL_912806, EPI_ISL_912807, EPI_ISL_912808, EPI_ISL_912810, EPI_ISL_912843, EPI_ISL_912846, EPI_ISL_912848, EPI_ISL_912849, EPI_ISL_912850, EPI_ISL_912853, EPI_ISL_912854, EPI_ISL_912855, EPI_ISL_912856, EPI_ISL_912858, EPI_ISL_912859, EPI_ISL_912861, EPI_ISL_912862, EPI_ISL_912863, EPI_ISL_912864, EPI_ISL_912868, EPI_ISL_912869, EPI_ISL_912870, EPI_ISL_912874, EPI_ISL_912875, EPI_ISL_912876, EPI_ISL_912877, EPI_ISL_912878, EPI_ISL_912881, EPI_ISL_912882, EPI_ISL_912884, EPI_ISL_912886, EPI_ISL_912887, EPI_ISL_912944, EPI_ISL_912945, EPI_ISL_912946, EPI_ISL_912947, EPI_ISL_912948, EPI_ISL_912950, EPI_ISL_912951, EPI_ISL_912952, EPI_ISL_912954, EPI_ISL_912955, EPI_ISL_912956, EPI_ISL_912957, EPI_ISL_912958, EPI_ISL_912959, EPI_ISL_912960, EPI_ISL_912978			
see above	Hôpital Henri Mondor	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky
EPI_ISL_913025, EPI_ISL_913027, EPI_ISL_913029, EPI_ISL_913030, EPI_ISL_913031	Hospital los Arcos	Instituto de Salud Carlos III	Iglesias-Caballero, M. Camarero, S. Sandonis,V. Vázquez, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Cámara, M.
EPI_ISL_913032, EPI_ISL_913034, EPI_ISL_913035	Hospital San Pedro de Alcántara	Instituto de Salud Carlos III	Iglesias-Caballero, M. Camarero, S. Sandonis,V. Vázquez, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Rodríguez, G.
EPI_ISL_913036	Hospital los Arcos	Instituto de Salud Carlos III	Iglesias-Caballero, M. Camarero, S. Sandonis,V. Vázquez, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Cámara, M.
EPI_ISL_913043, EPI_ISL_913044, EPI_ISL_913045, EPI_ISL_913046, EPI_ISL_913047	Hospital Comarcal Sierrallana	Instituto de Salud Carlos III	Iglesias-Caballero, M. Camarero, S. Sandonis,V. Vázquez, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. De Benito, I.
EPI_ISL_913054, EPI_ISL_913055, EPI_ISL_913056	Hospital Universitario de Ceuta	Instituto de Salud Carlos III	Iglesias-Caballero, M. Camarero, S. Sandonis,V. Vázquez, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. López, J.
EPI_ISL_913057	Hospital San Pedro de Alcántara	Instituto de Salud Carlos III	Iglesias-Caballero, M. Camarero, S. Sandonis,V. Vázquez, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Rodríguez, G.
EPI_ISL_913058	Hospital Universitario de Ceuta	Instituto de Salud Carlos III	Iglesias-Caballero, M. Camarero, S. Sandonis,V. Vázquez, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. López, J.
EPI_ISL_913059	Consejería de Sanidad y Asuntos Sociales	Instituto de Salud Carlos III	Iglesias-Caballero, M. Camarero, S. Sandonis,V. Vázquez, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Gutiérrez, G.
EPI_ISL_913061, EPI_ISL_913062	Hospital Nuestra Señora de Sonsoles	Instituto de Salud Carlos III	Iglesias-Caballero, M. Camarero, S. Sandonis,V. Vázquez, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Sánchez, R.

EPI_ISL_913114	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., Tremaux P., Izopet J.
EPI_ISL_913194	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_913256, EPI_ISL_913257	Synlab Medilab, 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_913263	The Public Health Agency of Sweden	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_913266	Unilabs AB Skovde	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_913268	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_913275, EPI_ISL_913277, EPI_ISL_913281	Dynamic Code AB	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_913283, EPI_ISL_913297	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_913298, EPI_ISL_913299	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_913301, EPI_ISL_913303, EPI_ISL_913304	Synlab Medilab, 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_913309	Dynamic Code AB	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_913312	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_913328	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_913330, EPI_ISL_913331, EPI_ISL_913332, EPI_ISL_913333	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_913334, EPI_ISL_913335, EPI_ISL_913336	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_913337, EPI_ISL_913338	Unilabs AB Skovde	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_913370	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_913372, EPI_ISL_913373	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_913385, EPI_ISL_913386, EPI_ISL_913387, EPI_ISL_913388, EPI_ISL_913389, EPI_ISL_913390, EPI_ISL_913391, EPI_ISL_913392	Dynamic Code AB	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_913436, EPI_ISL_913440, EPI_ISL_913441, EPI_ISL_913442, EPI_ISL_913443, EPI_ISL_913444	Institute for Infectious Diseases, University of Bern, Switzerland	Institute for Infectious Diseases, University of Bern, Switzerland	Michel C Koch, Christian Baumann, Miguel A Terrazos Miani, Cora Sägesser, Pascal Bittel, Stephen L Leib, Peter Keller, Franziska Suter-Riniker, Alban Ramette
EPI_ISL_913455	Unilabs AB Skovde	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_913456	Synlab Medilab, 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_913457, EPI_ISL_913458	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_913459	Dynamic Code AB	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_913465, EPI_ISL_913469, EPI_ISL_913470, EPI_ISL_913490, EPI_ISL_913491, EPI_ISL_913492, EPI_ISL_913493	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_913496, EPI_ISL_913497, EPI_ISL_913499, EPI_ISL_913500, EPI_ISL_913501, EPI_ISL_913502, EPI_ISL_913503, EPI_ISL_913504, EPI_ISL_913506, EPI_ISL_913507, EPI_ISL_913508, EPI_ISL_913511, EPI_ISL_913512, EPI_ISL_913513	see above	AZDelta	Geert Martens; Dieter De Smet
EPI_ISL_913565, EPI_ISL_913570, EPI_ISL_913581, EPI_ISL_913584	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_913595, EPI_ISL_913598, EPI_ISL_913604, EPI_ISL_913605	AZDelta	AZDelta	Geert Martens; Dieter De Smet
EPI_ISL_913711, EPI_ISL_913712, EPI_ISL_913713, EPI_ISL_913714, EPI_ISL_913715, EPI_ISL_913716, EPI_ISL_913717, EPI_ISL_913718, EPI_ISL_913719, EPI_ISL_913720	Minnesota Department of Health, Public Health Laboratory	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_913731, EPI_ISL_913732, EPI_ISL_913733, EPI_ISL_913734, EPI_ISL_913735, EPI_ISL_913736	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_913748, EPI_ISL_913749, EPI_ISL_913750, EPI_ISL_913751, EPI_ISL_913752, EPI_ISL_913753, EPI_ISL_913754, EPI_ISL_913755, EPI_ISL_913756, EPI_ISL_913757, EPI_ISL_913758, EPI_ISL_913760, EPI_ISL_913761, EPI_ISL_913762, EPI_ISL_913763, EPI_ISL_913764, EPI_ISL_913765, EPI_ISL_913767, EPI_ISL_913768, EPI_ISL_913796, EPI_ISL_913797, EPI_ISL_913807, EPI_ISL_913809, EPI_ISL_913810, EPI_ISL_913812, EPI_ISL_913816, EPI_ISL_913819, EPI_ISL_913820, EPI_ISL_913826, EPI_ISL_913827, EPI_ISL_913864, EPI_ISL_913865, EPI_ISL_913868, EPI_ISL_913869, EPI_ISL_913875, EPI_ISL_913876			

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_914638	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Department
EPI_ISL_914702, EPI_ISL_914704, EPI_ISL_914705, EPI_ISL_914706, EPI_ISL_914707, EPI_ISL_914709, EPI_ISL_914711, EPI_ISL_914712, EPI_ISL_914713, EPI_ISL_914716, EPI_ISL_914717, EPI_ISL_914718, EPI_ISL_914719, EPI_ISL_914720, EPI_ISL_914721, EPI_ISL_914723			
see above	Maryland Public Health Laboratory (MD PHL)	Maryland Public Health Laboratory (MD PHL)	Maryland Department of Health Laboratories Administration
EPI_ISL_914815, EPI_ISL_914816, EPI_ISL_914818	HOSPITAL DE NIÑOS DR. CARLOS SAENZ HERRERA	Incienza, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godínez, Melany Calderón & Cristian Pérez-Corrales
EPI_ISL_914820	AREA DE SALUD SAN JUAN-SAN DIEGO-CONCEPCION 2	Incienza, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godínez, Melany Calderón & Mariel López
EPI_ISL_914823	HOSPITAL DR. ENRIQUE BALTODANO BRICEÑO	Incienza, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godínez, Melany Calderón & Mariel López
EPI_ISL_914825	AREA DE SALUD MORAVIA	Incienza, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godínez, Melany Calderón & Mariel López
EPI_ISL_914829	TAMIAJE COMUNITARIO - PASO CANOAS	Incienza, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godínez, Melany Calderón & Mariel López
EPI_ISL_914832	LABORATORIO CLINICO LABIN	Incienza, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godínez, Melany Calderón & Pei Ling Chan Ma
EPI_ISL_914835	AREA DE SALUD PARAISO-CERVANTES	Incienza, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godínez, Melany Calderón & Mariel López
EPI_ISL_914836	HOSPITAL MEXICO	Incienza, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godínez, Melany Calderón & Mariel López
EPI_ISL_914837, EPI_ISL_914838, EPI_ISL_914839	HOSPITAL MEXICO	Incienza, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godínez, Melany Calderón & Teresita Somogyi
EPI_ISL_914890, EPI_ISL_914893, EPI_ISL_914895, EPI_ISL_914897, EPI_ISL_914900, EPI_ISL_914902, EPI_ISL_914904, EPI_ISL_914905, EPI_ISL_914906, EPI_ISL_914911, EPI_ISL_914914, EPI_ISL_914915, EPI_ISL_914918, EPI_ISL_914919, EPI_ISL_914928, EPI_ISL_914930, EPI_ISL_914932, EPI_ISL_914935, EPI_ISL_914936, EPI_ISL_914938, EPI_ISL_914946, EPI_ISL_914948, EPI_ISL_914952, EPI_ISL_914954, EPI_ISL_914956, EPI_ISL_914959, EPI_ISL_914962, EPI_ISL_914963, EPI_ISL_914965, EPI_ISL_914967, EPI_ISL_914969, EPI_ISL_915193, EPI_ISL_915194, EPI_ISL_915196, EPI_ISL_915199, EPI_ISL_915201, EPI_ISL_915203, EPI_ISL_915207, EPI_ISL_915211, EPI_ISL_915212, EPI_ISL_915214, EPI_ISL_915215, EPI_ISL_915216, EPI_ISL_915217, EPI_ISL_915218, EPI_ISL_915219, EPI_ISL_915224, EPI_ISL_915226, EPI_ISL_915227, EPI_ISL_915228, EPI_ISL_915229, EPI_ISL_915233, EPI_ISL_915234, EPI_ISL_915240, EPI_ISL_915242, EPI_ISL_915243, EPI_ISL_915245, EPI_ISL_915248, EPI_ISL_915250, EPI_ISL_915251, EPI_ISL_915252, EPI_ISL_915253, EPI_ISL_915255, EPI_ISL_915256, EPI_ISL_915257, EPI_ISL_915258, EPI_ISL_915259, EPI_ISL_915261, EPI_ISL_915263, EPI_ISL_915268, EPI_ISL_915271, EPI_ISL_915272, EPI_ISL_915273, EPI_ISL_915274, EPI_ISL_915277, EPI_ISL_915280, EPI_ISL_915282, EPI_ISL_915296, EPI_ISL_915298, EPI_ISL_915299, EPI_ISL_915302, EPI_ISL_915303, EPI_ISL_915305, EPI_ISL_915306, EPI_ISL_915309, EPI_ISL_915310, EPI_ISL_915311, EPI_ISL_915312, EPI_ISL_915313, EPI_ISL_915314, EPI_ISL_915316, EPI_ISL_915317, EPI_ISL_915319, EPI_ISL_915320, EPI_ISL_915321, EPI_ISL_915322, EPI_ISL_915324, EPI_ISL_915327, EPI_ISL_915328, EPI_ISL_915329, EPI_ISL_915332, EPI_ISL_915337, EPI_ISL_915338, EPI_ISL_915340, EPI_ISL_915342, EPI_ISL_915346, EPI_ISL_915347, EPI_ISL_915348, EPI_ISL_915349, EPI_ISL_915350, EPI_ISL_915351, EPI_ISL_915352, EPI_ISL_915354			
see above	Quest Diagnostics	Quest Diagnostics	Rosenthal,S.H., Gerasimova,A., Kagan,R.M., Anderson, B., Hua, M., Liu Y., Bernstein, L.E., Livingston, K.E., Perez, A., Shalhout, D.F., Shlyakhter, I.A., Owen, R., Tanpaiboon, P., Lacbawan, F.
EPI_ISL_915422	Bundeswehr Institute of Microbiology	Bundeswehr Institute of Microbiology	Markus Antwerpen, Alexandra Rehn, Mathias Walter, Malena Bestehorn-Willmann, Sabine Zange, Enrico Georgi, Roman Wölfel
EPI_ISL_915423	München Klinik GmbH	Bundeswehr Institute of Microbiology	Markus Antwerpen, Hans-Ulrich Schmidt, Alexandra Rehn, Mathias Walter, Malena Bestehorn-Willmann, Sabine Zange, Enrico Georgi, Roman Wölfel
EPI_ISL_915427, EPI_ISL_915429	Bundeswehr Institute of Microbiology	Bundeswehr Institute of Microbiology	Markus Antwerpen, Alexandra Rehn, Mathias Walter, Malena Bestehorn-Willmann, Sabine Zange, Enrico Georgi, Roman Wölfel
EPI_ISL_915430, EPI_ISL_915431, EPI_ISL_915432, EPI_ISL_915433	Bundeswehrkrankenhaus Westerstede	Bundeswehr Institute of Microbiology	Markus Antwerpen, Klaus Peter Ebert, Alexandra Rehn, Mathias Walter, Malena Bestehorn-Willmann, Sabine Zange, Enrico Georgi, Roman Wölfel
EPI_ISL_916183	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_916184	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_916185	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_916186	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_916187, EPI_ISL_916188, EPI_ISL_916190, EPI_ISL_916192, EPI_ISL_916193, EPI_ISL_916194, EPI_ISL_916196	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_916197, EPI_ISL_916198, EPI_ISL_916199	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_916200, EPI_ISL_916201, EPI_ISL_916202	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_916204	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_916205, EPI_ISL_916207, EPI_ISL_916209, EPI_ISL_916210, EPI_ISL_916211, EPI_ISL_916212, EPI_ISL_916213	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_916215	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_916216	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_916217, EPI_ISL_916218, EPI_ISL_916220, EPI_ISL_916221	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_916222	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_916223, EPI_ISL_916224	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_916225, EPI_ISL_916227, EPI_ISL_916228, EPI_ISL_916229	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team

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[illegible]

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		(COG-UK) Consortium	Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_933060, EPI_ISL_933061	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_933062	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_933063	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_933064, EPI_ISL_933066	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_933067, EPI_ISL_933069, EPI_ISL_933073	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_933075, EPI_ISL_933076, EPI_ISL_933077	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_933084	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_933085, EPI_ISL_933088	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_933090, EPI_ISL_933092, EPI_ISL_933094	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_933099	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_933101	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_933102, EPI_ISL_933104, EPI_ISL_933105, EPI_ISL_933106	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_933108	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_933109, EPI_ISL_933110	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_933112	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_933114, EPI_ISL_933116, EPI_ISL_933118, EPI_ISL_933120, EPI_ISL_933122, EPI_ISL_933124, EPI_ISL_933125, EPI_ISL_933126, EPI_ISL_933130, EPI_ISL_933133, EPI_ISL_933134, EPI_ISL_933135, EPI_ISL_933136, EPI_ISL_933137, EPI_ISL_933143, EPI_ISL_933144, EPI_ISL_933145, EPI_ISL_933148, EPI_ISL_933149, EPI_ISL_933151, EPI_ISL_933152, EPI_ISL_933154, EPI_ISL_933160, EPI_ISL_933164, EPI_ISL_933165, EPI_ISL_933166, EPI_ISL_933168, EPI_ISL_933169, EPI_ISL_933170, EPI_ISL_933171, EPI_ISL_933172, EPI_ISL_933173, EPI_ISL_933174, EPI_ISL_933175, EPI_ISL_933176, EPI_ISL_933177, EPI_ISL_933180, EPI_ISL_933182, EPI_ISL_933184, EPI_ISL_933185, EPI_ISL_933186, EPI_ISL_933190, EPI_ISL_933191, EPI_ISL_933192, EPI_ISL_933193, EPI_ISL_933195, EPI_ISL_933197, EPI_ISL_933201, EPI_ISL_933202, EPI_ISL_933204, EPI_ISL_933205, EPI_ISL_933206, EPI_ISL_933210, EPI_ISL_933212, EPI_ISL_933213, EPI_ISL_933214, EPI_ISL_933216, EPI_ISL_933219, EPI_ISL_933221, EPI_ISL_933223, EPI_ISL_933225, EPI_ISL_933226, EPI_ISL_933227, EPI_ISL_933228, EPI_ISL_933230, EPI_ISL_933231, EPI_ISL_933234, EPI_ISL_933237, EPI_ISL_933239, EPI_ISL_933240, EPI_ISL_933241, EPI_ISL_933244, EPI_ISL_933246, EPI_ISL_933250, EPI_ISL_933252, EPI_ISL_933253, EPI_ISL_933255, EPI_ISL_933256, EPI_ISL_933257, EPI_ISL_933258, EPI_ISL_933259, EPI_ISL_933261, EPI_ISL_933262, EPI_ISL_933264, EPI_ISL_933265, EPI_ISL_933267, EPI_ISL_933268, EPI_ISL_933271, EPI_ISL_933273, EPI_ISL_933280, EPI_ISL_933282, EPI_ISL_933283, EPI_ISL_933285, EPI_ISL_933287, EPI_ISL_933289, EPI_ISL_933291, EPI_ISL_933293, EPI_ISL_933294, EPI_ISL_933296, EPI_ISL_933297, EPI_ISL_933298, EPI_ISL_933299, EPI_ISL_933300, EPI_ISL_933301, EPI_ISL_933302, EPI_ISL_933303, EPI_ISL_933307, EPI_ISL_933308, EPI_ISL_933309, EPI_ISL_933311, EPI_ISL_933312, EPI_ISL_933313, EPI_ISL_933314, EPI_ISL_933315, EPI_ISL_933317, EPI_ISL_933320, EPI_ISL_933321, EPI_ISL_933322, EPI_ISL_933323, EPI_ISL_933325, EPI_ISL_933326, EPI_ISL_933327, EPI_ISL_933329, EPI_ISL_933330, EPI_ISL_933331, EPI_ISL_933332, EPI_ISL_933334, EPI_ISL_933335, EPI_ISL_933336, EPI_ISL_933337, EPI_ISL_933338, EPI_ISL_933339, EPI_ISL_933340, EPI_ISL_933341, EPI_ISL_933343, EPI_ISL_933344, EPI_ISL_933348, EPI_ISL_933349, EPI_ISL_933351, EPI_ISL_933352, EPI_ISL_933354, EPI_ISL_933355, EPI_ISL_933357, EPI_ISL_933361, EPI_ISL_933362, EPI_ISL_933363, EPI_ISL_933364, EPI_ISL_933366, EPI_ISL_933367, EPI_ISL_933368, EPI_ISL_933371, EPI_ISL_933372, EPI_ISL_933373, EPI_ISL_933374, EPI_ISL_933376, EPI_ISL_933379, EPI_ISL_933380, EPI_ISL_933381, EPI_ISL_933382, EPI_ISL_933383, EPI_ISL_933385, EPI_ISL_933386, EPI_ISL_933387, EPI_ISL_933388, EPI_ISL_933389, EPI_ISL_933390, EPI_ISL_933393, EPI_ISL_933398, EPI_ISL_933400, EPI_ISL_933402, EPI_ISL_933405, EPI_ISL_933407, EPI_ISL_933410, EPI_ISL_933411, EPI_ISL_933412, EPI_ISL_933415, EPI_ISL_933416, EPI_ISL_933417, EPI_ISL_933419, EPI_ISL_933420, EPI_ISL_933421, EPI_ISL_933422, EPI_ISL_933424			
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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_933735, EPI_ISL_933736, EPI_ISL_933737, EPI_ISL_933739, EPI_ISL_933742, EPI_ISL_933743, EPI_ISL_933745, EPI_ISL_933747, EPI_ISL_933749, EPI_ISL_933755, EPI_ISL_933759, EPI_ISL_933760, EPI_ISL_933761, EPI_ISL_933762, EPI_ISL_933763, EPI_ISL_933764			
see above	DPHL	Delaware Public Health Lab	Gregory Hovan
EPI_ISL_933779	Victorian Infectious Diseases Reference Laboratory (VIDRL)	VIDRL and MDU-PHL	Caly L., Seemann T., Sait, M.L., Druce J., Sherry, N.L.
EPI_ISL_934315	Narhalsan Fjallbacka VC	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_934345, EPI_ISL_934346	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_934366	Synlab Medilab, 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_934376, EPI_ISL_934378, EPI_ISL_934380, EPI_ISL_934381, EPI_ISL_934382, EPI_ISL_934383, EPI_ISL_934384	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_934394	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_934397, EPI_ISL_934398, EPI_ISL_934399, EPI_ISL_934400, EPI_ISL_934401, EPI_ISL_934402	Synlab Medilab, 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_934424	Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia	Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia	Suppiah J, Kamel K, Azizan MA, Thayan R
EPI_ISL_934452, EPI_ISL_934454, EPI_ISL_934457, EPI_ISL_934459, EPI_ISL_934465, EPI_ISL_934466, EPI_ISL_934467, EPI_ISL_934469, EPI_ISL_934470, EPI_ISL_934471, EPI_ISL_934472, EPI_ISL_934481, EPI_ISL_934482, EPI_ISL_934483, EPI_ISL_934485, EPI_ISL_934487, EPI_ISL_934490, EPI_ISL_934491, EPI_ISL_934492, EPI_ISL_934495, EPI_ISL_934539			
see above	Austrian Agency for Health and Food Safety (AGES)	Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Bergthaler
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see above	Department of Laboratory Medicine, Division of Clinical Virology, University of Medicine, Vienna	Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maëlle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Bergthaler
EPI_ISL_934593, EPI_ISL_934599, EPI_ISL_934600, EPI_ISL_934601, EPI_ISL_934602, EPI_ISL_934603, EPI_ISL_934605, EPI_ISL_934606, EPI_ISL_934607, EPI_ISL_934608, EPI_ISL_934612, EPI_ISL_934613, EPI_ISL_934620, EPI_ISL_934623, EPI_ISL_934624, EPI_ISL_934626, EPI_ISL_934627, EPI_ISL_934628, EPI_ISL_934629, EPI_ISL_934630, EPI_ISL_934631			
see above	Austrian Agency for Health and Food Safety (AGES)	Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maëlle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Bergthaler
EPI_ISL_934652, EPI_ISL_934653, EPI_ISL_934654	Klinikum Wels-Grieskirchen	Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maëlle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Bergthaler
EPI_ISL_934655, EPI_ISL_934659, EPI_ISL_934660, EPI_ISL_934661, EPI_ISL_934663, EPI_ISL_934664, EPI_ISL_934665, EPI_ISL_934666, EPI_ISL_934668, EPI_ISL_934669, EPI_ISL_934670, EPI_ISL_934672, EPI_ISL_934673, EPI_ISL_934674, EPI_ISL_934675, EPI_ISL_934676, EPI_ISL_934677, EPI_ISL_934678, EPI_ISL_934680, EPI_ISL_934681, EPI_ISL_934682, EPI_ISL_934683, EPI_ISL_934684, EPI_ISL_934685, EPI_ISL_934686, EPI_ISL_934687, EPI_ISL_934688, EPI_ISL_934690, EPI_ISL_934691, EPI_ISL_934692, EPI_ISL_934693, EPI_ISL_934694, EPI_ISL_934695			
see above	Department of Laboratory Medicine, Division of Clinical Virology, University of Medicine, Vienna	Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maëlle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Bergthaler
EPI_ISL_934971, EPI_ISL_934972	Thai Red Cross Emerging Infectious Diseases Health Science Centre, Chulalongkorn Hospital, Faculty of Medicine, Chulalongkorn University	Thai Red Cross Emerging Infectious Diseases Center and Faculty of Medicine, Chulalongkorn University	Rome Buathong, Sopon lamsirithaworn, Sininat Petcharat, Yutthana Joyjinda, Weenassarin Ampoot, Apaporn Rodpan, Opass Putcharoen, Thiravat Hemachudha, Supaporn Wacharapluesadee
EPI_ISL_934994, EPI_ISL_935000, EPI_ISL_935001, EPI_ISL_935002, EPI_ISL_935003, EPI_ISL_935004, EPI_ISL_935005, EPI_ISL_935008, EPI_ISL_935009, EPI_ISL_935010, EPI_ISL_935011			
see above	ADMED Microbiologie	Genomics and Transcriptomics, Philip Morris International	Reto Lienhard, Marie-Lise Tritten, Emmanuel Guedj, Nicolas Sierro, Rémi Dulize, David Bornand, Mehdi Auberson, Maxime Berthouzoz, Nikolai Ivanov, Manuel Peitsch
EPI_ISL_935021	Laboratory for Respiratory Viruses, Cantacuzino National Military-Medical Institute for Research and Development	Cantacuzino Institute Virology	Luiza Ustea, Nicoleta Paraschiv, Mihaela Lazar
EPI_ISL_935048, EPI_ISL_935049, EPI_ISL_935057, EPI_ISL_935059, EPI_ISL_935063, EPI_ISL_935064, EPI_ISL_935069, EPI_ISL_935073, EPI_ISL_935074, EPI_ISL_935075, EPI_ISL_935076, EPI_ISL_935077, EPI_ISL_935078, EPI_ISL_935079, EPI_ISL_935080, EPI_ISL_935081, EPI_ISL_935082, EPI_ISL_935083, EPI_ISL_935084, EPI_ISL_935085, EPI_ISL_935086, EPI_ISL_935087, EPI_ISL_935088, EPI_ISL_935089, EPI_ISL_935090, EPI_ISL_935091, EPI_ISL_935093, EPI_ISL_935094, EPI_ISL_935095, EPI_ISL_935097, EPI_ISL_935098, EPI_ISL_935100, EPI_ISL_935101			
see above	Ministry of Health Turkey	Ministry of Health Turkey	Fatma Bayrakdar, Yasemin Cogun, Süleyman Yalcin, Aye Baak Alta, Gülay Korukluolu
EPI_ISL_935187, EPI_ISL_935188, EPI_ISL_935189, EPI_ISL_935190, EPI_ISL_935191, EPI_ISL_935192, EPI_ISL_935193, EPI_ISL_935194, EPI_ISL_935195, EPI_ISL_935196, EPI_ISL_935197, EPI_ISL_935198, EPI_ISL_935199, EPI_ISL_935200, EPI_ISL_935201, EPI_ISL_935202, EPI_ISL_935203, EPI_ISL_935204, EPI_ISL_935210, EPI_ISL_935211, EPI_ISL_935227, EPI_ISL_935229, EPI_ISL_935230, EPI_ISL_935233, EPI_ISL_935234, EPI_ISL_935235, EPI_ISL_935236, EPI_ISL_935238, EPI_ISL_935243, EPI_ISL_935244, EPI_ISL_935245, EPI_ISL_935246, EPI_ISL_935247, EPI_ISL_935248, EPI_ISL_935249, EPI_ISL_935250, EPI_ISL_935251, EPI_ISL_935252, EPI_ISL_935253, EPI_ISL_935254, EPI_ISL_935255, EPI_ISL_935256, EPI_ISL_935257, EPI_ISL_935258, EPI_ISL_935259, EPI_ISL_935260, EPI_ISL_935261, EPI_ISL_935262, EPI_ISL_935263, EPI_ISL_935274, EPI_ISL_935276, EPI_ISL_935277, EPI_ISL_935278, EPI_ISL_935279, EPI_ISL_935285, EPI_ISL_935286, EPI_ISL_935287, EPI_ISL_935288, EPI_ISL_935289, EPI_ISL_935290, EPI_ISL_935291, EPI_ISL_935292, EPI_ISL_935293, EPI_ISL_935294, EPI_ISL_935295, EPI_ISL_935296, EPI_ISL_935297, EPI_ISL_935298, EPI_ISL_935299, EPI_ISL_935300, EPI_ISL_935306, EPI_ISL_935307, EPI_ISL_935308, EPI_ISL_935309, EPI_ISL_935310, EPI_ISL_935311, EPI_ISL_935313, EPI_ISL_935314, EPI_ISL_935315, EPI_ISL_935316, EPI_ISL_935318, EPI_ISL_935322, EPI_ISL_935323, EPI_ISL_935324, EPI_ISL_935326, EPI_ISL_935327, EPI_ISL_935328, EPI_ISL_935329, EPI_ISL_935330, EPI_ISL_935331, EPI_ISL_935332, EPI_ISL_935333, EPI_ISL_935334, EPI_ISL_935335, EPI_ISL_935336, EPI_ISL_935337, EPI_ISL_935338, EPI_ISL_935339, EPI_ISL_935340, EPI_ISL_935342, EPI_ISL_935343, EPI_ISL_935346, EPI_ISL_935347, EPI_ISL_935348, EPI_ISL_935349, EPI_ISL_935350, EPI_ISL_935352, EPI_ISL_935353, EPI_ISL_935354, EPI_ISL_935355, EPI_ISL_935358			
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_935359, EPI_ISL_935360, EPI_ISL_935362, EPI_ISL_935364	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton
EPI_ISL_935527, EPI_ISL_935528, EPI_ISL_935529, EPI_ISL_935530, EPI_ISL_935531, EPI_ISL_935532	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, Merah Kader
EPI_ISL_935537, EPI_ISL_935538	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, Bonnaudet GéRaldine
EPI_ISL_935539	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, Tomasi Florent
EPI_ISL_935548	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, Pasquier
EPI_ISL_935549	Labo Analyses Med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf
EPI_ISL_935552, EPI_ISL_935553, EPI_ISL_935554, EPI_ISL_935555, EPI_ISL_935556, EPI_ISL_935557	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, Goudeau Alain
EPI_ISL_935558	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf
EPI_ISL_935561	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, Gaschet Anne
EPI_ISL_935565	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, Bret Laurent
EPI_ISL_935570, EPI_ISL_935571, EPI_ISL_935572, EPI_ISL_935573, EPI_ISL_935574, EPI_ISL_935575	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, Castelain Sandrine
EPI_ISL_935588, EPI_ISL_935589	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, Amzalag Jonas
EPI_ISL_935590	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, Amzalag Jonas
EPI_ISL_935591, EPI_ISL_935598, EPI_ISL_935603, EPI_ISL_935611, EPI_ISL_935616, EPI_ISL_935617, EPI_ISL_935618, EPI_ISL_935619, EPI_ISL_935620, EPI_ISL_935621, EPI_ISL_935622, EPI_ISL_935623, EPI_ISL_935624, EPI_ISL_935628, EPI_ISL_935629, EPI_ISL_935631, EPI_ISL_935635, EPI_ISL_935636			
see above	Labo Analyses med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Amzalag Jonas
EPI_ISL_935643	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, Le Berre (D) David
EPI_ISL_935644, EPI_ISL_935645, EPI_ISL_935646	Labo Analyses Med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf
EPI_ISL_935654, EPI_ISL_935655, EPI_ISL_935659, EPI_ISL_935664, EPI_ISL_935670	Department of Clinical Microbiology	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours

EPI_ISL_935716, EPI_ISL_935719, EPI_ISL_935720	Houston Health Dept.	Houston Health Dept.	Ryker Penn, Pamela Brown, Adolpho Lara
EPI_ISL_935976	GLENS FALLS HOSPITAL LABORATORY	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_935994, EPI_ISL_936010	SUNY UPSTATE MEDICAL UNIVERSITY	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_936034	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_936062, EPI_ISL_936070, EPI_ISL_936074, EPI_ISL_936076, EPI_ISL_936078, EPI_ISL_936083, EPI_ISL_936084, EPI_ISL_936085, EPI_ISL_936088, EPI_ISL_936090, EPI_ISL_936096, EPI_ISL_936100			
see above	KALEIDA CENTER FOR LABORATORY MEDICINE	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_936107, EPI_ISL_936109, EPI_ISL_936113, EPI_ISL_936115, EPI_ISL_936116, EPI_ISL_936117, EPI_ISL_936118, EPI_ISL_936119, EPI_ISL_936121, EPI_ISL_936124, EPI_ISL_936127, EPI_ISL_936128			
see above	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_936142, EPI_ISL_936143	SUNY UPSTATE MEDICAL UNIVERSITY	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_936144	KALEIDA CENTER FOR LABORATORY MEDICINE	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_936218, EPI_ISL_936219, EPI_ISL_936220, EPI_ISL_936221, EPI_ISL_936222, EPI_ISL_936224, EPI_ISL_936230, EPI_ISL_936231, EPI_ISL_936232, EPI_ISL_936238, EPI_ISL_936241, EPI_ISL_936242, EPI_ISL_936243, EPI_ISL_936244, EPI_ISL_936245, EPI_ISL_936247			
see above	Wadsworth Center, New York State Department of Health	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_936248, EPI_ISL_936249, EPI_ISL_936253, EPI_ISL_936254, EPI_ISL_936255, EPI_ISL_936263, EPI_ISL_936265, EPI_ISL_936269, EPI_ISL_936275, EPI_ISL_936281, EPI_ISL_936282, EPI_ISL_936285, EPI_ISL_936286, EPI_ISL_936289			
see above	MONTEFIORE MEDICAL CENTER LABORATORIES	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_936393	TGen North	TGen North	Jolene Bowers, Megan Folkerts, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)
EPI_ISL_936864, EPI_ISL_936868, EPI_ISL_936876, EPI_ISL_936877, EPI_ISL_936878, EPI_ISL_936879, EPI_ISL_936880, EPI_ISL_936881, EPI_ISL_936882, EPI_ISL_936884, EPI_ISL_936888, EPI_ISL_936889, EPI_ISL_936890, EPI_ISL_936892, EPI_ISL_936893, EPI_ISL_936895, EPI_ISL_936896, EPI_ISL_936899, EPI_ISL_936901, EPI_ISL_936902, EPI_ISL_936903, EPI_ISL_936904, EPI_ISL_936906, EPI_ISL_936907, EPI_ISL_936911, EPI_ISL_936912, EPI_ISL_936914, EPI_ISL_936915, EPI_ISL_936917, EPI_ISL_936918, EPI_ISL_936920, EPI_ISL_936921, EPI_ISL_936922, EPI_ISL_936924, EPI_ISL_936925, EPI_ISL_936926, EPI_ISL_936927, EPI_ISL_936928, EPI_ISL_936929			
see above	Northwestern Memorial Hospital	Ozer Lab	Ramon Lorenzo-Redondo, Lacy M. Simons, Chad J. Achenbach, Lawrence J. Jennings, Michael G. Ison, Judd F. Hultquist, Egon A. Ozer
EPI_ISL_937126	DOHMH Riverside	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_937136	DOHMH Chelsea	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_937140, EPI_ISL_937142, EPI_ISL_937144	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_937145, EPI_ISL_937146, EPI_ISL_937150, EPI_ISL_937151	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_937154, EPI_ISL_937156	DOHMH PHL	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_937158, EPI_ISL_937159, EPI_ISL_937163	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_937164	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_937166	DOHMH Riverside	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_937171	DOHMH PHL	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_937173	DOHMH Crown Heights	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_937174	DOHMH Chelsea	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_937176, EPI_ISL_937177	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_937181, EPI_ISL_937183	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_937185	DOHMH PHL	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_937187	OCME Office Of Chief Medical Examiner	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_937192	Department of Homeless Services	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_937195, EPI_ISL_937196, EPI_ISL_937199	OCME Office Of Chief Medical Examiner	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_937201	DOHMH Fort Greene	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_937202	DOHMH Chelsea	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_937210, EPI_ISL_937211, EPI_ISL_937215	DOHMH PHL	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_937216	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_937217, EPI_ISL_937218	DOHMH Chelsea	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_937221, EPI_ISL_937225	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_937228	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_937233, EPI_ISL_937234, EPI_ISL_937235, EPI_ISL_937236	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_937237	DOHMH Riverside	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_937240, EPI_ISL_937245	OCME Office Of Chief Medical Examiner	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_937249	Department of Homeless Services	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_937253, EPI_ISL_937255	OCME Office Of Chief Medical Examiner	New York City Public Health Laboratory	Jade Wang, et al.



[illegible]

[illegible]

EPI_ISL_939536, EPI_ISL_939537	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_939539, EPI_ISL_939540	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_939542	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_939544	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_939548, EPI_ISL_939550, EPI_ISL_939551, EPI_ISL_939552	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_939553	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_939559, EPI_ISL_939561, EPI_ISL_939562, EPI_ISL_939567	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_939570	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_939571, EPI_ISL_939572, EPI_ISL_939573, EPI_ISL_939574	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_939575	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_939578, EPI_ISL_939581, EPI_ISL_939582	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_939583, EPI_ISL_939586, EPI_ISL_939587, EPI_ISL_939592	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_939594	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_939597	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_939598, EPI_ISL_939600	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_939602	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_939603, EPI_ISL_939605	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_939608	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_939609, EPI_ISL_939613, EPI_ISL_939617	Los Angeles County PHL	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_939629, EPI_ISL_939643	Laboratory of Virology and Molecular Diagnostics	Institute of Public Health of Republic of North Macedonia Laboratory of Virology and Molecular Diagnostics	Maja Kuzmanovska, Golubinka Boshevska, Elizabeta Janchevska
EPI_ISL_939647	Laboratory for Respiratory Viruses, Cantacuzino National Military-Medical Institute for Research and Development	Cantacuzino Institute Virology	Luiza Ustea, Nicoleta Paraschiv, Mihaela Lazar
EPI_ISL_939654	GZA Sint-Augustinus Hospital	UAntwerp, Laboratory of Medical Microbiology, Campus Drie Eiken S6.26, Universiteitsplein 1, 2610, Wilrijk, Antwerp, Belgium	Basil Britto Xavier, Jasmine Coppens, Marie Le Mercier, Christine Lammens, Veerle Matheeußen, Herman Goossens
EPI_ISL_940144	Laboratory for Respiratory Viruses, Cantacuzino National Military-Medical Institute for Research and Development	Cantacuzino Institute Virology	Luiza Ustea, Nicoleta Paraschiv, Mihaela Lazar
EPI_ISL_940146	Laboratory of Virology and Molecular Diagnostics	Institute of Public Health of Republic of North Macedonia Laboratory of Virology and Molecular Diagnostics	Maja Kuzmanovska, Golubinka Boshevska, Elizabeta Janchevska
EPI_ISL_940157	Laboratory of Virology and Molecular Diagnostics	Institute of Public Health of Republic of North Macedonia Laboratory of Virology and Molecular Diagnostics	Maja Kuzmanovska, Golubinka Boshevska, Elizabeta Janchevska
EPI_ISL_940554	Laboratory for Respiratory Viruses, Cantacuzino National Military-Medical Institute for Research and Development	Cantacuzino Institute Virology	Luiza Ustea, Nicoleta Paraschiv, Mihaela Lazar
EPI_ISL_940565	University of Bari Biomedical Sciences and Human Oncology	University of Bari Biomedical Sciences and Human Oncology	Chironna M., Sallustio A., Loconsole D., Accogli M.
EPI_ISL_940566, EPI_ISL_940567, EPI_ISL_940568, EPI_ISL_940571	Jessa	Jessa	Jessa_cmdLab
EPI_ISL_940573, EPI_ISL_940574, EPI_ISL_940575	AZT	Jessa	Jessa_cmdLab
EPI_ISL_940577, EPI_ISL_940584, EPI_ISL_940585, EPI_ISL_940589, EPI_ISL_940590, EPI_ISL_940592, EPI_ISL_940593, EPI_ISL_940594, EPI_ISL_940595, EPI_ISL_940596, EPI_ISL_940597, EPI_ISL_940599, EPI_ISL_940601, EPI_ISL_940603, EPI_ISL_940605	see above	Jessa	Jessa_cmdLab
EPI_ISL_940609	Hospital e Maternidade Celso Pierro	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_940610, EPI_ISL_940611	Hospital Paulistano Paulista	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos









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EPI_ISL_946410, EPI_ISL_946411	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_946414, EPI_ISL_946415, EPI_ISL_946416, EPI_ISL_946417, EPI_ISL_946418	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_946419	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_946420	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_946421, EPI_ISL_946422, EPI_ISL_946423, EPI_ISL_946424, EPI_ISL_946426, EPI_ISL_946427, EPI_ISL_946428, EPI_ISL_946430, EPI_ISL_946431, EPI_ISL_946432, EPI_ISL_946433, EPI_ISL_946434, EPI_ISL_946435, EPI_ISL_946436, EPI_ISL_946437, EPI_ISL_946438, EPI_ISL_946440, EPI_ISL_946441, EPI_ISL_946442, EPI_ISL_946443, EPI_ISL_946445, EPI_ISL_946452, EPI_ISL_946453, EPI_ISL_946455, EPI_ISL_946460, EPI_ISL_946462, EPI_ISL_946463, EPI_ISL_946466, EPI_ISL_946469, EPI_ISL_946471, EPI_ISL_946478, EPI_ISL_946480, EPI_ISL_946481, EPI_ISL_946484, EPI_ISL_946489, EPI_ISL_946492, EPI_ISL_946494, EPI_ISL_946495, EPI_ISL_946496, EPI_ISL_946497, EPI_ISL_946498, EPI_ISL_946503, EPI_ISL_946504, EPI_ISL_946505, EPI_ISL_946511, EPI_ISL_946512, EPI_ISL_946515, EPI_ISL_946520, EPI_ISL_946521, EPI_ISL_946522, EPI_ISL_946524, EPI_ISL_946528, EPI_ISL_946530, EPI_ISL_946531, EPI_ISL_946533, EPI_ISL_946535, EPI_ISL_946538, EPI_ISL_946541, EPI_ISL_946544, EPI_ISL_946547, EPI_ISL_946550, EPI_ISL_946551, EPI_ISL_946552, EPI_ISL_946553, EPI_ISL_946554, EPI_ISL_946555, EPI_ISL_946556, EPI_ISL_946561, EPI_ISL_946562, EPI_ISL_946563, EPI_ISL_946565, EPI_ISL_946570, EPI_ISL_946571, EPI_ISL_946575, EPI_ISL_946578, EPI_ISL_946582, EPI_ISL_946586, EPI_ISL_946587, EPI_ISL_946589, EPI_ISL_946590, EPI_ISL_946591, EPI_ISL_946593, EPI_ISL_946596, EPI_ISL_946603, EPI_ISL_946604, EPI_ISL_946605, EPI_ISL_946612, EPI_ISL_946613, EPI_ISL_946614, EPI_ISL_946619, EPI_ISL_946622, EPI_ISL_946631, EPI_ISL_946633, EPI_ISL_946637, EPI_ISL_946640, EPI_ISL_946652, EPI_ISL_946654, EPI_ISL_946661, EPI_ISL_946662, EPI_ISL_946663, EPI_ISL_946664, EPI_ISL_946665, EPI_ISL_946668, EPI_ISL_946673, EPI_ISL_946674, EPI_ISL_946678, EPI_ISL_946679, EPI_ISL_946680, EPI_ISL_946681, EPI_ISL_946684, EPI_ISL_946685, EPI_ISL_946686, EPI_ISL_946687, EPI_ISL_946688, EPI_ISL_946689, EPI_ISL_946690, EPI_ISL_946692, EPI_ISL_946693, EPI_ISL_946694, EPI_ISL_946696, EPI_ISL_946697, EPI_ISL_946702, EPI_ISL_946705, EPI_ISL_946706, EPI_ISL_946707, EPI_ISL_946708, EPI_ISL_946709, EPI_ISL_946710, EPI_ISL_946711, EPI_ISL_946712, EPI_ISL_946715, EPI_ISL_946716, EPI_ISL_946719, EPI_ISL_946724, EPI_ISL_946726, EPI_ISL_946727, EPI_ISL_946728, EPI_ISL_946729, EPI_ISL_946731, EPI_ISL_946732, EPI_ISL_946734, EPI_ISL_946735, EPI_ISL_946736, EPI_ISL_946739, EPI_ISL_946740, EPI_ISL_946741, EPI_ISL_946742, EPI_ISL_946743, EPI_ISL_946744, EPI_ISL_946745, EPI_ISL_946746, EPI_ISL_946752, EPI_ISL_946753, EPI_ISL_946755, EPI_ISL_946758, EPI_ISL_946759, EPI_ISL_946760, EPI_ISL_946762, EPI_ISL_946763, EPI_ISL_946764, EPI_ISL_946765, EPI_ISL_946766, EPI_ISL_946767, EPI_ISL_946768, EPI_ISL_946769, EPI_ISL_946771, EPI_ISL_946772, EPI_ISL_946773, EPI_ISL_946774, EPI_ISL_946776, EPI_ISL_946779, EPI_ISL_946782, EPI_ISL_946783, EPI_ISL_946784, EPI_ISL_946788, EPI_ISL_946789, EPI_ISL_946791, EPI_ISL_946794, EPI_ISL_946795, EPI_ISL_946796, EPI_ISL_946797, EPI_ISL_946798, EPI_ISL_946800, EPI_ISL_946805, EPI_ISL_946806, EPI_ISL_946807, EPI_ISL_946808, EPI_ISL_946810, EPI_ISL_946811, EPI_ISL_946813, EPI_ISL_946814, EPI_ISL_946816, EPI_ISL_946819, EPI_ISL_946821, EPI_ISL_946822, EPI_ISL_946823, EPI_ISL_946825, EPI_ISL_946826, EPI_ISL_946827, EPI_ISL_946828, EPI_ISL_946831, EPI_ISL_946835, EPI_ISL_946839, EPI_ISL_946840, EPI_ISL_946842, EPI_ISL_946843, EPI_ISL_946845, EPI_ISL_946849, EPI_ISL_946851, EPI_ISL_946852, EPI_ISL_946853, EPI_ISL_946854, EPI_ISL_946855, EPI_ISL_946857, EPI_ISL_946859, EPI_ISL_946861, EPI_ISL_946865, EPI_ISL_946866, EPI_ISL_946869, EPI_ISL_946870, EPI_ISL_946874, EPI_ISL_946875, EPI_ISL_946877, EPI_ISL_946878, EPI_ISL_946879, EPI_ISL_946881, EPI_ISL_946882, EPI_ISL_946885, EPI_ISL_946886, EPI_ISL_946888, EPI_ISL_946891, EPI_ISL_946892, EPI_ISL_946893, EPI_ISL_946894, EPI_ISL_946895, EPI_ISL_946896, EPI_ISL_946897, EPI_ISL_946898, EPI_ISL_946900, EPI_ISL_946901, EPI_ISL_946903, EPI_ISL_946906, EPI_ISL_946910, EPI_ISL_946911, EPI_ISL_946912, EPI_ISL_946914, EPI_ISL_946915, EPI_ISL_946916, EPI_ISL_946917, EPI_ISL_946923, EPI_ISL_946924, EPI_ISL_946927, EPI_ISL_946928, EPI_ISL_946929, EPI_ISL_946931, EPI_ISL_946932, EPI_ISL_946933, EPI_ISL_946934, EPI_ISL_946935, EPI_ISL_946938, EPI_ISL_946941, EPI_ISL_946943, EPI_ISL_946944, EPI_ISL_946945, EPI_ISL_946946, EPI_ISL_946947, EPI_ISL_946948, EPI_ISL_946949, EPI_ISL_946951, EPI_ISL_946953, EPI_ISL_946956, EPI_ISL_946957, EPI_ISL_946961, EPI_ISL_946964, EPI_ISL_946966, EPI_ISL_946967, EPI_ISL_946970, EPI_ISL_946971, EPI_ISL_946972, EPI_ISL_946976, EPI_ISL_946977, EPI_ISL_946978, EPI_ISL_946980, EPI_ISL_946981, EPI_ISL_946982, EPI_ISL_946986, EPI_ISL_946987, EPI_ISL_946988, EPI_ISL_946989, EPI_ISL_946991, EPI_ISL_946992, EPI_ISL_946994, EPI_ISL_			



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EPI_ISL_948787, EPI_ISL_948788, EPI_ISL_948790, EPI_ISL_948792, EPI_ISL_948793, EPI_ISL_948795, EPI_ISL_948796, EPI_ISL_948797, EPI_ISL_948800, EPI_ISL_948801, EPI_ISL_948804, EPI_ISL_948805, EPI_ISL_948806, EPI_ISL_948809, EPI_ISL_948810, EPI_ISL_948812, EPI_ISL_948813, EPI_ISL_948814, EPI_ISL_948816, EPI_ISL_948817, EPI_ISL_948818, EPI_ISL_948819, EPI_ISL_948820, EPI_ISL_948821, EPI_ISL_948822, EPI_ISL_948824, EPI_ISL_948825, EPI_ISL_948826, EPI_ISL_948827, EPI_ISL_948828, EPI_ISL_948830, EPI_ISL_948832, EPI_ISL_948833, EPI_ISL_948834, EPI_ISL_948835, EPI_ISL_948836, EPI_ISL_948837, EPI_ISL_948838, EPI_ISL_948839, EPI_ISL_948840, EPI_ISL_948841, EPI_ISL_948842, EPI_ISL_948843, EPI_ISL_948844, EPI_ISL_948845, EPI_ISL_948848, EPI_ISL_948849, EPI_ISL_948851, EPI_ISL_948852, EPI_ISL_948854, EPI_ISL_948856, EPI_ISL_948857, EPI_ISL_948858, EPI_ISL_948859, EPI_ISL_948860, EPI_ISL_948861, EPI_ISL_948863, EPI_ISL_948865, EPI_ISL_948866, EPI_ISL_948867, EPI_ISL_948869, EPI_ISL_948871, EPI_ISL_948872, EPI_ISL_948873, EPI_ISL_948874, EPI_ISL_948877, EPI_ISL_948878, EPI_ISL_948879, EPI_ISL_948880, EPI_ISL_948881, EPI_ISL_948883, EPI_ISL_948884, EPI_ISL_948885, EPI_ISL_948886, EPI_ISL_948889, EPI_ISL_948890, EPI_ISL_948891, EPI_ISL_948893, EPI_ISL_948894, EPI_ISL_948895, EPI_ISL_948896, EPI_ISL_948898, EPI_ISL_948899, EPI_ISL_948904, EPI_ISL_948906, EPI_ISL_948907, EPI_ISL_948908, EPI_ISL_948910, EPI_ISL_948912, EPI_ISL_948913, EPI_ISL_948914, EPI_ISL_948915, EPI_ISL_948916, EPI_ISL_948919, EPI_ISL_948921, EPI_ISL_948922, EPI_ISL_948923, EPI_ISL_948924, EPI_ISL_948925, EPI_ISL_948926, EPI_ISL_948927, EPI_ISL_948928, EPI_ISL_948929, EPI_ISL_948931, EPI_ISL_948935, EPI_ISL_948937, EPI_ISL_948939, EPI_ISL_948946, EPI_ISL_948947, EPI_ISL_948950, EPI_ISL_948953, EPI_ISL_948956, EPI_ISL_948958, EPI_ISL_948961, EPI_ISL_948963, EPI_ISL_948966, EPI_ISL_948967, EPI_ISL_948969, EPI_ISL_948970, EPI_ISL_948972, EPI_ISL_948974, EPI_ISL_948977	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_948978		Jessa	Jessa	Jessa_cmdLab
EPI_ISL_948979, EPI_ISL_948980		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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_948981		Jessa	Jessa	Jessa_cmdLab
EPI_ISL_948982, EPI_ISL_948983		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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_948984		Jessa	Jessa	Jessa_cmdLab
EPI_ISL_948985, EPI_ISL_948988		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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_948989, EPI_ISL_948991		Jessa	Jessa	Jessa_cmdLab
EPI_ISL_948993		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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_948994		Jessa	Jessa	Jessa_cmdLab
EPI_ISL_948995, EPI_ISL_948996		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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_948997		Jessa	Jessa	Jessa_cmdLab
EPI_ISL_948998, EPI_ISL_948999		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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_949000		Jessa	Jessa	Jessa_cmdLab
EPI_ISL_949001		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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_949003, EPI_ISL_949005		Jessa	Jessa	Jessa_cmdLab
EPI_ISL_949006, EPI_ISL_949007		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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_949008		Jessa	Jessa	Jessa_cmdLab
EPI_ISL_949009, EPI_ISL_949010		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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_949011, EPI_ISL_949013		Jessa	Jessa	Jessa_cmdLab
EPI_ISL_949014, EPI_ISL_949015, EPI_ISL_949017, EPI_ISL_949018, EPI_ISL_949025, EPI_ISL_949026, EPI_ISL_949027, EPI_ISL_949029, EPI_ISL_949030, EPI_ISL_949031, EPI_ISL_949033, EPI_ISL_949034, EPI_ISL_949036, EPI_ISL_949037, EPI_ISL_949039, EPI_ISL_949041, EPI_ISL_949042, EPI_ISL_949043, EPI_ISL_949044, EPI_ISL_949047, EPI_ISL_949048, EPI_ISL_949049, EPI_ISL_949050, EPI_ISL_949051, EPI_ISL_949053, EPI_ISL_949054, EPI_ISL_949056, EPI_ISL_949057, EPI_ISL_949058, EPI_ISL_949061, EPI_ISL_949063, EPI_ISL_949064, EPI_ISL_949065	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_949070, EPI_ISL_949071, EPI_ISL_949072, EPI_ISL_949077, EPI_ISL_949078		Jessa	Jessa	Jessa_cmdLab
EPI_ISL_949079, EPI_ISL_949080, EPI_ISL_949081		AZT	Jessa	Jessa_cmdLab
EPI_ISL_949083, EPI_ISL_949084, EPI_ISL_949092, EPI_ISL_949095, EPI_ISL_949097, EPI_ISL_949099, EPI_ISL_949102, EPI_ISL_949103, EPI_ISL_949105, EPI_ISL_949106, EPI_ISL_949110, EPI_ISL_949112, EPI_ISL_949115, EPI_ISL_949117, EPI_ISL_949118, EPI_ISL_949119, EPI_ISL_949120, EPI_ISL_949121, EPI_ISL_949122, EPI_ISL_949126, EPI_ISL_949130, EPI_ISL_949131, EPI_ISL_949132, EPI_ISL_949133, EPI_ISL_949137, EPI_ISL_949138, EPI_ISL_949139, EPI_ISL_949142, EPI_ISL_949143, EPI_ISL_949147, EPI_ISL_949148, EPI_ISL_949150, EPI_ISL_949153, EPI_ISL_949156, EPI_ISL_949158, EPI_ISL_949159, EPI_ISL_949160, EPI_ISL_949161, EPI_ISL_949170, EPI_ISL_949171, EPI_ISL_949172, EPI_ISL_949175	see above	Jessa	Jessa	Jessa_cmdLab
EPI_ISL_949177, EPI_ISL_949178, EPI_ISL_949180		Laboratory of Virology and Molecular Diagnostics	Institute of Public Health of Republic of North Macedonia Laboratory of Virology and Molecular Diagnostics	Maja Kuzmanovska, Golubinka Boshevsk
EPI_ISL_949181		Laboratory of Virology and Molecular Diagnostics	Institute of Public Health of Republic of North Macedonia Laboratory of Virology and Molecular Diagnostics	M. Kuzmanovska, G. Boshevsk
EPI_ISL_949182		University of Bari Biomedical Sciences and Human Oncology	University of Bari Biomedical Sciences and Human Oncology	Chironna M., Sallusto A., Loconsole D., Accogli M.
EPI_ISL_949183		National Institute of Health Research and Development	National Institute of Health Research and Development	Kindi Adam; Holy Arif Wibowo; Ririn Ramadhany; Yuni Rukminiati; Agustiniingsih; Hana Apsari Pawestri; Subangkit; Kartika Dewi Puspa; Arie Ardiansyah





[illegible]

EPI_ISL_954059	Labo Analyses Med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Holstein Anne
EPI_ISL_954060, EPI_ISL_954061, EPI_ISL_954062, EPI_ISL_954063, EPI_ISL_954064, EPI_ISL_954065, EPI_ISL_954066, EPI_ISL_954067	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,Breton-Cazaux Jérôme
EPI_ISL_954068, EPI_ISL_954069	Labo Analyses Med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf
EPI_ISL_954070	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,Michez Karine
EPI_ISL_954071, EPI_ISL_954072	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,Lagathu Gisèle
EPI_ISL_954073, EPI_ISL_954075	Outre Mer	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Rousset Dominique
EPI_ISL_954078, EPI_ISL_954079, EPI_ISL_954080	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,Takoudju Eve-Marie
EPI_ISL_954082, EPI_ISL_954083, EPI_ISL_954084	Recherche	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,Leruez-Ville Marianne
EPI_ISL_954085, EPI_ISL_954086, EPI_ISL_954087, EPI_ISL_954089, EPI_ISL_954090	Outre Mer	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Rousset Dominique
EPI_ISL_954091	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,Besson J
EPI_ISL_954092	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,Dlab Dieppe
EPI_ISL_954093	Labo Analyses Med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Holstein Anne
EPI_ISL_954094, EPI_ISL_954097, EPI_ISL_954098, EPI_ISL_954099, EPI_ISL_954100, EPI_ISL_954101, EPI_ISL_954102	Outre Mer	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Rousset Dominique
EPI_ISL_954103, EPI_ISL_954104	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,Raulin Olivia
EPI_ISL_954106, EPI_ISL_954107	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,Lesimple Béatrice
EPI_ISL_954108, EPI_ISL_954109, EPI_ISL_954110, EPI_ISL_954111	Outre Mer	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Rousset Dominique
EPI_ISL_954112	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,Lesimple Béatrice
EPI_ISL_954113, EPI_ISL_954115	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,Lagathu Gisèle
EPI_ISL_954116, EPI_ISL_954117, EPI_ISL_954118	Outre Mer	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Rousset Dominique
EPI_ISL_954119	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,Takoudju Eve-Marie
EPI_ISL_954120	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,Lagathu Gisèle
EPI_ISL_954121, EPI_ISL_954124	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,Takoudju Eve-Marie
EPI_ISL_954126	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,Lesimple Béatrice
EPI_ISL_954144, EPI_ISL_954145, EPI_ISL_954146, EPI_ISL_954147, EPI_ISL_954148, EPI_ISL_954149, EPI_ISL_954150, EPI_ISL_954151, EPI_ISL_954152, EPI_ISL_954154, EPI_ISL_954155, EPI_ISL_954156, EPI_ISL_954157, EPI_ISL_954158, EPI_ISL_954159, EPI_ISL_954160, EPI_ISL_954161, EPI_ISL_954162, EPI_ISL_954163, EPI_ISL_954164, EPI_ISL_954165, EPI_ISL_954166, EPI_ISL_954167, EPI_ISL_954168, EPI_ISL_954169, EPI_ISL_954170, EPI_ISL_954171, EPI_ISL_954172, EPI_ISL_954174, EPI_ISL_954175, EPI_ISL_954176, EPI_ISL_954177, EPI_ISL_954180, EPI_ISL_954181, EPI_ISL_954182			
see above	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, Tomás Pumarola, Josep Quer, Andrés Antón
EPI_ISL_954218, EPI_ISL_954219	1.AO Universitaria 'S. Giovanni di Dio e Ruggi D'Aragona, Scuola Medica Salernitana' Hospital / 2.UOC di Virologia e Microbiologia, Università della Campania 'L. Vanvitelli' / 3.AO Universitaria 'Federico II' Napoli Hospital / 4.AORN 'San Giuseppe Moscati' Avellino Hospital / 5.AO 'San Pio - presidio G. Rummo' Benevento Hospital / 6.AO 'Sant'Anna e San Sebastiano' Caserta Hospital / 7.PO 'Maria Santissima Addolorata' Eboli Hospital / 8.Biogen Istituto di Ricerche Genetiche	1. Genome Research Center for Health (CRGS) / 2. Laboratory of Molecular Medicine and Genomics(LMMGe) / 3. Center for Research in Pure and Applied Mathematics (CRMPA)	Giorgio Giurato, Francesca Rizzo, Alessandro Weisz, Gianluigi Franci, Giovanni Nassa, Pasquale Pagliano, Roberta Tarallo, Elena Alexandrova, Ylenia D'Agostino, Carlo Ferravante, Jessica Lamberti, Viola Melone, Domenico Memoli, Valeria Mirici Cappa, Domenico Palumbo, Giovanni Pecoraro, Assunta Sellitto, Oriana Strianese, Ilaria Terenzi, Giuseppe Fenza, Aniello Gentile, Antonello Saccomanno, Sonia Amabile, Teresa Rocco, Annamaria Salvati, Emilia Vaccaro, Massimiliano Galdiero, Michele Cennamo, Giuseppe Portella, Maria Grazia Foti, Mariarosaria Ingino, Maria Landi, Maurizio Fumi, Vincenzo Rocco, Rita Greco, Vittoria Letizia, Arnolfo Petruzzello, Maddalena Schioppa, Gregorio Goffredi, Francesca Marciano, Michele Caraglia, Alessia Cossu, Marianna Scrima, Edmondo Adorisio, Morena D'Avenia, Michela Iacobellis, Rosanna Piluscio, Giorgio Dirani, Vittorio Sambri, Simona Sempriani, Silvia Zanolì, Francesco Curcio, Stefania Marzinotto, Andreina Baj, Fausto Sessa.
EPI_ISL_954226, EPI_ISL_954298, EPI_ISL_954299, EPI_ISL_954300	MRC/UVRI & LSHTM Uganda Research Unit	Where sequence data have been generated and submitted to GISAID	Matthew Cotten, Dan Lule Bugembe, My V.T. Phan, Isaac Sseeewanyana, Patrick Semanda, Susan Nabadda, Pontiano Kaleebu
EPI_ISL_954748	National Institute of Laboratory Medicine and Referral Center	Genomic Research Lab, BCSIR	Md. Murshed Hasan Sarkar, Mohammad Samir Uzzaman, Eshrar Osman, Md. Ahashan Habib, Shahina Akter, Tanjina Akhtar Banu, Abu Sayeed Mohammad Mahmud, Barna Goswami, Iffat Jahan, Md. Saddam Hossain, Tasnim Nafisa, Md. Maruf Ahmed Molla, Mahmuda Yeasmin, Asish Kumar Ghosh, Arifa Akram, A.K.M.Shamsuzzaman, Md. Salim Khan
EPI_ISL_954749	National Institute of Laboratory Medicine and Referral Center	Genomic Research Lab, BCSIR	Barna Goswami, Mohammad Samir Uzzaman, Eshrar Osman, Md. Ahashan Habib, Shahina Akter,Tanjina Akhtar Banu, Abu Sayeed Mohammad Mahmud, Md. Murshed Hasan Sarkar, Iffat Jahan, Md. Saddam Hossain, Tasnim Nafisa, Md. Maruf Ahmed Molla, Mahmuda Yeasmin, Asish Kumar Ghosh, Arifa Akram, A. K. M. Shamsuzzaman, Md. Salim Khan
EPI_ISL_954751	National Institute of Laboratory Medicine and Referral Center	Genomic Research Lab, BCSIR	Iffat Jahan, Mohammad Samir Uzzaman, Eshrar Osman, Md. Ahashan Habib, Shahina Akter, Tanjina Akhtar Banu, Abu Sayeed Mohammad Mahmud, Md.

			Murshed Hasan Sarkar, Barna Goswami, Md. Saddam Hossain, Tasnim Nafisa, Md. Maruf Ahmed Molla, Mahmuda Yeasmin, Asish Kumar Ghosh, Arifa Akram, A. K. M. Shamsuzzaman, Md. Salim Khan
EPI_ISL_954754	City of Milwaukee Health Department Laboratory	City of Milwaukee Health Department Laboratory	Sanjib Bhattacharyya
EPI_ISL_954775	AZDelta	AZDelta	Geert Martens; Dieter De Smet
EPI_ISL_954776	National Institute of Laboratory Medicine and Referral Center	Genomic Research Lab, BCSIR	Shahina Akter, Mohammad Samir Uzzaman, Eshrar Osman, Md. Ahashan Habib, Tanjina Akhtar Banu, Abu Sayeed Mohammad Mahmud, Md. Murshed Hasan Sarkar, Barna Goswami, Iffat Jahan, Md. Saddam Hossain, Tasnim Nafisa, Md. Maruf Ahmed Molla, Mahmuda Yeasmin, Asish Kumar Ghosh, Arifa Akram, A. K. M. Shamsuzzaman, Md. Salim Khan
EPI_ISL_954778	AZDelta	AZDelta	Geert Martens; Dieter De Smet
EPI_ISL_954780	COMPLEJO HOSPITALARIO XERAL-CALDE	Instituto de Salud Carlos III	Iglesias-Caballero, M. Camarero, S. Sandoñis, V. Vázquez, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Alonso, P.
EPI_ISL_954806	Gerencia de Asistencia Sanitaria de Soria	Instituto de Salud Carlos III	Iglesias-Caballero, M. Camarero, S. Sandoñis, V. Vázquez, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Aldea, C.
EPI_ISL_954807, EPI_ISL_954808	Complejo Hospitalario Universitario La Coruña	Instituto de Salud Carlos III	Iglesias-Caballero, M. Camarero, S. Sandoñis, V. Vázquez, S. Pozo, F. Casas, I. Jiménez, P. Zaballos, A. Monzón, S. Varona, S. Cuesta, I. Peña, F.
EPI_ISL_954814, EPI_ISL_954816, EPI_ISL_954817	AZDelta	AZDelta	Geert Martens; Dieter De Smet
EPI_ISL_954860, EPI_ISL_954863, EPI_ISL_954887, EPI_ISL_954888, EPI_ISL_954889, EPI_ISL_954890, EPI_ISL_954891, EPI_ISL_954896, EPI_ISL_954897, EPI_ISL_954898, EPI_ISL_954899, EPI_ISL_954900, EPI_ISL_954901, EPI_ISL_954903, EPI_ISL_954904, EPI_ISL_954933, EPI_ISL_954935, EPI_ISL_954936, EPI_ISL_954937, EPI_ISL_954938, EPI_ISL_954939, EPI_ISL_954940, EPI_ISL_954941, EPI_ISL_954942			
see above	Colorado Department of Public Health and Environment	Colorado Department of Puplic Health and Environment	Laura Bankers, Molly C. Hetherington-Rauth, Diana Ir, Shannon Ely, Shannon R. Matzinger, Sarah Elizabeth Totten, Emily A. Travanty
EPI_ISL_954943	Laboratory of Virology and Molecular Diagnostics	Institute of Public Health of Republic of North Macedonia Laboratory of Virology and Molecular Diagnostics	M. Kuzmanovska, G. Boshevsk
EPI_ISL_954944, EPI_ISL_954948, EPI_ISL_954949, EPI_ISL_954950, EPI_ISL_954951, EPI_ISL_954952, EPI_ISL_954956, EPI_ISL_954957, EPI_ISL_954960, EPI_ISL_954961, EPI_ISL_954964, EPI_ISL_954967, EPI_ISL_954968, EPI_ISL_954972, EPI_ISL_954973, EPI_ISL_954977, EPI_ISL_954990, EPI_ISL_954991, EPI_ISL_954993, EPI_ISL_954995, EPI_ISL_954997, EPI_ISL_955000, EPI_ISL_955001, EPI_ISL_955003, EPI_ISL_955004, EPI_ISL_955005, EPI_ISL_955006, EPI_ISL_955007, EPI_ISL_955008, EPI_ISL_955009, EPI_ISL_955010, EPI_ISL_955011, EPI_ISL_955014, EPI_ISL_955015, EPI_ISL_955019, EPI_ISL_955023, EPI_ISL_955025, EPI_ISL_955026, EPI_ISL_955029, EPI_ISL_955032, EPI_ISL_955033, EPI_ISL_955034, EPI_ISL_955035, EPI_ISL_955037, EPI_ISL_955040, EPI_ISL_955041, EPI_ISL_955042, EPI_ISL_955043, EPI_ISL_955044, EPI_ISL_955046, EPI_ISL_955047, EPI_ISL_955048, EPI_ISL_955049, EPI_ISL_955050, EPI_ISL_955051, EPI_ISL_955052, EPI_ISL_955054, EPI_ISL_955055, EPI_ISL_955056, EPI_ISL_955058, EPI_ISL_955060			
see above	Colorado Department of Public Health and Environment	Colorado Department of Puplic Health and Environment	Laura Bankers, Molly C. Hetherington-Rauth, Diana Ir, Shannon Ely, Shannon R. Matzinger, Sarah Elizabeth Totten, Emily A. Travanty
EPI_ISL_955061	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Fourgeaud Jacques
EPI_ISL_955062, EPI_ISL_955063	Labo analyses Med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Potiron GréGoire
EPI_ISL_955064	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, Guinoiseau Thibault
EPI_ISL_955065	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Fourgeaud Jacques
EPI_ISL_955066, EPI_ISL_955067	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, Amzalag Jonas
EPI_ISL_955070, EPI_ISL_955071, EPI_ISL_955072	Labo analyses Med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Potiron GréGoire
EPI_ISL_955073	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, Jacques Alexandra
EPI_ISL_955078	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Fourgeaud Jacques
EPI_ISL_955079	Labo analyses Med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Potiron GréGoire
EPI_ISL_955081	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, Guinoiseau Thibault
EPI_ISL_955082	Labo analyses Med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Potiron GréGoire
EPI_ISL_955083, EPI_ISL_955084	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Fourgeaud Jacques
EPI_ISL_955085	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, Joly Isabelle
EPI_ISL_955087, EPI_ISL_955088, EPI_ISL_955089, EPI_ISL_955090, EPI_ISL_955092, EPI_ISL_955093	Labo analyses Med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Potiron GréGoire
EPI_ISL_955095	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, Joly Isabelle
EPI_ISL_955097, EPI_ISL_955099	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, Guinoiseau Thibault
EPI_ISL_955101	National Institute of Laboratory Medicine and Referral Center	Genomic Research Lab, BCSIR	Tanjina Akhtar Banu, Mohammad Samir Uzzaman, Eshrar Osman, Md. Ahashan Habib, Shahina Akter, Abu Sayeed Mohammad Mahmud, Md. Murshed Hasan Sarkar, Barna Goswami, Iffat Jahan, Md. Saddam Hossain, Tasnim Nafisa, Md. Maruf Ahmed Molla, Mahmuda Yeasmin, Asish Kumar Ghosh, Arifa Akram, A. K. M. Shamsuzzaman, Md. Salim Khan
EPI_ISL_955103	National Institute of Laboratory Medicine and Referral Center	Genomic Research Lab, BCSIR	Md. Ahashan Habib, Mohammad Samir Uzzaman, Eshrar Osman, Shahina Akter, Tanjina Akhtar Banu, Abu Sayeed Mohammad Mahmud, Md. Murshed Hasan Sarkar, Barna Goswami, Iffat Jahan, Md. Saddam Hossain, Tasnim Nafisa, Md. Maruf Ahmed Molla, Mahmuda Yeasmin, Asish Kumar Ghosh, Arifa Akram, A. K. M. Shamsuzzaman, Md. Salim Khan
EPI_ISL_955112, EPI_ISL_955113, EPI_ISL_955116, EPI_ISL_955118, EPI_ISL_955119, EPI_ISL_955120, EPI_ISL_955121, EPI_ISL_955122, EPI_ISL_955124	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_955143, EPI_ISL_955145, EPI_ISL_955149	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_955183	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, Le Berre (D) David

EPI_ISL_955184	University of Sarajevo, Veterinary Faculty, Laboratory for Molecular Diagnostic and Research Laboratory	University of Sarajevo, Veterinary Faculty, Laboratory for Molecular Diagnostic and Research Laboratory	Goleti Š., Goleti T., Softi A., Ali-Šeho A., Nicevi M., Hodži A., Terzi I., Šabi E., Jaži A.
EPI_ISL_955187	University of Sarajevo, Veterinary Faculty, Laboratory for Molecular Diagnostic and Research Laboratory	University of Sarajevo, Veterinary Faculty, Laboratory for Molecular Diagnostic and Research Laboratory	Goleti Š., Goleti T., Ali-Šeho A., Softi A., Hodži A., Terzi I., Šabi E., Jaži A., Nicevi M.
EPI_ISL_955188	University of Sarajevo, Veterinary Faculty, Laboratory for Molecular Diagnostic and Research Laboratory	University of Sarajevo, Veterinary Faculty, Laboratory for Molecular Diagnostic and Research Laboratory	Goleti Š., Goleti T., Ali-Šeho A., Softi A., Jaži A., Terzi I., Nicevi M., Šabi E., Hodži A.
EPI_ISL_955210	University of Sarajevo, Veterinary Faculty, Laboratory for Molecular Diagnostic and Research Laboratory	University of Sarajevo, Veterinary Faculty, Laboratory for Molecular Diagnostic and Research Laboratory	Goleti Š., Goleti T., Ali-Šeho A., Softi A., Hodži A., Terzi I., Jaži A., Nicevi M., Šabi E.
EPI_ISL_955211	University of Sarajevo, Veterinary Faculty, Laboratory for Molecular Diagnostic and Research Laboratory	University of Sarajevo, Veterinary Faculty, Laboratory for Molecular Diagnostic and Research Laboratory	Goleti Š., Goleti T., Ali-Šeho A., Softi A., Jaži A., Terzi I., Šabi E., Nicevi M., Hodži A.
EPI_ISL_955218, EPI_ISL_955219, EPI_ISL_955223, EPI_ISL_955224, EPI_ISL_955228	Indiana Animal Disease Diagnostic Laboratory	Carpi Laboratory - Purdue University	Jack Dorman, Ilinca Ciubotariu, Lev Gorenstein, Abebe A Fola, G Kenitra Hendrix, Rebecca P Wilkes, Giovanna Carpi
EPI_ISL_955291	IL Dept. of Public Health Springfield Laboratory	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Krista Queen, Anna Uehara, Peter Cook, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_955294, EPI_ISL_955295, EPI_ISL_955296	Clinical Pathology Lab	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Krista Queen, Anna Uehara, Peter Cook, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_955308	OK Public Health Laboratory, Oklahoma State DOH	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Krista Queen, Anna Uehara, Peter Cook, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_955310	TN Division of Laboratory Services	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Krista Queen, Anna Uehara, Peter Cook, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_955312, EPI_ISL_955321	Clinical Pathology Lab	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Krista Queen, Anna Uehara, Peter Cook, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_955328	IL Dept. of Public Health Springfield Laboratory	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Krista Queen, Anna Uehara, Peter Cook, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_955396, EPI_ISL_955407, EPI_ISL_955409, EPI_ISL_955413, EPI_ISL_955418, EPI_ISL_955425	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciliahub Consortium
EPI_ISL_955428, EPI_ISL_955434, EPI_ISL_955443, EPI_ISL_955445, EPI_ISL_955448, EPI_ISL_955454, EPI_ISL_955462, EPI_ISL_955463, EPI_ISL_955468, EPI_ISL_955480, EPI_ISL_955481, EPI_ISL_955483	see above	see above	see above
EPI_ISL_955768, EPI_ISL_955770, EPI_ISL_955771	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciliahub Consortium
EPI_ISL_955778, EPI_ISL_955780, EPI_ISL_955783, EPI_ISL_955785, EPI_ISL_955788, EPI_ISL_955795, EPI_ISL_955796, EPI_ISL_955800, EPI_ISL_955801, EPI_ISL_955806, EPI_ISL_955819, EPI_ISL_955823, EPI_ISL_955825, EPI_ISL_955826, EPI_ISL_955838, EPI_ISL_955843, EPI_ISL_955850, EPI_ISL_955851, EPI_ISL_955857, EPI_ISL_955861, EPI_ISL_955864, EPI_ISL_955866, EPI_ISL_955875, EPI_ISL_955876, EPI_ISL_955877, EPI_ISL_955882, EPI_ISL_955890, EPI_ISL_955897, EPI_ISL_955899, EPI_ISL_955900, EPI_ISL_955901, EPI_ISL_955902	Humboldt County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Ciliahub Consortium
see above	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_955905	Pamela Youde Nethersole Eastern Hospital	Hong Kong Department of Health	Alan K.L. Tsang, Peter C.W. Yip, Edman T.K. Lam, Rickjason C.W. Chan, Dominic N.C. Tsang
EPI_ISL_956272	Thai Red Cross Emerging Infectious Diseases Health Science Centre, Chulalongkorn Hospital, Faculty of Medicine, Chulalongkorn University	Thai Red Cross Emerging Infectious Diseases Center and Faculty of Medicine, Chulalongkorn University	Rome Buathong, Sopon Iamsirithaworn, Sininat Petcharat, Yutthana Joyjinda, Weenassarin Ampoot, Apaporn Rodpan, Opass Putcharoen, Thiravat Hemachudha, Supaporn Wacharapluesadee
EPI_ISL_956275	Thai Red Cross Emerging Infectious Diseases Health Science Centre, Chulalongkorn Hospital, Faculty of Medicine, Chulalongkorn University	Thai Red Cross Emerging Infectious Diseases Center and Faculty of Medicine, Chulalongkorn University	Ratima samorn, Panpit Suwangool, Sininat Petcharat, Yutthana Joyjinda, Weenassarin Ampoot, Apaporn Rodpan, Opass Putcharoen, Thiravat Hemachudha, Supaporn Wacharapluesadee
EPI_ISL_956280	Institute of Tropical Disease	Institute of Tropical Disease, Universitas Airlangga	Rima R Prasetya, Krisnodi Rahardjo, Aldise M Nastri, Jezzy R Dewantari, Gatot Soegiarto, Laksmi Wulandari, Resti Yudhawati, Soetjipto, Yasuko Mori, Maria I Lusida, Kazufumi Shimizu
EPI_ISL_956281	Siti Khodijah Hospital	Institute of Tropical Disease, Universitas Airlangga	Maria I Lusida, Krisnodi Rahardjo, Aldise M Nastri, Jezzy R Dewantari, Rima R Prasetya, Muhammad Hamdan, Gatot Soegiarto, Laksmi Wulandari, Resti Yudhawati, Soetjipto, Yasuko Mori, Kazufumi Shimizu
EPI_ISL_956312	Institute of Tropical Disease	Institute of Tropical Disease, Universitas Airlangga	Krisnodi Rahardjo, Aldise M Nastri, Jezzy R Dewantari, Rima R Prasetya, Gatot Soegiarto, Laksmi Wulandari, Resti Yudhawati, Yasuko Mori, Soetjipto, Kazufumi Shimizu, Maria I Lusida
EPI_ISL_956315	Siti Khodijah Hospital	Institute of Tropical Disease, Universitas Airlangga	Kazufumi Shimizu, Krisnodi Rahardjo, Aldise M Nastri, Jezzy R Dewantari, Rima R Prasetya, Muhammad Hamdan, Gatot Soegiarto, Laksmi Wulandari, Resti Yudhawati, Yasuko Mori, Soetjipto, Maria I Lusida
EPI_ISL_956327, EPI_ISL_956328, EPI_ISL_956329, EPI_ISL_956330, EPI_ISL_956331	Laboratory Medicine	Department of Laboratory Medicine, Lin-Kou Chang Gung Memorial Hospital, Taoyuan, Taiwan	Kuo-Chien Tsao, Yu-Nong Gong, Shu-Li Yang, Yi-Chun Liu, Chung-Guei Huang, Mei-Jen Hsiao, Po-Wei Huang, Cheng-Ta Yang, Cheng-Hsun Chiu, Peng-Nien Huang, Kuo-Ming Lee, Guang-Wu Chen, Shin-Ru Shih
EPI_ISL_956339	University Hospitals Translational Laboratory (UHTL), University Hospitals	University Hospitals Translational Laboratory (UHTL), University Hospitals	Sadri,N., Alouani,D. and Song,X.
EPI_ISL_956360, EPI_ISL_956363, EPI_ISL_956364	Houston Health Department, Disease Prevention and Control	Houston Health Department, Disease Prevention and Control	Penn,R., Brown,P., Lara,A.
EPI_ISL_956405	General Hospital - Veles	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov" , Macedonian Academy of Sciences and Arts	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska
EPI_ISL_956413, EPI_ISL_956416, EPI_ISL_956420	Laboratory of Virology and Molecular Diagnostics	Institute of Public Health of Republic of North Macedonia Laboratory of Virology and Molecular Diagnostics	Maja Kuzmanovska, Golubinka Boshevska
EPI_ISL_956421	General Hospital - Kumanovo	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov" , Macedonian Academy of Sciences and Arts	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska
EPI_ISL_956422, EPI_ISL_956424, EPI_ISL_956426, EPI_ISL_956427, EPI_ISL_956428, EPI_ISL_956429, EPI_ISL_956430, EPI_ISL_956432, EPI_ISL_956433, EPI_ISL_956434, EPI_ISL_956435, EPI_ISL_956438, EPI_ISL_956440, EPI_ISL_956443, EPI_ISL_956444, EPI_ISL_956445, EPI_ISL_956446, EPI_ISL_956447, EPI_ISL_956448, EPI_ISL_956450, EPI_ISL_956452, EPI_ISL_956453, EPI_ISL_956455, EPI_ISL_956456, EPI_ISL_956459, EPI_ISL_956460, EPI_ISL_956462, EPI_ISL_956463, EPI_ISL_956465, EPI_ISL_956466, EPI_ISL_956467, EPI_ISL_956468, EPI_ISL_956469, EPI_ISL_956470, EPI_ISL_956472, EPI_ISL_956473, EPI_ISL_956475, EPI_ISL_956476, EPI_ISL_956479, EPI_ISL_956480, EPI_ISL_956481, EPI_ISL_956482, EPI_ISL_956485, EPI_ISL_956486, EPI_ISL_956487, EPI_ISL_956488, EPI_ISL_956489, EPI_ISL_956491, EPI_ISL_956493, EPI_ISL_956495, EPI_ISL_956497, EPI_ISL_956498, EPI_ISL_956500, EPI_ISL_956501, EPI_ISL_956503, EPI_ISL_956504, EPI_ISL_956506, EPI_ISL_956508, EPI_ISL_956509, EPI_ISL_956510, EPI_ISL_956511, EPI_ISL_956512, EPI_ISL_956516, EPI_ISL_956518, EPI_ISL_956519, EPI_ISL_956520, EPI_ISL_956521, EPI_ISL_956523, EPI_ISL_956525, EPI_ISL_956527, EPI_ISL_956530, EPI_ISL_956532, EPI_ISL_956535, EPI_ISL_956538, EPI_ISL_956539, EPI_ISL_956541, EPI_ISL_956544, EPI_ISL_956545, EPI_ISL_956546, EPI_ISL_956548, EPI_ISL_956551, EPI_ISL_956552, EPI_ISL_956553, EPI_ISL_956554, EPI_ISL_956555, EPI_ISL_956556, EPI_ISL_956560, EPI_ISL_956561, EPI_ISL_956562, EPI_ISL_956564, EPI_ISL_956568, EPI_ISL_956570, EPI_ISL_956571, EPI_ISL_956572, EPI_ISL_956573, EPI_ISL_956578, EPI_ISL_956579, EPI_ISL_956580, EPI_ISL_956584, EPI_ISL_956585, EPI_ISL_956586, EPI_ISL_956587, EPI_ISL_956588, EPI_ISL_956589, EPI_ISL_956590, EPI_ISL_956591, EPI_ISL_956592,			

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EPI_ISL_956765, EPI_ISL_956766, EPI_ISL_956767, EPI_ISL_956768, EPI_ISL_956770, EPI_ISL_956771, EPI_ISL_956773, EPI_ISL_956777, EPI_ISL_956778, EPI_ISL_956779, EPI_ISL_956780, EPI_ISL_956781, EPI_ISL_956782, EPI_ISL_956784, EPI_ISL_956788, EPI_ISL_956789, EPI_ISL_956790, EPI_ISL_956791, EPI_ISL_956792, EPI_ISL_956793, EPI_ISL_956794, EPI_ISL_956795, EPI_ISL_956796, EPI_ISL_956797, EPI_ISL_956798, EPI_ISL_956800, EPI_ISL_956801, EPI_ISL_956802, EPI_ISL_956803, EPI_ISL_956805, EPI_ISL_956806, EPI_ISL_956807, EPI_ISL_956808, EPI_ISL_956811, EPI_ISL_956812, EPI_ISL_956813, EPI_ISL_956814, EPI_ISL_956815, EPI_ISL_956816, EPI_ISL_956817, EPI_ISL_956818, EPI_ISL_956819, EPI_ISL_956820, EPI_ISL_956822, EPI_ISL_956824, EPI_ISL_956825, EPI_ISL_956827, EPI_ISL_956829, EPI_ISL_956832, EPI_ISL_956833, EPI_ISL_956834, EPI_ISL_956835, EPI_ISL_956837, EPI_ISL_956838, EPI_ISL_956839, EPI_ISL_956840, EPI_ISL_956841, EPI_ISL_956842, EPI_ISL_956843, EPI_ISL_956845, EPI_ISL_956846, EPI_ISL_956847, EPI_ISL_956848, EPI_ISL_956849, EPI_ISL_956852, EPI_ISL_956853, EPI_ISL_956854, EPI_ISL_956855, EPI_ISL_956857, EPI_ISL_956859, EPI_ISL_956860, EPI_ISL_956861, EPI_ISL_956863, EPI_ISL_956864, EPI_ISL_956865, EPI_ISL_956866, EPI_ISL_956867, EPI_ISL_956868, EPI_ISL_956869, EPI_ISL_956870, EPI_ISL_956871, EPI_ISL_956872, EPI_ISL_956873, EPI_ISL_956875, EPI_ISL_956876, EPI_ISL_956877, EPI_ISL_956878, EPI_ISL_956881, EPI_ISL_956882, EPI_ISL_956883, EPI_ISL_956886, EPI_ISL_956890, EPI_ISL_956891, EPI_ISL_956892, EPI_ISL_956893, EPI_ISL_956895, EPI_ISL_956896, EPI_ISL_956897, EPI_ISL_956899, EPI_ISL_956900, EPI_ISL_956901, EPI_ISL_956902, EPI_ISL_956924, EPI_ISL_956925, EPI_ISL_956927, EPI_ISL_956929, EPI_ISL_956930, EPI_ISL_956931, EPI_ISL_956932, EPI_ISL_956933, EPI_ISL_956935, EPI_ISL_956936, EPI_ISL_956937, EPI_ISL_956938, EPI_ISL_956940, EPI_ISL_956941, EPI_ISL_956943, EPI_ISL_956945, EPI_ISL_956946, EPI_ISL_956947, EPI_ISL_956948, EPI_ISL_956950, EPI_ISL_956951, EPI_ISL_956952, EPI_ISL_956953, EPI_ISL_956955, EPI_ISL_956956, EPI_ISL_956957, EPI_ISL_956958, EPI_ISL_956959, EPI_ISL_956960, EPI_ISL_956962, EPI_ISL_956963, EPI_ISL_956964, EPI_ISL_956966, EPI_ISL_956967, EPI_ISL_956968, EPI_ISL_956969, EPI_ISL_956970, EPI_ISL_956971, EPI_ISL_956972, EPI_ISL_956974, EPI_ISL_956975, EPI_ISL_956976, EPI_ISL_956977, EPI_ISL_956978, EPI_ISL_956979, EPI_ISL_956980, EPI_ISL_956982, EPI_ISL_956983, EPI_ISL_956985, EPI_ISL_956987, EPI_ISL_956989, EPI_ISL_956992, EPI_ISL_956994, EPI_ISL_956996, EPI_ISL_956997, EPI_ISL_957000, EPI_ISL_957002, EPI_ISL_957003, EPI_ISL_957004, EPI_ISL_957005, EPI_ISL_957006, EPI_ISL_957010, EPI_ISL_957011, EPI_ISL_957012, EPI_ISL_957013, EPI_ISL_957014, EPI_ISL_957015, EPI_ISL_957016, EPI_ISL_957017, EPI_ISL_957018, EPI_ISL_957019, EPI_ISL_957020, EPI_ISL_957021, EPI_ISL_957023, EPI_ISL_957025, EPI_ISL_957026, EPI_ISL_957027, EPI_ISL_957028, EPI_ISL_957029, EPI_ISL_957030, EPI_ISL_957031, EPI_ISL_957032, EPI_ISL_957033, EPI_ISL_957034, EPI_ISL_957035, EPI_ISL_957036, EPI_ISL_957037, EPI_ISL_957038, EPI_ISL_957039, EPI_ISL_957041, EPI_ISL_957042, EPI_ISL_957044, EPI_ISL_957045, EPI_ISL_957047, EPI_ISL_957048, EPI_ISL_957049, EPI_ISL_957050, EPI_ISL_957051	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_957054		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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
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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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team

EPI\_ISL\_957705

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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team

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All Submitters of data may be contacted directly via [www.gisaid.org](http://www.gisaid.org)

Authors are sorted alphabetically.

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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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_958922, EPI_ISL_958923, EPI_ISL_958924, EPI_ISL_958928, EPI_ISL_958929, EPI_ISL_958937, EPI_ISL_958940, EPI_ISL_958943, EPI_ISL_958944, EPI_ISL_958949, EPI_ISL_958950, EPI_ISL_958951, EPI_ISL_958953, EPI_ISL_958954, EPI_ISL_958956, EPI_ISL_958959, EPI_ISL_959002, EPI_ISL_959009, EPI_ISL_959012, EPI_ISL_959016, EPI_ISL_959051, EPI_ISL_959059, EPI_ISL_959061, EPI_ISL_959068, EPI_ISL_959071, EPI_ISL_959072, EPI_ISL_959073, EPI_ISL_959129, EPI_ISL_959133, EPI_ISL_959142, EPI_ISL_959146, EPI_ISL_959161, EPI_ISL_959163, EPI_ISL_959165, EPI_ISL_959169, EPI_ISL_959171, EPI_ISL_959172, EPI_ISL_959173, EPI_ISL_959176, EPI_ISL_959210, EPI_ISL_959214, EPI_ISL_959215, EPI_ISL_959220, EPI_ISL_959221, EPI_ISL_959227, EPI_ISL_959249, EPI_ISL_959254, EPI_ISL_959255, EPI_ISL_959257, EPI_ISL_959259, EPI_ISL_959262, EPI_ISL_959263			
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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_959271, EPI_ISL_959272, EPI_ISL_959273	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
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EPI_ISL_959289, EPI_ISL_959291	General Hospital - Ohrid	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov", Macedonian Academy of Sciences and Arts	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska
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EPI_ISL_959371	National Institute of Laboratory Medicine and Referral Center	Genomic Research Lab, BCSIR	Shahina Akter, Mohammad Samir Uzzaman, Eshrar Osman, Md. Ahashan Habib, Tanjina Akhtar Banu, Abu Sayeed Mohammad Mahmud, Md. Murshed Hasan Sarkar, Barna Goswami, Iffat Jahan, Md. Saddam Hossain, Tasnim Nafisa, Md. Maruf Ahmed Molla, Mahmuda Yeasmin, Asish Kumar Ghosh, Arifa Akram, A. K. M. Shamsuzzaman, Md. Salim Khan
EPI_ISL_959372	National Institute of Laboratory Medicine and Referral Center	Genomic Research Lab, BCSIR	Tanjina Akhtar Banu, Mohammad Samir Uzzaman, Eshrar Osman, Md. Ahashan Habib, Shahina Akter, Abu Sayeed Mohammad Mahmud, Md. Murshed Hasan Sarkar, Barna Goswami, Iffat Jahan, Md. Saddam Hossain, Tasnim Nafisa, Md. Maruf Ahmed Molla, Mahmuda Yeasmin, Asish Kumar Ghosh, Arifa Akram, A. K. M. Shamsuzzaman, Md. Salim Khan
EPI_ISL_959376	Laboratory of Virology and Molecular Diagnostics	Institute of Public Health of Republic of North Macedonia Laboratory of Virology and Molecular Diagnostics	Kuzmanovska M., Boshevska G.
EPI_ISL_959388, EPI_ISL_959389, EPI_ISL_959390, EPI_ISL_959391, EPI_ISL_959392, EPI_ISL_959393, EPI_ISL_959394, EPI_ISL_959395, EPI_ISL_959396, EPI_ISL_959397, EPI_ISL_959398, EPI_ISL_959399, EPI_ISL_959400, EPI_ISL_959401, EPI_ISL_959402, EPI_ISL_959403, EPI_ISL_959404, EPI_ISL_959405, EPI_ISL_959406, EPI_ISL_959407, EPI_ISL_959408, EPI_ISL_959409, EPI_ISL_959410, EPI_ISL_959411, EPI_ISL_959412, EPI_ISL_959413			
see above	genXone SA, Molecular Diagnostics Laboratory / NZOZ	genXone SA, Research & Development Laboratory	Maciej Sykulski, Grzegorz Nowicki, Jakub Grabowski, Natalia Drwska-Matelska, Anna Brylak-Baszków, Aleksandra Gidlewicz, Karol Szeszko, ukasz Krych, Micha Kaszuba
EPI_ISL_959432, EPI_ISL_959434, EPI_ISL_959437, EPI_ISL_959439, EPI_ISL_959441, EPI_ISL_959442, EPI_ISL_959447, EPI_ISL_959448, EPI_ISL_959450, EPI_ISL_959451, EPI_ISL_959454, EPI_ISL_959456, EPI_ISL_959457, EPI_ISL_959458, EPI_ISL_959459, EPI_ISL_959460, EPI_ISL_959464, EPI_ISL_959471			
see above	Servicio de Microbiología, Hospital Universitario Son Espases	SeqCOVID-SPAIN consortium/IBV(CSIC)	Carla López-Causapé, Jordi Reina, Antonio Oliver and SeqCOVID-SPAIN consortium
EPI_ISL_959475	National Institute of Laboratory Medicine and Referral Center	Genomic Research Lab, BCSIR	Iffat Jahan, Mohammad Samir Uzzaman, Md. Ahashan Habib, Shahina Akter, Tanjina Akhtar Banu, Abu Sayeed Mohammad Mahmud, Md. Murshed Hasan Sarkar, Barna Goswami, Saddam Hossain, Tasnim Nafisa, Md. Maruf Ahmed Molla, Mahmuda Yeasmin, Asish Kumar Ghosh, Arifa Akram, A. K. M. Shamsuzzaman, Md. Salim Khan
EPI_ISL_959544	Laboratory of Virology and Molecular Diagnostics	Institute of Public Health of Republic of North Macedonia Laboratory of Virology and Molecular Diagnostics	Kuzmanovska M., Boshevska G.
EPI_ISL_959545	National Institute of Laboratory Medicine and Referral Center	Genomic Research Lab, BCSIR	Md. Saddam Hossain, Mohammad Samir Uzzaman, Eshrar Osman, Md. Ahashan Habib, Shahina Akter, Tanjina Akhtar Banu, Abu Sayeed Mohammad Mahmud, Md. Murshed Hasan Sarkar, Barna Goswami, Iffat Jahan, Tasnim Nafisa, Md. Maruf Ahmed Molla, Mahmuda Yeasmin, Asish Kumar Ghosh, Arifa Akram, A. K. M. Shamsuzzaman, Md. Salim Khan
EPI_ISL_959546	Laboratory of Virology and Molecular Diagnostics	Institute of Public Health of Republic of North Macedonia Laboratory of Virology and Molecular Diagnostics	Kuzmanovska M., Boshevska G.
EPI_ISL_959571, EPI_ISL_959572,	Labo Luc Olivier	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours

EPI_ISL_959577, EPI_ISL_959582, EPI_ISL_959584, EPI_ISL_959585			
EPI_ISL_959589	Vivalia - Clinique Saint-Joseph	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_959600, EPI_ISL_959601, EPI_ISL_959602	CHR de la Citadelle	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_959603	Synlab	GIGA Medical Genomics	Keith Durkin, Maria Artesi, Sébastien Bontems, Raphaël Boreux, Bouchra Boujemla, Cécile Meex, Pierrette Melin, Marie-Pierre Hayette, Vincent Bours
EPI_ISL_959637	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 Vina, Jozef Nosek, Boris Klempa
EPI_ISL_959639, EPI_ISL_959645, EPI_ISL_959646	Institute of Virology, Biomedical Research Center of the Slovak Academy of Sciences, Bratislava	Faculty of Natural Sciences, Comenius University, Bratislava	Kristína Boršová, Viktória abanová, Broa Brejová, Viktória Hodorová, Sabina Fumaová Havlíková, Juraj Kopáek, Martina Liková, ubomíra Lukáiková, Martina Neboháová, Monika Sláviková, Tomáš Vina, Boris Klempa, Jozef Nosek
EPI_ISL_959750, EPI_ISL_959751, EPI_ISL_959752, EPI_ISL_959753, EPI_ISL_959754, EPI_ISL_959756, EPI_ISL_959757, EPI_ISL_959758, EPI_ISL_959759, EPI_ISL_959760, EPI_ISL_959765, EPI_ISL_959767, EPI_ISL_959768, EPI_ISL_959769, EPI_ISL_959771, EPI_ISL_959772, EPI_ISL_959773, EPI_ISL_959777, EPI_ISL_959778, EPI_ISL_959780, EPI_ISL_959781, EPI_ISL_959782, EPI_ISL_959783, EPI_ISL_959784, EPI_ISL_959785, EPI_ISL_959786, EPI_ISL_959787, EPI_ISL_959788, EPI_ISL_959789, EPI_ISL_959790, EPI_ISL_959791, EPI_ISL_959792, EPI_ISL_959793, EPI_ISL_959794, EPI_ISL_959796, EPI_ISL_959799, EPI_ISL_959800, EPI_ISL_959801, EPI_ISL_959802, EPI_ISL_959803, EPI_ISL_959805, EPI_ISL_959811, EPI_ISL_959812, EPI_ISL_959813, EPI_ISL_959814, EPI_ISL_959815, EPI_ISL_959816, EPI_ISL_959817, EPI_ISL_959818, EPI_ISL_959820, EPI_ISL_959821, EPI_ISL_959822, EPI_ISL_959823, EPI_ISL_959824, EPI_ISL_959825, EPI_ISL_959826, EPI_ISL_959827, EPI_ISL_959828, EPI_ISL_959829, EPI_ISL_959830, EPI_ISL_959831, EPI_ISL_959832, EPI_ISL_959833, EPI_ISL_959834, EPI_ISL_959835, EPI_ISL_959836, EPI_ISL_959837, EPI_ISL_959838			
see above	National Virus Reference Laboratory	National Virus Reference Laboratory	Michael Carr, Gabriel Gonzalez, Jonathan Dean, Cillian F De Gascun
EPI_ISL_960405, EPI_ISL_960406, EPI_ISL_960408, EPI_ISL_960412, EPI_ISL_960415, EPI_ISL_960420, EPI_ISL_960421, EPI_ISL_960422, EPI_ISL_960427, EPI_ISL_960428, EPI_ISL_960429, EPI_ISL_960431, EPI_ISL_960437, EPI_ISL_960439, EPI_ISL_960440			
see above	The National Institute of Public Health	State Veterinary Institute Prague	Nagy,A;Vecerova,J;Cernikova,L;Stara,M;Jirincova,H;Trnka,D
EPI_ISL_960893	Institute of Medical Microbiology and Hospital Hygiene	Institute of Medical Microbiology and Hospital Hygiene	Prof. Dr. Achim Kaasch, Aljoscha Tersteegen
EPI_ISL_960905, EPI_ISL_960906, EPI_ISL_960908, EPI_ISL_960909, EPI_ISL_960910, EPI_ISL_960912, EPI_ISL_960913, EPI_ISL_960914, EPI_ISL_960915, EPI_ISL_960916, EPI_ISL_960917, EPI_ISL_960918, EPI_ISL_960919, EPI_ISL_960920, EPI_ISL_960921, EPI_ISL_960922, EPI_ISL_960923, EPI_ISL_960924, EPI_ISL_960925, EPI_ISL_960926, EPI_ISL_960927, EPI_ISL_960928, EPI_ISL_960929, EPI_ISL_960930, EPI_ISL_960931, EPI_ISL_960932, EPI_ISL_960933, EPI_ISL_960934, EPI_ISL_960944, EPI_ISL_960945, EPI_ISL_960946, EPI_ISL_960947, EPI_ISL_960948, EPI_ISL_960949, EPI_ISL_960950, EPI_ISL_960954, EPI_ISL_960956, EPI_ISL_960958, EPI_ISL_960959, EPI_ISL_960960, EPI_ISL_960961, EPI_ISL_960963, EPI_ISL_960964, EPI_ISL_960965, EPI_ISL_960968, EPI_ISL_960969, EPI_ISL_960970, EPI_ISL_960972, EPI_ISL_960973, EPI_ISL_960974, EPI_ISL_960975, EPI_ISL_960976, EPI_ISL_960977, EPI_ISL_960978, EPI_ISL_960979, EPI_ISL_960980			
see above	Medizinisches Labor Prof. Dr. Schenk/ Dr. Ansoerge & Kollegen, Magdeburg	Institute of Medical Microbiology and Hospital Hygiene	Prof. Dr. Achim Kaasch, Aljoscha Tersteegen
EPI_ISL_961072, EPI_ISL_961073	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_961075	SIESP DIPARTIMENTO DI PREVENZIONE CHIETI	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_961083	DIP. PREV. AVEZZANO SERVIZIO DI IGIENE EPIDEMIOLOGIAE SANITA' PUBBLICA	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_961084	SIESP TERAMO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_961087, EPI_ISL_961089	SIESP DIPARTIMENTO DI PREVENZIONE CHIETI	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_961093	Ospedale SS Annunziata	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_961094	DIP. PREV. AVEZZANO SERVIZIO DI IGIENE EPIDEMIOLOGIAE SANITA' PUBBLICA	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_961097, EPI_ISL_961098, EPI_ISL_961099, EPI_ISL_961101, EPI_ISL_961103	SIESP TERAMO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A, Marcacci M, Di Domenico M, Ancora M, Curini V, Mangone I, Rinaldi A, Scialabba S, Di Pasquale A, Cammà C, Puglia I, Calistri P, Savini G
EPI_ISL_961130	Delaware Public Health Laboratory	Delaware Public Health Lab	Gregory Hovan
EPI_ISL_961215, EPI_ISL_961219, EPI_ISL_961227, EPI_ISL_961229, EPI_ISL_961232, EPI_ISL_961242, EPI_ISL_961243, EPI_ISL_961245, EPI_ISL_961249, EPI_ISL_961259, EPI_ISL_961260, EPI_ISL_961269, EPI_ISL_961280			
see above	Hospital General Universitario de Alicante - Instituto de Investigación Sanitaria y Biomédica de Alicante	SeqCOVID-SPAIN consortium/IBV(CSIC)	Maripaz Ventero Martín, Carmen Molina Pardines and SeqCOVID-SPAIN consortium
EPI_ISL_961355	Centrum voor Medische Analyse	UAntwerp, Laboratory of Medical Microbiology	Basil Britto Xavier, Jasmine Coppens, Marie Le Mercier, Christine Lammens, Veerle Matheeuessen, Herman Goossens
EPI_ISL_961358, EPI_ISL_961359, EPI_ISL_961363, EPI_ISL_961370, EPI_ISL_961372, EPI_ISL_961376, EPI_ISL_961377, EPI_ISL_961378, EPI_ISL_961382, EPI_ISL_961385, EPI_ISL_961386, EPI_ISL_961387, EPI_ISL_961389, EPI_ISL_961392, EPI_ISL_961395, EPI_ISL_961396, EPI_ISL_961397, EPI_ISL_961398, EPI_ISL_961399, EPI_ISL_961400, EPI_ISL_961401, EPI_ISL_961402, EPI_ISL_961403, EPI_ISL_961404, EPI_ISL_961405, EPI_ISL_961406, EPI_ISL_961407, EPI_ISL_961409, EPI_ISL_961411, EPI_ISL_961412, EPI_ISL_961414, EPI_ISL_961416, EPI_ISL_961417, EPI_ISL_961418, EPI_ISL_961420, EPI_ISL_961421, EPI_ISL_961422, EPI_ISL_961424, EPI_ISL_961426, EPI_ISL_961428, EPI_ISL_961429, EPI_ISL_961430, EPI_ISL_961433, EPI_ISL_961434, EPI_ISL_961435, EPI_ISL_961436, EPI_ISL_961439, EPI_ISL_961440, EPI_ISL_961441, EPI_ISL_961445, EPI_ISL_961447, EPI_ISL_961448, EPI_ISL_961450, EPI_ISL_961452, EPI_ISL_961453, EPI_ISL_961454, EPI_ISL_961458, EPI_ISL_961460, EPI_ISL_961461, EPI_ISL_961462			
see above	Toronto Invasive Bacterial Diseases Network	McMaster University	Allison McGeer, Patryk Aftanas, Hooman Derakhshani, Angel Li, Kuganya Nirmalarajah, Emily Panousis, Ahmed Draia, Jalees Nasir, Michael Surette, Samira Mubareka, Andrew G. McArthur
EPI_ISL_961467, EPI_ISL_961468	LESP Nuevo Leon/Grupo de Diagnostico ARIES	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Claudia Wong-Arambula, Abril Rodriguez-Maldonado, Fabiola Garces-Ayala, Natividad Cruz-Ortiz, Tatiana Nunez-Garcia, Gisela Barrera-Badillo, Lucia Hernandez-Rivas, Irma Lopez-Martinez, Ernesto Ramirez-Gonzalez.
EPI_ISL_961580, EPI_ISL_961581, EPI_ISL_961582, EPI_ISL_961583, EPI_ISL_961584, EPI_ISL_961585, EPI_ISL_961586, EPI_ISL_961587, EPI_ISL_961589, EPI_ISL_961590, EPI_ISL_961591, EPI_ISL_961592, EPI_ISL_961593, EPI_ISL_961594, EPI_ISL_961595, EPI_ISL_961596, EPI_ISL_961597, EPI_ISL_961603, EPI_ISL_961604, EPI_ISL_961605, EPI_ISL_961606, EPI_ISL_961610, EPI_ISL_961611, EPI_ISL_961612, EPI_ISL_961613, EPI_ISL_961614, EPI_ISL_961615, EPI_ISL_961616, EPI_ISL_961617, EPI_ISL_961618, EPI_ISL_961619, EPI_ISL_961620, EPI_ISL_961621, EPI_ISL_961622, EPI_ISL_961623, EPI_ISL_961624, EPI_ISL_961625, EPI_ISL_961626, EPI_ISL_961627, EPI_ISL_961628, EPI_ISL_961629, EPI_ISL_961630, EPI_ISL_961631, EPI_ISL_961632, EPI_ISL_961633, EPI_ISL_961635, EPI_ISL_961636, EPI_ISL_961637, EPI_ISL_961638, EPI_ISL_961639, EPI_ISL_961640, EPI_ISL_961641, EPI_ISL_961642, EPI_ISL_961651, EPI_ISL_961652, EPI_ISL_961653, EPI_ISL_961654, EPI_ISL_961655, EPI_ISL_961656, EPI_ISL_961658, EPI_ISL_961659, EPI_ISL_961660			
see above	Hôpital Georges L. Dumont	National Microbiology Laboratory (NML)	Anna Majer, Shari Tyson, Grace Seo, Philip Mabon, Elsie Grudeski, Rhiannon Huzarewich, Russell Mandes, Anneliese Landgraff, Jennifer Tanner, Natalie Knox, Morag Graham, Gary Van Domselaar, Richard Garceau, Guillaume Desnoyers, Nathalie Bastien, Yan Li, Timothy Booth, Darian Hole, Madison Chapel, Kirsten Biggar, CanCOGeN's metadata curation team, Public Health Agency of Canada CanCOGeN team
EPI_ISL_961752	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_961754	Presidio Ospedaliero 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_961755, EPI_ISL_961757	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_961804	E. Gulbja laboratorija	Latvian Biomedical Research and Study Centre	Janis Pjalkovskis, Nikita Zrelavs, Monta Ustinova, Ivars Silamikelis, Liga Birzniece, Kaspars Megnis, Vita Rovite, Lauma Freimane, Laila Silamikele, Laura Ansona, Davids Fridmanis, Mikus Gavars, Dmitrijs Perminovs, Jurisjs Perevoscikovs, Uga Dumpis, Janis Klovins
EPI_ISL_961805	Centrālā laboratorija	Latvian Biomedical Research and Study Centre	Janis Pjalkovskis, Nikita Zrelavs, Monta Ustinova, Ivars Silamikelis, Liga Birzniece, Kaspars Megnis, Vita Rovite, Lauma Freimane, Laila Silamikele, Laura Ansona, Davids Fridmanis, Marta Priedite, Jana Osite, Jurisjs Perevoscikovs, Uga Dumpis, Janis Klovins

EPI_ISL_961807	E. Gulbja laboratorija	Latvian Biomedical Research and Study Centre	Janis Pjalkovskis, Nikita Zrelavs, Monta Ustinova, Ivars Silamikelis, Liga Birzniece, Kaspars Megnis, Vita Rovite, Lauma Freimane, Laila Silamikele, Laura Ansone, Davids Fridmanis, Mikus Gavars, Dmitrijs Perminovs, Jurisjs Perevoscikovs, Uga Dumpis, Janis Klovins
EPI_ISL_961809, EPI_ISL_961810, EPI_ISL_961811, EPI_ISL_961812, EPI_ISL_961813, EPI_ISL_961814, EPI_ISL_961815, EPI_ISL_961816, EPI_ISL_961817, EPI_ISL_961818, EPI_ISL_961819, EPI_ISL_961820, EPI_ISL_961821, EPI_ISL_961822, EPI_ISL_961823, EPI_ISL_961824, EPI_ISL_961825, EPI_ISL_961826, EPI_ISL_961827, EPI_ISL_961828, EPI_ISL_961829, EPI_ISL_961830			
see above	Centrala laboratorija	Latvian Biomedical Research and Study Centre	Janis Pjalkovskis, Nikita Zrelavs, Monta Ustinova, Ivars Silamikelis, Liga Birzniece, Kaspars Megnis, Vita Rovite, Lauma Freimane, Laila Silamikele, Laura Ansone, Davids Fridmanis, Marta Priedite, Jana Osite, Jurisjs Perevoscikovs, Uga Dumpis, Janis Klovins
EPI_ISL_961831	Latvijas Infektologijas Centrs	Latvian Biomedical Research and Study Centre	Janis Pjalkovskis, Nikita Zrelavs, Monta Ustinova, Ivars Silamikelis, Liga Birzniece, Kaspars Megnis, Vita Rovite, Lauma Freimane, Laila Silamikele, Laura Ansone, Davids Fridmanis, Reinis Zeltmatis, Diana Dusacka, Jurisjs Perevoscikovs, Uga Dumpis, Janis Klovins
EPI_ISL_961832	E. Gulbja laboratorija	Latvian Biomedical Research and Study Centre	Janis Pjalkovskis, Nikita Zrelavs, Monta Ustinova, Ivars Silamikelis, Liga Birzniece, Kaspars Megnis, Vita Rovite, Lauma Freimane, Laila Silamikele, Laura Ansone, Davids Fridmanis, Mikus Gavars, Dmitrijs Perminovs, Jurisjs Perevoscikovs, Uga Dumpis, Janis Klovins
EPI_ISL_961833, EPI_ISL_961834, EPI_ISL_961835, EPI_ISL_961836, EPI_ISL_961837, EPI_ISL_961838, EPI_ISL_961839, EPI_ISL_961840, EPI_ISL_961841, EPI_ISL_961842, EPI_ISL_961843, EPI_ISL_961844, EPI_ISL_961845, EPI_ISL_961846, EPI_ISL_961847, EPI_ISL_961848, EPI_ISL_961849, EPI_ISL_961850, EPI_ISL_961851			
see above	Centrala laboratorija	Latvian Biomedical Research and Study Centre	Janis Pjalkovskis, Nikita Zrelavs, Monta Ustinova, Ivars Silamikelis, Liga Birzniece, Kaspars Megnis, Vita Rovite, Lauma Freimane, Laila Silamikele, Laura Ansone, Davids Fridmanis, Reinis Zeltmatis, Diana Dusacka, Jurisjs Perevoscikovs, Uga Dumpis, Janis Klovins
EPI_ISL_961852	Latvijas Infektologijas Centrs	Latvian Biomedical Research and Study Centre	Janis Pjalkovskis, Nikita Zrelavs, Monta Ustinova, Ivars Silamikelis, Liga Birzniece, Kaspars Megnis, Vita Rovite, Lauma Freimane, Laila Silamikele, Laura Ansone, Davids Fridmanis, Reinis Zeltmatis, Diana Dusacka, Jurisjs Perevoscikovs, Uga Dumpis, Janis Klovins
EPI_ISL_961853, EPI_ISL_961854, EPI_ISL_961855, EPI_ISL_961856, EPI_ISL_961857, EPI_ISL_961858, EPI_ISL_961859, EPI_ISL_961860, EPI_ISL_961861	E. Gulbja laboratorija	Latvian Biomedical Research and Study Centre	Janis Pjalkovskis, Nikita Zrelavs, Monta Ustinova, Ivars Silamikelis, Liga Birzniece, Kaspars Megnis, Vita Rovite, Lauma Freimane, Laila Silamikele, Laura Ansone, Davids Fridmanis, Mikus Gavars, Dmitrijs Perminovs, Jurisjs Perevoscikovs, Uga Dumpis, Janis Klovins
EPI_ISL_961862, EPI_ISL_961863	Latvijas Infektologijas Centrs	Latvian Biomedical Research and Study Centre	Janis Pjalkovskis, Nikita Zrelavs, Monta Ustinova, Ivars Silamikelis, Liga Birzniece, Kaspars Megnis, Vita Rovite, Lauma Freimane, Laila Silamikele, Laura Ansone, Davids Fridmanis, Reinis Zeltmatis, Diana Dusacka, Jurisjs Perevoscikovs, Uga Dumpis, Janis Klovins
EPI_ISL_961864, EPI_ISL_961865	E. Gulbja laboratorija	Latvian Biomedical Research and Study Centre	Janis Pjalkovskis, Nikita Zrelavs, Monta Ustinova, Ivars Silamikelis, Liga Birzniece, Kaspars Megnis, Vita Rovite, Lauma Freimane, Laila Silamikele, Laura Ansone, Davids Fridmanis, Mikus Gavars, Dmitrijs Perminovs, Jurisjs Perevoscikovs, Uga Dumpis, Janis Klovins
EPI_ISL_961866	Latvijas Infektologijas Centrs	Latvian Biomedical Research and Study Centre	Janis Pjalkovskis, Nikita Zrelavs, Monta Ustinova, Ivars Silamikelis, Liga Birzniece, Kaspars Megnis, Vita Rovite, Lauma Freimane, Laila Silamikele, Laura Ansone, Davids Fridmanis, Reinis Zeltmatis, Diana Dusacka, Jurisjs Perevoscikovs, Uga Dumpis, Janis Klovins
EPI_ISL_961867, EPI_ISL_961868	E. Gulbja laboratorija	Latvian Biomedical Research and Study Centre	Janis Pjalkovskis, Nikita Zrelavs, Monta Ustinova, Ivars Silamikelis, Liga Birzniece, Kaspars Megnis, Vita Rovite, Lauma Freimane, Laila Silamikele, Laura Ansone, Davids Fridmanis, Mikus Gavars, Dmitrijs Perminovs, Jurisjs Perevoscikovs, Uga Dumpis, Janis Klovins
EPI_ISL_961869, EPI_ISL_961870	Latvijas Infektologijas Centrs	Latvian Biomedical Research and Study Centre	Janis Pjalkovskis, Nikita Zrelavs, Monta Ustinova, Ivars Silamikelis, Liga Birzniece, Kaspars Megnis, Vita Rovite, Lauma Freimane, Laila Silamikele, Laura Ansone, Davids Fridmanis, Reinis Zeltmatis, Diana Dusacka, Jurisjs Perevoscikovs, Uga Dumpis, Janis Klovins
EPI_ISL_961871, EPI_ISL_961872, EPI_ISL_961873, EPI_ISL_961874, EPI_ISL_961875	E. Gulbja laboratorija	Latvian Biomedical Research and Study Centre	Janis Pjalkovskis, Nikita Zrelavs, Monta Ustinova, Ivars Silamikelis, Liga Birzniece, Kaspars Megnis, Vita Rovite, Lauma Freimane, Laila Silamikele, Laura Ansone, Davids Fridmanis, Mikus Gavars, Dmitrijs Perminovs, Jurisjs Perevoscikovs, Uga Dumpis, Janis Klovins
EPI_ISL_961876	Latvijas Infektologijas Centrs	Latvian Biomedical Research and Study Centre	Janis Pjalkovskis, Nikita Zrelavs, Monta Ustinova, Ivars Silamikelis, Liga Birzniece, Kaspars Megnis, Vita Rovite, Lauma Freimane, Laila Silamikele, Laura Ansone, Davids Fridmanis, Reinis Zeltmatis, Diana Dusacka, Jurisjs Perevoscikovs, Uga Dumpis, Janis Klovins
EPI_ISL_961877, EPI_ISL_961878, EPI_ISL_961879, EPI_ISL_961880	E. Gulbja laboratorija	Latvian Biomedical Research and Study Centre	Janis Pjalkovskis, Nikita Zrelavs, Monta Ustinova, Ivars Silamikelis, Liga Birzniece, Kaspars Megnis, Vita Rovite, Lauma Freimane, Laila Silamikele, Laura Ansone, Davids Fridmanis, Mikus Gavars, Dmitrijs Perminovs, Jurisjs Perevoscikovs, Uga Dumpis, Janis Klovins
EPI_ISL_962121, EPI_ISL_962133, EPI_ISL_962145, EPI_ISL_962176	Illinois Department of Public Health	Gagnon Lab, Southern Illinois University	Keith Gagnon
EPI_ISL_962182	Ohio Department of Health Laboratory	Ohio Department of Health Laboratory	Holmes, Jennifer; Eric Brandt, Keoni Omura, Glen McGillivray, Caitlin McDonnell, Jade Mowery, Stephanie Mccracken, Tyler Payne, Kirtana Ramadugu, Erica Leasure, Brent Lee, Kelsey Florek, Heather Blankenship, Quantia Brown, and Tammy Bannerman
EPI_ISL_962183, EPI_ISL_962186, EPI_ISL_962187, EPI_ISL_962189, EPI_ISL_962190, EPI_ISL_962193, EPI_ISL_962196, EPI_ISL_962197, EPI_ISL_962198, EPI_ISL_962199, EPI_ISL_962200, EPI_ISL_962201, EPI_ISL_962202			
see above	Toronto Invasive Bacterial Diseases Network	McMaster University	Allison McGeer, Patryk Aftanas, Hooman Derakhshani, Angel Li, Kuganya Nirmalarajah, Emily Panousis, Ahmed Draia, Jalees Nasir, Michael Surette, Samira Mubareka, Andrew G. McArthur
EPI_ISL_962203, EPI_ISL_962204, EPI_ISL_962205, EPI_ISL_962206, EPI_ISL_962207	Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia	Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia	Suppiah J, Kamel K, Azizan MA, Thayan R
EPI_ISL_962274	Seattle Flu Study	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazer, 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, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Jay Shendure, Trevor Bedford, Helen Y. Chu
EPI_ISL_962308	Altius Institute for Biomedical Sciences	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazer, Jover Lee, Benjamin Pelle, Erica Ryke, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Ryan Alexander, Daniel Bates, Rebecca Bruders, Stephanie DeBaun, Clem Green, Muhammad Halimun, Jessica Halow, Kneshay Harper, Matt Hartman, Andrew Meuser, Alex Nguyen, Truong Nguyen, Sofia Olsson, Sadie Patraw, Hannah Petersen, Tobias Ragocz, Joshua Richards, Jacob Rodriguez, John Stamatoyannopoulos, Julia Wald, Olivia Waltnr, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Helen Y. Chu, Jay Shendure, Trevor Bedford
EPI_ISL_962407, EPI_ISL_962437	Washington State Department of Health	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazer, 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_962509, EPI_ISL_962521	UCLA Clinical Micro Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_962523, EPI_ISL_962524, EPI_ISL_962525, EPI_ISL_962526, EPI_ISL_962527	Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia	Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia	Suppiah J, Kamel K, Azizan MA, Thayan R
EPI_ISL_962603, EPI_ISL_962605, EPI_ISL_962606, EPI_ISL_962608	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_962618, EPI_ISL_962619, EPI_ISL_962620, EPI_ISL_962621, EPI_ISL_962622, EPI_ISL_962626, EPI_ISL_962627, EPI_ISL_962628, EPI_ISL_962629, EPI_ISL_962630, EPI_ISL_962631, EPI_ISL_962632, EPI_ISL_962633, EPI_ISL_962634, EPI_ISL_962635, EPI_ISL_962637, EPI_ISL_962638, EPI_ISL_962639, EPI_ISL_962640, EPI_ISL_962641, EPI_ISL_962642, EPI_ISL_962643, EPI_ISL_962644, EPI_ISL_962645, EPI_ISL_962646, EPI_ISL_962649			
see above	Scripps Medical Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Michael Quigley, Ellen Stefanski, Ian Mchardy
EPI_ISL_962650, EPI_ISL_962651, EPI_ISL_962652, EPI_ISL_962654, EPI_ISL_962655, EPI_ISL_962656, EPI_ISL_962657, EPI_ISL_962658, EPI_ISL_962659, EPI_ISL_962660, EPI_ISL_962661, EPI_ISL_962662, EPI_ISL_962663, EPI_ISL_962664, EPI_ISL_962665, EPI_ISL_962666, EPI_ISL_962667, EPI_ISL_962668, EPI_ISL_962669, EPI_ISL_962670, EPI_ISL_962671, EPI_ISL_962672, EPI_ISL_962673, EPI_ISL_962674, EPI_ISL_962675, EPI_ISL_962676, EPI_ISL_962677, EPI_ISL_962678, EPI_ISL_962679, EPI_ISL_962680, EPI_ISL_962681, EPI_ISL_962682, EPI_ISL_962683, EPI_ISL_962684, EPI_ISL_962685, EPI_ISL_962686,			



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EPI_ISL_964491, EPI_ISL_964492, EPI_ISL_964496, EPI_ISL_964497, EPI_ISL_964498, EPI_ISL_964505, EPI_ISL_964506, EPI_ISL_964507, EPI_ISL_964510	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_964512	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_964513, EPI_ISL_964515, EPI_ISL_964517, EPI_ISL_964519, EPI_ISL_964522, EPI_ISL_964524	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_964528	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_964529, EPI_ISL_964531, EPI_ISL_964534, EPI_ISL_964536, EPI_ISL_964538	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_964543, EPI_ISL_964544, EPI_ISL_964546, EPI_ISL_964548, EPI_ISL_964549, EPI_ISL_964550, EPI_ISL_964551, EPI_ISL_964552, EPI_ISL_964553, EPI_ISL_964555, EPI_ISL_964557, EPI_ISL_964558, EPI_ISL_964559, EPI_ISL_964560, EPI_ISL_964562, EPI_ISL_964563, EPI_ISL_964564, EPI_ISL_964567, EPI_ISL_964568, EPI_ISL_964569, EPI_ISL_964570, EPI_ISL_964573, EPI_ISL_964574, EPI_ISL_964576, EPI_ISL_964577, EPI_ISL_964578, EPI_ISL_964579, EPI_ISL_964580, EPI_ISL_964583, EPI_ISL_964584, EPI_ISL_964585, EPI_ISL_964590, EPI_ISL_964591, EPI_ISL_964592, EPI_ISL_964593, EPI_ISL_964594, EPI_ISL_964595, EPI_ISL_964598, EPI_ISL_964599, EPI_ISL_964600, EPI_ISL_964602, EPI_ISL_964603, EPI_ISL_964606, EPI_ISL_964607, EPI_ISL_964609, EPI_ISL_964610, EPI_ISL_964612, EPI_ISL_964614, EPI_ISL_964616, EPI_ISL_964617, EPI_ISL_964620, EPI_ISL_964621, EPI_ISL_964622, EPI_ISL_964623, EPI_ISL_964624, EPI_ISL_964625, EPI_ISL_964627, EPI_ISL_964628, EPI_ISL_964630, EPI_ISL_964631, EPI_ISL_964633, EPI_ISL_964634, EPI_ISL_964635, EPI_ISL_964636, EPI_ISL_964638, EPI_ISL_964639, EPI_ISL_964640, EPI_ISL_964641, EPI_ISL_964642, EPI_ISL_964645, EPI_ISL_964647, EPI_ISL_964649, EPI_ISL_964650, EPI_ISL_964651, EPI_ISL_964652, EPI_ISL_964653, EPI_ISL_964655, EPI_ISL_964656, EPI_ISL_964657, EPI_ISL_964658, EPI_ISL_964659, EPI_ISL_964660, EPI_ISL_964661, EPI_ISL_964662, EPI_ISL_964663, EPI_ISL_964664, EPI_ISL_964665, EPI_ISL_964666, EPI_ISL_964667, EPI_ISL_964669, EPI_ISL_964671, EPI_ISL_964672, EPI_ISL_964673, EPI_ISL_964674, EPI_ISL_964675, EPI_ISL_964676, EPI_ISL_964677, EPI_ISL_964679, EPI_ISL_964681, EPI_ISL_964684, EPI_ISL_964686, EPI_ISL_964687, EPI_ISL_964688, EPI_ISL_964689, EPI_ISL_964695, EPI_ISL_964697, EPI_ISL_964699, EPI_ISL_964701, EPI_ISL_964702, EPI_ISL_964703, EPI_ISL_964704, EPI_ISL_964707, EPI_ISL_964708, EPI_ISL_964709, EPI_ISL_964710, EPI_ISL_964712, EPI_ISL_964716, EPI_ISL_964718, EPI_ISL_964719, EPI_ISL_964720, EPI_ISL_964723, EPI_ISL_964724, EPI_ISL_964725, EPI_ISL_964727, EPI_ISL_964730, EPI_ISL_964731, EPI_ISL_964732, EPI_ISL_964735, EPI_ISL_964738, EPI_ISL_964740, EPI_ISL_964742, EPI_ISL_964743, EPI_ISL_964744, EPI_ISL_964745, EPI_ISL_964746, EPI_ISL_964748, EPI_ISL_964750, EPI_ISL_964751, EPI_ISL_964752, EPI_ISL_964753, EPI_ISL_964755, EPI_ISL_964756, EPI_ISL_964757, EPI_ISL_964758, EPI_ISL_964759, EPI_ISL_964761, EPI_ISL_964763, EPI_ISL_964765, EPI_ISL_964766, EPI_ISL_964769, EPI_ISL_964770, EPI_ISL_964771, EPI_ISL_964773, EPI_ISL_964775, EPI_ISL_964778, EPI_ISL_964782, EPI_ISL_964783, EPI_ISL_964784, EPI_ISL_964785, EPI_ISL_964786, EPI_ISL_964787, EPI_ISL_964789, EPI_ISL_964791, EPI_ISL_964792, EPI_ISL_964793, EPI_ISL_964794, EPI_ISL_964795, EPI_ISL_964796, EPI_ISL_964797, EPI_ISL_964798, EPI_ISL_964799, EPI_ISL_964800, EPI_ISL_964801, EPI_ISL_964802, EPI_ISL_964804, EPI_ISL_964806, EPI_ISL_964807, EPI_ISL_964808, EPI_ISL_964809, EPI_ISL_964810, EPI_ISL_964811, EPI_ISL_964812, EPI_ISL_964813, EPI_ISL_964814, EPI_ISL_964817, EPI_ISL_964819, EPI_ISL_964820, EPI_ISL_964821, EPI_ISL_964824, EPI_ISL_964825, EPI_ISL_964826, EPI_ISL_964828, EPI_ISL_964829, EPI_ISL_964830, EPI_ISL_964831, EPI_ISL_964832, EPI_ISL_964833, EPI_ISL_964834, EPI_ISL_964836, EPI_ISL_964838, EPI_ISL_964843, EPI_ISL_964844, EPI_ISL_964845, EPI_ISL_964846, EPI_ISL_964847, EPI_ISL_964848, EPI_ISL_964849, EPI_ISL_964851, EPI_ISL_964852, EPI_ISL_964854, EPI_ISL_964855, EPI_ISL_964857, EPI_ISL_964859, EPI_ISL_964861, EPI_ISL_964863, EPI_ISL_964864, EPI_ISL_964865, EPI_ISL_964866, EPI_ISL_964868, EPI_ISL_964869, EPI_ISL_964871, EPI_ISL_964872, EPI_ISL_964873, EPI_ISL_964874, EPI_ISL_964875	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_964880	National Institute of Laboratory Medicine and Referral Center	Sher-e-Bangla Nagar, Agargaon, Dhaka-1207, Bangladesh.	Shahina Akter, Mohammad Samir Uzzaman, Eshrar Osman, Md. Ahashan Habib, Tanjina Akhtar Banu, Abu Sayeed Mohammad Mahmud, Md. Murshed Hasan Sarkar, Barna Goswami, Iffat Jahan, Md. Saddam Hossain, Tasnim Nafisa, Md. Maruf Ahmed Molla, Mahmuda Yeasmin, Asish Kumar Ghosh, Arifa Akram, A. K. M.Shamsuzzaman, Md. Salim Khan
EPI_ISL_964881	Laboratory of Virology and Molecular Diagnostics	Institute of Public Health of Republic of North Macedonia Laboratory of Virology and Molecular Diagnostics	Kuzmanovska M., Boshevskva G.
EPI_ISL_964882	General Hospital "Abdulah Nakas" Sarajevo	Allea Genetic Centre	Lana Salihefendic, Dino Pecar, Adis Kandic, Sead Jazic, Rijad Konjhodzic
EPI_ISL_964883	Laboratory of Virology and Molecular Diagnostics	Institute of Public Health of Republic of North Macedonia Laboratory of Virology and Molecular Diagnostics	Kuzmanovska M., Boshevskva G.
EPI_ISL_964884	National Institute of Laboratory Medicine and Referral Center	Genomic Research Lab, BCSIR	Tanjina Akhtar Banu, Mohammad Samir Uzzaman, Eshrar Osman, Md. Ahashan Habib, Shahina Akter, Abu Sayeed Mohammad Mahmud, Md. Murshed Hasan Sarkar, Barna Goswami, Iffat Jahan, Md. Saddam Hossain, Tasnim Nafisa, Md. Maruf Ahmed Molla, Mahmuda Yeasmin, Asish Kumar Ghosh, Arifa Akram, A. K. M.Shamsuzzaman, Md. Salim Khan
EPI_ISL_964917	National Institute of Laboratory Medicine and Referral Center	Genomic Research Lab, BCSIR	Md. Maruf Ahmed Molla, Mohammad Samir Uzzaman, Eshrar Osman, Md. Ahashan Habib, Shahina Akter, Tanjina Akhtar Banu, Abu Sayeed Mohammad Mahmud, Md. Murshed Hasan Sarkar, Barna Goswami, Iffat Jahan, Md. Saddam Hossain, Tasnim Nafisa, Mahmuda Yeasmin, Asish Kumar Ghosh, Arifa Akram, A. K. M. Shamsuzzaman, Md. Salim Khan
EPI_ISL_964922, EPI_ISL_964939	Instituto Nacional de Saude (INS), Mozambique	KRISP, KZN Research Innovation and Sequencing Platform	Nalia Ismael, Nadia Siteo, Paulo Arnaldo, Nedio Mabunda, Glandhari J, Pillay S, Emmanuel S, Tegally H, Wilkinson E, de Oliveira T
EPI_ISL_964949	Laboratorio de Virologia del HUCA	Laboratorio de Virologia del HUCA	Castelló C, Gómez de Oña J, Boga JA, Rojo S, Alvarez-Arguelles ME, Abreu F, Costales I, Sandoval M, Perez-Martínez Z, Martín-Rodríguez G, Coto E, Melón S
EPI_ISL_964950	Laboratory of Virology and Molecular Diagnostics	Institute of Public Health of Republic of North Macedonia Laboratory of Virology and Molecular Diagnostics	Kuzmanovska M., Boshevskva G.
EPI_ISL_964956	Nordland Hospital - Bodo, Laboratory Department, Molecular Biology Unit	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Ignacio Garcia Llorente, Serina B Engebretsen, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_964964	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, Ignacio Garcia Llorente, Serina B Engebretsen, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_965016, EPI_ISL_965017, EPI_ISL_965018, EPI_ISL_965019, EPI_ISL_965020	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton
EPI_ISL_965029	Laboratorio de Virologia HUCA	Laboratorio de Virologia HUCA	Castelló C, Gómez de Oña J, Boga JA, Rojo S, Alvarez-Arguelles ME, Abreu F, Costales I, Sandoval M, Perez-Martínez Z, Martín-Rodríguez G, Coto E, Melón S
EPI_ISL_965033	Laboratorio de Virologia HUCA	Laboratorio de Virologia HUCA	Castelló C, Gómez de Oña J, Boga JA, Rojo S, Alvarez-Arguelles ME, Abreu F, Costales I, Sandoval M, Perez-Martínez Z, Martín-Rodríguez G, Coto E, Melón S
EPI_ISL_965047, EPI_ISL_965052, EPI_ISL_965078, EPI_ISL_965079, EPI_ISL_965082, EPI_ISL_965083, EPI_ISL_965085, EPI_ISL_965090, EPI_ISL_965091, EPI_ISL_965093, EPI_ISL_965094, EPI_ISL_965095, EPI_ISL_965097, EPI_ISL_965098, EPI_ISL_965099, EPI_ISL_965100, EPI_ISL_965102, EPI_ISL_965103, EPI_ISL_965104, EPI_ISL_965106, EPI_ISL_965107, EPI_ISL_965108, EPI_ISL_965109, EPI_ISL_965111, EPI_ISL_965112	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Bailey Bowcutt, and Wanda Manley
EPI_ISL_965113, EPI_ISL_965121	Ohio Department of Health Laboratory	Ohio Department of Health Laboratory	Holmes, Jennifer; Eric Brandt, Keoni Omura, Glen McGillivray, Caitlin McDonnell, Jade Mowery, Stephanie Mccracken, Tyler Payne, Kirtana Ramadugu, Erica Leasure, Brent Lee, Kelsey Florek, Heather Blankenship, Quanta Brown, and Tammy Bannerman
EPI_ISL_965133	Azienda Ospedaliera San Camillo Forlanini	INMI Lazzaro Spallanzani IRCCS	B Bartolini, O Butera, C.E.M Gruber, M Rueca, F Messina, E Giombini, F Basile, A D'Agostino, G Parisi, MR Capobianchi, A Di Caro
EPI_ISL_965139	Fondazione Policlinico Universitario "A. Gemelli" IRCCS	INMI Lazzaro Spallanzani IRCCS	B Bartolini, O Butera, C.E.M Gruber, M Rueca, F Messina, E Giombini, P Cattani, M Sanguinetti, MR Capobianchi, A Di Caro
EPI_ISL_965157, EPI_ISL_965159, EPI_ISL_965160, EPI_ISL_965161, EPI_ISL_965162, EPI_ISL_965163, EPI_ISL_965164, EPI_ISL_965165, EPI_ISL_965166, EPI_ISL_965167, EPI_ISL_965168, EPI_ISL_965169, EPI_ISL_965170, EPI_ISL_965171, EPI_ISL_965172, EPI_ISL_965173, EPI_ISL_965174, EPI_ISL_965175, EPI_ISL_965176, EPI_ISL_965177	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_978560, EPI_ISL_978564, EPI_ISL_978567, EPI_ISL_978568, EPI_ISL_978576, EPI_ISL_978582, EPI_ISL_978586, EPI_ISL_978592, EPI_ISL_978595, EPI_ISL_978597, EPI_ISL_978601, EPI_ISL_978602, EPI_ISL_978606, EPI_ISL_978607, EPI_ISL_978615, EPI_ISL_978619, EPI_ISL_978625, EPI_ISL_978669,			





EPI_ISL_981309, EPI_ISL_981310, EPI_ISL_981311, EPI_ISL_981312, EPI_ISL_981313, EPI_ISL_981314, EPI_ISL_981315, EPI_ISL_981316, EPI_ISL_981317, EPI_ISL_981319, EPI_ISL_981320, EPI_ISL_981321, EPI_ISL_981322, EPI_ISL_981326, EPI_ISL_981329, EPI_ISL_981330, EPI_ISL_981332, EPI_ISL_981333, EPI_ISL_981334, EPI_ISL_981335, EPI_ISL_981336, EPI_ISL_981337, EPI_ISL_981338, EPI_ISL_981339, EPI_ISL_981340, EPI_ISL_981341, EPI_ISL_981342, EPI_ISL_981345, EPI_ISL_981346, EPI_ISL_981347, EPI_ISL_981348, EPI_ISL_981349, EPI_ISL_981350, EPI_ISL_981351, EPI_ISL_981353, EPI_ISL_981354, EPI_ISL_981356, EPI_ISL_981358, EPI_ISL_981359, EPI_ISL_981361, EPI_ISL_981365, EPI_ISL_981366, EPI_ISL_981367			
see above	Hospital Universitari Vall d'Hebron - Vall d'Hebron Institut de Recerca	Hospital Universitari Vall d'Hebron - Vall d'Hebron Institut de Recerca	Cristina Andrés, Maria Piñana, Josep F Abril, Damir Garcia-Cehic, Ariadna Rando, Juliana Esperalba, Maria Gema Codina, Carla Castillo, Maria Carmen Martin, Tomás Pumarola, Josep Quer, Andrés Antón
EPI_ISL_981368, EPI_ISL_981369	Ohio Department of Health Laboratory	Ohio Department of Health Laboratory	Holmes, Jennifer; Eric Brandt, Keoni Omura, Glen McGilivray, Caitlin McDonnell, Jade Mowery, Stephanie Mccracken, Tyler Payne, Kirtana Ramadugu, Erica Leasure, Brent Lee, Kelsey Florek, Heather Blankenship, Quanta Brown, and Tammy Bannerman
EPI_ISL_981377	Laboratory for Respiratory Viruses, Cantacuzino National Military-Medical Institute for Research and Development	Cantacuzino Institute Virology	Luiza Ustea, Nicoleta Paraschiv, Catalina Pascu, Mihaela Lazar
EPI_ISL_981378	AZ Klina	AZ Klina	Dr. C. Vael
EPI_ISL_981391, EPI_ISL_981394, EPI_ISL_981397, EPI_ISL_981407, EPI_ISL_981452	CH.INTERCOMMUNAL DE CRETEIL	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky
EPI_ISL_981459, EPI_ISL_981461, EPI_ISL_981472, EPI_ISL_981474	CHI VILLENEUVE ST GEORGES	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky
EPI_ISL_981485	INSTITUT GUSTAVE ROUSSY	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_981486, EPI_ISL_981539, EPI_ISL_981540, EPI_ISL_981542, EPI_ISL_981546	CH.INTERCOMMUNAL DE CRETEIL	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky
EPI_ISL_981560, EPI_ISL_981563, EPI_ISL_981564, EPI_ISL_981566, EPI_ISL_981567, EPI_ISL_981569, EPI_ISL_981570, EPI_ISL_981571, EPI_ISL_981572, EPI_ISL_981575, EPI_ISL_981576, EPI_ISL_981578, EPI_ISL_981581, EPI_ISL_981582, EPI_ISL_981583, EPI_ISL_981584, EPI_ISL_981585, EPI_ISL_981587, EPI_ISL_981588, EPI_ISL_981589, EPI_ISL_981591, EPI_ISL_981592, EPI_ISL_981593, EPI_ISL_981594, EPI_ISL_981595, EPI_ISL_981596, EPI_ISL_981597, EPI_ISL_981642, EPI_ISL_981652, EPI_ISL_981653, EPI_ISL_981655, EPI_ISL_981656, EPI_ISL_981657, EPI_ISL_981658, EPI_ISL_981659, EPI_ISL_981661, EPI_ISL_981663, EPI_ISL_981664, EPI_ISL_981665, EPI_ISL_981666, EPI_ISL_981667, EPI_ISL_981668, EPI_ISL_981669, EPI_ISL_981670, EPI_ISL_981671, EPI_ISL_981672, EPI_ISL_981673, EPI_ISL_981674, EPI_ISL_981675, EPI_ISL_981676, EPI_ISL_981677, EPI_ISL_981678, EPI_ISL_981679, EPI_ISL_981680, EPI_ISL_981681, EPI_ISL_981682, EPI_ISL_981683, EPI_ISL_981702, EPI_ISL_981704, EPI_ISL_981716, EPI_ISL_981717, EPI_ISL_981719, EPI_ISL_981721, EPI_ISL_981722, EPI_ISL_981723, EPI_ISL_981725, EPI_ISL_981726, EPI_ISL_981728, EPI_ISL_981729, EPI_ISL_981730, EPI_ISL_981731, EPI_ISL_981733, EPI_ISL_981734, EPI_ISL_981736, EPI_ISL_981737, EPI_ISL_981738, EPI_ISL_981739, EPI_ISL_981742, EPI_ISL_981743, EPI_ISL_981744, EPI_ISL_981745, EPI_ISL_981746, EPI_ISL_981749, EPI_ISL_981750, EPI_ISL_981751, EPI_ISL_981752, EPI_ISL_981753, EPI_ISL_981754, EPI_ISL_981756, EPI_ISL_981760, EPI_ISL_981761, EPI_ISL_981762, EPI_ISL_981765, EPI_ISL_981767, EPI_ISL_981768, EPI_ISL_981769, EPI_ISL_981770, EPI_ISL_981771, EPI_ISL_981772, EPI_ISL_981773, EPI_ISL_981774, EPI_ISL_981775, EPI_ISL_981777, EPI_ISL_981779, EPI_ISL_981780, EPI_ISL_981781, EPI_ISL_981785, EPI_ISL_981786, EPI_ISL_981787, EPI_ISL_981788, EPI_ISL_981800, EPI_ISL_981813, EPI_ISL_981827, EPI_ISL_981830, EPI_ISL_981831, EPI_ISL_981837, EPI_ISL_981838, EPI_ISL_981839, EPI_ISL_981840, EPI_ISL_981841, EPI_ISL_981842, EPI_ISL_981845, EPI_ISL_981846, EPI_ISL_981847, EPI_ISL_981848			
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_981946, EPI_ISL_981947, EPI_ISL_981948, EPI_ISL_981949, EPI_ISL_981950, EPI_ISL_981952, EPI_ISL_981953, EPI_ISL_981956, EPI_ISL_981958, EPI_ISL_981959, EPI_ISL_981960, EPI_ISL_981961, EPI_ISL_981962, EPI_ISL_981963, EPI_ISL_981964, EPI_ISL_981966, EPI_ISL_981969, EPI_ISL_981970, EPI_ISL_981971, EPI_ISL_981972, EPI_ISL_981973, EPI_ISL_981975			
see above	Microbiology Service, Hospital Universitario Clinico San Cecilio, Granada	Microbiology Service, Hospital Universitario Clinico San Cecilio, Granada	Adolfo de Salazar, Natalia Chueca, Laura Viñuela, Ana Fuentes, Federico García
EPI_ISL_982171, EPI_ISL_982203, EPI_ISL_982204, EPI_ISL_982205, EPI_ISL_982207, EPI_ISL_982208, EPI_ISL_982209, EPI_ISL_982210, EPI_ISL_982211, EPI_ISL_982212, EPI_ISL_982214, EPI_ISL_982215, EPI_ISL_982216, EPI_ISL_982217, EPI_ISL_982218, EPI_ISL_982220, EPI_ISL_982221, EPI_ISL_982222			
see above	Hôpital Henri Mondor	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky
EPI_ISL_982232, EPI_ISL_982233, EPI_ISL_982234, EPI_ISL_982235	MEPHI, Aix Marseille University	MEPHI, Aix Marseille University	Anthony LEVASSEUR
EPI_ISL_982236	National Institute of Laboratory Medicine and Referral Center	Genomic Research Lab, BCSIR	Barna Goswami, Mohammad Samir Uzzaman, Eshrar Osman, Md. Ahashan Habib, Shahina Akter, Tanjina Akhtar Banu, Abu Sayeed Mohammad Mahmud, Md. Murshed Hasan Sarkar, Barna Goswami, Iflat Jahan, Md. Saddam Hossain, Tasnim Nafisa, Md. Maruf Ahmed Molla, Mahmuda Yeasmin, Asish Kumar Ghosh, Arifa Akram, A. K. M.Shamsuzzaman, Md. Salim Khan
EPI_ISL_982242, EPI_ISL_982243, EPI_ISL_982246, EPI_ISL_982248, EPI_ISL_982250, EPI_ISL_982253, EPI_ISL_982258, EPI_ISL_982263, EPI_ISL_982266, EPI_ISL_982271, EPI_ISL_982273, EPI_ISL_982275			
see above	Lab voor klinische biologie	Lab voor klinische biologie	Hannelore Hamerlinck, Marija Janevska, Bruno Verhasselt
EPI_ISL_982314, EPI_ISL_982315, EPI_ISL_982316, EPI_ISL_982318, EPI_ISL_982319, EPI_ISL_982320	CH.INTERCOMMUNAL DE CRETEIL	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky
EPI_ISL_982347, EPI_ISL_982348, EPI_ISL_982349, EPI_ISL_982350, EPI_ISL_982353, EPI_ISL_982356, EPI_ISL_982368, EPI_ISL_982378, EPI_ISL_982385, EPI_ISL_982388, EPI_ISL_982391, EPI_ISL_982392, EPI_ISL_982393, EPI_ISL_982394, EPI_ISL_982395, EPI_ISL_982396, EPI_ISL_982402, EPI_ISL_982404, EPI_ISL_982405, EPI_ISL_982410, EPI_ISL_982412, EPI_ISL_982420, EPI_ISL_982422, EPI_ISL_982424			
see above	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_982434, EPI_ISL_982435, EPI_ISL_982436, EPI_ISL_982437, EPI_ISL_982438, EPI_ISL_982446, EPI_ISL_982450, EPI_ISL_982454, EPI_ISL_982457, EPI_ISL_982460, EPI_ISL_982462, EPI_ISL_982463, EPI_ISL_982464, EPI_ISL_982468, EPI_ISL_982471, EPI_ISL_982479, EPI_ISL_982481, EPI_ISL_982486, EPI_ISL_982491, EPI_ISL_982492, EPI_ISL_982495, EPI_ISL_982496			
see above	MONTEFIORE MEDICAL CENTER LABORATORIES	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_982499, EPI_ISL_982500, EPI_ISL_982501, EPI_ISL_982502, EPI_ISL_982503, EPI_ISL_982504	ADIRONDACK 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_982627, EPI_ISL_982628, EPI_ISL_982629, EPI_ISL_982630	Landstuhl Regional Medical Center	US Air Force School of Aerospace Medicine	Anthony Fries, Jennifer Meyer, William Gruner, William Buggele, Amanda Javorina, Sarah Purves, Fritz Castillo, Cole Anderson, Clarise Starr, Elizabeth Macias
EPI_ISL_982631, EPI_ISL_982633, EPI_ISL_982634, EPI_ISL_982635, EPI_ISL_982636, EPI_ISL_982638, EPI_ISL_982639, EPI_ISL_982641, EPI_ISL_982642, EPI_ISL_982644, EPI_ISL_982645, EPI_ISL_982646, EPI_ISL_982647, EPI_ISL_982648, EPI_ISL_982649, EPI_ISL_982650, EPI_ISL_982651, EPI_ISL_982652, EPI_ISL_982653, EPI_ISL_982656, EPI_ISL_982657, EPI_ISL_982658, EPI_ISL_982659, EPI_ISL_982661, EPI_ISL_982662, EPI_ISL_982665, EPI_ISL_982666, EPI_ISL_982667, EPI_ISL_982668, EPI_ISL_982670, EPI_ISL_982671, EPI_ISL_982674, EPI_ISL_982675, EPI_ISL_982676, EPI_ISL_982677, EPI_ISL_982678, EPI_ISL_982679, EPI_ISL_982680, EPI_ISL_982681, EPI_ISL_982682, EPI_ISL_982683, EPI_ISL_982684, EPI_ISL_982686, EPI_ISL_982688, EPI_ISL_982689, EPI_ISL_982692, EPI_ISL_982694, EPI_ISL_982696, EPI_ISL_982697, EPI_ISL_982699, EPI_ISL_982700, EPI_ISL_982701, EPI_ISL_982702, EPI_ISL_982703, EPI_ISL_982704, EPI_ISL_982705, EPI_ISL_982706, EPI_ISL_982708, EPI_ISL_982710, EPI_ISL_982712, EPI_ISL_982713, EPI_ISL_982715, EPI_ISL_982716, EPI_ISL_982717, EPI_ISL_982718, EPI_ISL_982720, EPI_ISL_982721, EPI_ISL_982722, EPI_ISL_982723, EPI_ISL_982724, EPI_ISL_982725, EPI_ISL_982726, EPI_ISL_982727, EPI_ISL_982729, EPI_ISL_982730, EPI_ISL_982731, EPI_ISL_982732, EPI_ISL_982733, EPI_ISL_982734, EPI_ISL_982735, EPI_ISL_982736, EPI_ISL_982737, EPI_ISL_982738, EPI_ISL_982739, EPI_ISL_982740, EPI_ISL_982741, EPI_ISL_982742, EPI_ISL_982743, EPI_ISL_982745, EPI_ISL_982747, EPI_ISL_982748, EPI_ISL_982750, EPI_ISL_982751, EPI_ISL_982752, EPI_ISL_982753, EPI_ISL_982754, EPI_ISL_982755, EPI_ISL_982757, EPI_ISL_982758, EPI_ISL_982759, EPI_ISL_982760, EPI_ISL_982761			
see above	US Air Force School of Aerospace Medicine	US Air Force School of Aerospace Medicine	Anthony Fries, Jennifer Meyer, William Gruner, William Buggele, Amanda Javorina, Sarah Purves, Clarise Starr, Elizabeth Macias
EPI_ISL_982781, EPI_ISL_982783, EPI_ISL_982784, EPI_ISL_982785, EPI_ISL_982786, EPI_ISL_982787, EPI_ISL_982788, EPI_ISL_982789, EPI_ISL_982791, EPI_ISL_982792, EPI_ISL_982793, EPI_ISL_982794, EPI_ISL_982795, EPI_ISL_982797, EPI_ISL_982798, EPI_ISL_982799, EPI_ISL_982800, EPI_ISL_982802, EPI_ISL_982803, EPI_ISL_982805, EPI_ISL_982806, EPI_ISL_982807, EPI_ISL_982808, EPI_ISL_982809, EPI_ISL_982810, EPI_ISL_982811, EPI_ISL_982812, EPI_ISL_982813, EPI_ISL_982814, EPI_ISL_982815, EPI_ISL_982816, EPI_ISL_982817, EPI_ISL_982818, EPI_ISL_982819, EPI_ISL_982820, EPI_ISL_982821, EPI_ISL_982822, EPI_ISL_982823, EPI_ISL_982826, EPI_ISL_982827, EPI_ISL_982828, EPI_ISL_982829, EPI_ISL_982830, EPI_ISL_982832, EPI_ISL_982833, EPI_ISL_982834, EPI_ISL_982837, EPI_ISL_982838, EPI_ISL_982839, EPI_ISL_982840			
see above	University Health Network/Mount Sinai Hospital Department of	Ontario Institute for Cancer Research	Marie-Ming Aynaud, Javier Hernandez, Seda Barutcu, Kin Chan, Jessica Bourke, Marc Mazzulli, Tony Mazzulli, Laurence Pelletier, Jeff Wrana, Aimee



EPI_ISL_984247, EPI_ISL_984251, EPI_ISL_984253, EPI_ISL_984261	IAL Regional de Marília	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi, Claudia Regina Gonçalves, Erica Valessa Ramos Gomes, Karoline Rodrigues Campos
EPI_ISL_984264	RSUPN Dr. Cipto Mangunkusumo	National Institute of Health Research and Development	Subangkit, Hana Apsari Pawestri, Kartika Dewi Puspa, Arie Ardiansyah Nugraha, Hartanti Dian Ikawati, Krisna Nur Andriana Pangesti, Nuri Dyah Indrasari, Dewi Wulandari, Nelly Puspandari, Vivi Setiawaty
EPI_ISL_984269	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_984276	National Institute of Health Research and Development	National Institute of Health Research and Development	Holy Arif Wibowo, Ririn Ramadhany, Yuni Rukminiati, Agustiniingsih, Kindi Adam, Hana Apsari Pawestri, Subangkit, Kartika Dewi Puspa, Arie Ardiansyah Nugraha, Hartanti Dian Ikawati, Krisna Nur Andriana Pangesti, Ni Ketut Susilarini, Nur Ika Hariastuti, Uly Alfi Nikmah, Mursinah, Asri Febriyani, Reni Herman, Nike Susanti, Herna, Tati Febriyanti, Natalie Laurencia Kipuw, Fauzul Muna, Irene Lorinda Indalao, Aulia Rizki, Nelly Puspandari, Vivi Setiawaty
EPI_ISL_984278, EPI_ISL_984279, EPI_ISL_984280, EPI_ISL_984282, EPI_ISL_984283, EPI_ISL_984284, EPI_ISL_984285, EPI_ISL_984286, EPI_ISL_984287	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_984305, EPI_ISL_984307	Department of Poultry Diseases	Department of Omics Analysis	Domanska-Blicharz Katarzyna, Smreczak Marcin, Niemczuk Krzysztof, Orlowska Anna, Ewelina Iwan, Arkadiusz Bomba
EPI_ISL_984309	National Institute of Health Research and Development	National Institute of Health Research and Development	Agustiniingsih, Kindi Adam, Holy Arif Wibowo, Ririn Ramadhany, Yuni Rukminiati, Hana Apsari Pawestri, Subangkit, Kartika Dewi Puspa, Arie Ardiansyah Nugraha, Hartanti Dian Ikawati, Krisna Nur Andriana Pangesti, Ni Ketut Susilarini, Nur Ika Hariastuti, Uly Alfi Nikmah, Mursinah, Asri Febriyani, Reni Herman, Nike Susanti, Herna, Tati Febriyanti, Natalie Laurencia Kipuw, Fauzul Muna, Irene Lorinda Indalao, Aulia Rizki, Nelly Puspandari, Vivi Setiawaty
EPI_ISL_984313	National Institute of Health Research and Development	National Institute of Health Research and Development	Yuni Rukminiati, Agustiniingsih, Kindi Adam, Holy Arif Wibowo, Ririn Ramadhany, Hana Apsari Pawestri, Subangkit, Kartika Dewi Puspa, Arie Ardiansyah Nugraha, Hartanti Dian Ikawati, Krisna Nur Andriana Pangesti, Ni Ketut Susilarini, Nur Ika Hariastuti, Uly Alfi Nikmah, Mursinah, Asri Febriyani, Reni Herman, Nike Susanti, Herna, Tati Febriyanti, Natalie Laurencia Kipuw, Fauzul Muna, Irene Lorinda Indalao, Aulia Rizki, Nelly Puspandari, Vivi Setiawaty
EPI_ISL_984388, EPI_ISL_984446, EPI_ISL_984453, EPI_ISL_984458, EPI_ISL_984459, EPI_ISL_984463, EPI_ISL_984476, EPI_ISL_984480, EPI_ISL_984483	California Department of Public Health	Chiu Laboratory, University of California, San Francisco	Charles Chiu, Xianding (Wayne) Deng, Candace Wang, Venice Servellita, Jill Hacker, Debra Wadford
EPI_ISL_984678, EPI_ISL_984683	Laboratorio de Virología HUCA	Laboratorio de Virología HUCA	Sandoval M, Castelló C, Gómez de Oña J, Boga JA, Rojo S, Alvarez-Arguelles ME, Abreu F, Costales I, Perez-Martínez Z, Martín-Rodríguez G, Coto E, Melón S
EPI_ISL_984718, EPI_ISL_984719, EPI_ISL_984722, EPI_ISL_984723, EPI_ISL_984724, EPI_ISL_984725, EPI_ISL_984726, EPI_ISL_984727, EPI_ISL_984728, EPI_ISL_984729, EPI_ISL_984730, EPI_ISL_984731, EPI_ISL_984732, EPI_ISL_984734, EPI_ISL_984735			
see above	Klinisk mikrobiologi, Region Västerbotten	CBRN Defence and Security, Swedish Defence Research Agency	Andreas Sjödin, Linda Karlsson, Emelie Näslund Salomonsson, Jonas Näslund, Stina Bäckman, Malin Granberg, Ingrid Dacklin, Anna-Lena Johansson, Kerstin Myrtenäs, David Sundell, Carolin Öhrman, Mats Forsman, Annika Allard, Annika Osterman
EPI_ISL_984870, EPI_ISL_984871, EPI_ISL_984872, EPI_ISL_984873, EPI_ISL_984875, EPI_ISL_984879, EPI_ISL_984880, EPI_ISL_984881, EPI_ISL_984882, EPI_ISL_984883, EPI_ISL_984884, EPI_ISL_984885, EPI_ISL_984887, EPI_ISL_984888, EPI_ISL_984889, EPI_ISL_984890, EPI_ISL_984891, EPI_ISL_984892, EPI_ISL_984897, EPI_ISL_984898, EPI_ISL_984899, EPI_ISL_984900, EPI_ISL_984901, EPI_ISL_984902, EPI_ISL_984903, EPI_ISL_984904, EPI_ISL_984905, EPI_ISL_984907, EPI_ISL_984908, EPI_ISL_984909, EPI_ISL_984910, EPI_ISL_984912, EPI_ISL_984913, EPI_ISL_984914, EPI_ISL_984915, EPI_ISL_984916, EPI_ISL_984921, EPI_ISL_984923, EPI_ISL_984924, EPI_ISL_984925, EPI_ISL_984926, EPI_ISL_984927, EPI_ISL_984928, EPI_ISL_984929, EPI_ISL_984930, EPI_ISL_984931, EPI_ISL_984932, EPI_ISL_984933, EPI_ISL_984934, EPI_ISL_984935, EPI_ISL_984936, EPI_ISL_984937, EPI_ISL_984938, EPI_ISL_984939, EPI_ISL_984940, EPI_ISL_984941, EPI_ISL_984942, EPI_ISL_984944, EPI_ISL_984945, EPI_ISL_984946, EPI_ISL_984947			
see above	Pandemic Response Lab - NYC	Pandemic Response Lab, R&D	Henry Lee, Michael Hammerling, Melissa Hopkins, Cybill del Castillo, William Ward, Pradeep Bugga, Haiping Hao, Jon Laurent
EPI_ISL_984950, EPI_ISL_984952, EPI_ISL_984953, EPI_ISL_984954, EPI_ISL_984955, EPI_ISL_984958, EPI_ISL_984959, EPI_ISL_984960, EPI_ISL_984961, EPI_ISL_984962, EPI_ISL_984964, EPI_ISL_984965, EPI_ISL_984966, EPI_ISL_984968, EPI_ISL_984971, EPI_ISL_984972, EPI_ISL_984973, EPI_ISL_984974, EPI_ISL_984975, EPI_ISL_984976, EPI_ISL_984977, EPI_ISL_984978, EPI_ISL_985056, EPI_ISL_985057			
see above	Klinisk mikrobiologi, Region Västerbotten	CBRN Defence and Security, Swedish Defence Research Agency	Andreas Sjödin, Linda Karlsson, Emelie Näslund Salomonsson, Jonas Näslund, Stina Bäckman, Malin Granberg, Ingrid Dacklin, Anna-Lena Johansson, Kerstin Myrtenäs, David Sundell, Carolin Öhrman, Mats Forsman, Annika Allard, Annika Osterman
EPI_ISL_985058, EPI_ISL_985060, EPI_ISL_985062, EPI_ISL_985063, EPI_ISL_985064, EPI_ISL_985065, EPI_ISL_985066, EPI_ISL_985068, EPI_ISL_985069, EPI_ISL_985070, EPI_ISL_985071, EPI_ISL_985073, EPI_ISL_985074, EPI_ISL_985075, EPI_ISL_985077, EPI_ISL_985078, EPI_ISL_985080, EPI_ISL_985081, EPI_ISL_985085, EPI_ISL_985086, EPI_ISL_985087, EPI_ISL_985088, EPI_ISL_985089, EPI_ISL_985091, EPI_ISL_985092, EPI_ISL_985095, EPI_ISL_985097, EPI_ISL_985098, EPI_ISL_985099, EPI_ISL_985125, EPI_ISL_985126, EPI_ISL_985128, EPI_ISL_985129			
see above	Biorepository and Clinical Virology Laboratory	Ozer Lab	Ramon Lorenzo-Redondo, Adeola A. Fowotade, Ewean C. Omoruyi, Johnson A. Adeniji, Lacy M. Simons, Judd F. Hultquist, Babafemi O. Taiwo, Olubusuyi M. Adewumi, Egon A. Ozer
EPI_ISL_985149, EPI_ISL_985150, EPI_ISL_985151, EPI_ISL_985152, EPI_ISL_985154, EPI_ISL_985155, EPI_ISL_985156	Instituto Nacional de Medicina Genómica	Instituto Nacional de Medicina Genómica	Hidalgo-Miranda A, Mendoza-Vargas A, Reyes-Grajeda JP, Cisneros-Villanueva M, Cedro-Tanda A, Peñaloza-Figueroa F, Herrera-Montalvo LA
EPI_ISL_985236	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_985237, EPI_ISL_985238	Biorepository and Clinical Virology Laboratory	Ozer Lab	Ramon Lorenzo-Redondo, Adeola A. Fowotade, Ewean C. Omoruyi, Johnson A. Adeniji, Lacy M. Simons, Judd F. Hultquist, Babafemi O. Taiwo, Olubusuyi M. Adewumi, Egon A. Ozer
EPI_ISL_985239, EPI_ISL_985252, EPI_ISL_985257, EPI_ISL_985267, EPI_ISL_985268, EPI_ISL_985269, EPI_ISL_985271, EPI_ISL_985273, EPI_ISL_985274, EPI_ISL_985275, EPI_ISL_985277, EPI_ISL_985284, EPI_ISL_985289, EPI_ISL_985294, EPI_ISL_985297, EPI_ISL_985300			
see above	Delaware Public Health Laboratory (DPHL)	Delaware Public Health Lab	Gregory Hovan
EPI_ISL_985322, EPI_ISL_985323, EPI_ISL_985325, EPI_ISL_985327, EPI_ISL_985329	Klinisk mikrobiologi, Region Västerbotten	CBRN Defence and Security, Swedish Defence Research Agency	Andreas Sjödin, Linda Karlsson, Emelie Näslund Salomonsson, Jonas Näslund, Stina Bäckman, Malin Granberg, Ingrid Dacklin, Anna-Lena Johansson, Kerstin Myrtenäs, David Sundell, Carolin Öhrman, Mats Forsman, Annika Allard, Annika Osterman
EPI_ISL_985408, EPI_ISL_985409	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_985788	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_985969, EPI_ISL_985977, EPI_ISL_986002, EPI_ISL_986016, EPI_ISL_986019, EPI_ISL_986035, EPI_ISL_986039, EPI_ISL_986045, EPI_ISL_986075, EPI_ISL_986083, EPI_ISL_986091, EPI_ISL_986093, EPI_ISL_986096			
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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team ( <a href="http://www.sanger.ac.uk/covid-team">http://www.sanger.ac.uk/covid-team</a> )
EPI_ISL_987005, EPI_ISL_987104	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team ( <a href="http://www.sanger.ac.uk/covid-team">http://www.sanger.ac.uk/covid-team</a> )
EPI_ISL_987282	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team ( <a href="http://www.sanger.ac.uk/covid-team">http://www.sanger.ac.uk/covid-team</a> )
EPI_ISL_987286	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team ( <a href="http://www.sanger.ac.uk/covid-team">http://www.sanger.ac.uk/covid-team</a> )

EPI_ISL_987287, EPI_ISL_987289, EPI_ISL_987291, EPI_ISL_987292, EPI_ISL_987293  EPI_ISL_987294	Lighthouse Lab in Cambridge   Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Rob Howes, The Lighthouse Lab in Cambridge and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team ( <a href="http://www.sanger.ac.uk/covid-team">http://www.sanger.ac.uk/covid-team</a> )
EPI_ISL_987295, EPI_ISL_987299, EPI_ISL_987304  EPI_ISL_987305	Lighthouse Lab in Cambridge   Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Rob Howes, The Lighthouse Lab in Cambridge and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team ( <a href="http://www.sanger.ac.uk/covid-team">http://www.sanger.ac.uk/covid-team</a> )
EPI_ISL_987306, EPI_ISL_987307, EPI_ISL_987309, EPI_ISL_987310, EPI_ISL_987313, EPI_ISL_987315  EPI_ISL_987317	Lighthouse Lab in Cambridge   Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Rob Howes, The Lighthouse Lab in Cambridge and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team ( <a href="http://www.sanger.ac.uk/covid-team">http://www.sanger.ac.uk/covid-team</a> )
EPI_ISL_987318, EPI_ISL_987319, EPI_ISL_987322  EPI_ISL_987323	Lighthouse Lab in Cambridge   Lighthouse Lab in Glasgow	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Rob Howes, The Lighthouse Lab in Cambridge and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team ( <a href="http://www.sanger.ac.uk/covid-team">http://www.sanger.ac.uk/covid-team</a> )
EPI_ISL_987325, EPI_ISL_987326  EPI_ISL_987333	Lighthouse Lab in Cambridge   Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Rob Howes, The Lighthouse Lab in Cambridge and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team ( <a href="http://www.sanger.ac.uk/covid-team">http://www.sanger.ac.uk/covid-team</a> )
EPI_ISL_987334  EPI_ISL_987336	Lighthouse Lab in Milton Keynes   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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team ( <a href="http://www.sanger.ac.uk/covid-team">http://www.sanger.ac.uk/covid-team</a> )
EPI_ISL_987338  EPI_ISL_987339, EPI_ISL_987340	Lighthouse Lab in Alderley Park   Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team ( <a href="http://www.sanger.ac.uk/covid-team">http://www.sanger.ac.uk/covid-team</a> )
EPI_ISL_987341  EPI_ISL_987342, EPI_ISL_987346	Lighthouse Lab in Glasgow   Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team ( <a href="http://www.sanger.ac.uk/covid-team">http://www.sanger.ac.uk/covid-team</a> )
EPI_ISL_987347  EPI_ISL_987348	Lighthouse Lab in Glasgow   Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team ( <a href="http://www.sanger.ac.uk/covid-team">http://www.sanger.ac.uk/covid-team</a> )
EPI_ISL_987349, EPI_ISL_987350  EPI_ISL_987353, EPI_ISL_987356, EPI_ISL_987358	Lighthouse Lab in Cambridge   Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Rob Howes, The Lighthouse Lab in Cambridge and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team ( <a href="http://www.sanger.ac.uk/covid-team">http://www.sanger.ac.uk/covid-team</a> )
EPI_ISL_987359  EPI_ISL_987361	Lighthouse Lab in Glasgow   Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team ( <a href="http://www.sanger.ac.uk/covid-team">http://www.sanger.ac.uk/covid-team</a> )
EPI_ISL_987362  EPI_ISL_987364, EPI_ISL_987366	Lighthouse Lab in Cambridge   Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Rob Howes, The Lighthouse Lab in Cambridge and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team ( <a href="http://www.sanger.ac.uk/covid-team">http://www.sanger.ac.uk/covid-team</a> )
EPI_ISL_987367, EPI_ISL_987368, EPI_ISL_987369	Lighthouse Lab in Glasgow   Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Harper VanSteenhouse, Yumi Kasai, David Gray, Carol Clugston, Anna Dominiczak and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team ( <a href="http://www.sanger.ac.uk/covid-team">http://www.sanger.ac.uk/covid-team</a> )





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EPI_ISL_990571, EPI_ISL_990575, EPI_ISL_990579, EPI_ISL_990582, EPI_ISL_990583, EPI_ISL_990584, EPI_ISL_990585, EPI_ISL_990587, EPI_ISL_990588, EPI_ISL_990589, EPI_ISL_990590, EPI_ISL_990591, EPI_ISL_990592, EPI_ISL_990595, EPI_ISL_990596, EPI_ISL_990598, EPI_ISL_990599, EPI_ISL_990600, EPI_ISL_990609, EPI_ISL_990610, EPI_ISL_990611, EPI_ISL_990617, EPI_ISL_990618, EPI_ISL_990621, EPI_ISL_990622, EPI_ISL_990627, EPI_ISL_990628, EPI_ISL_990631, EPI_ISL_990630, EPI_ISL_990632, EPI_ISL_990633, EPI_ISL_990642, EPI_ISL_990643, EPI_ISL_990644, EPI_ISL_990649, EPI_ISL_990650, EPI_ISL_990651, EPI_ISL_990652, EPI_ISL_990654, EPI_ISL_990656, EPI_ISL_990661, EPI_ISL_990662, EPI_ISL_990663, EPI_ISL_990664, EPI_ISL_990666, EPI_ISL_990668, EPI_ISL_990671, EPI_ISL_990673, EPI_ISL_990676, EPI_ISL_990677, EPI_ISL_990678, EPI_ISL_990679, EPI_ISL_990680, EPI_ISL_990681, EPI_ISL_990683, EPI_ISL_990691, EPI_ISL_990692, EPI_ISL_990693, EPI_ISL_990698, EPI_ISL_990700, EPI_ISL_990702, EPI_ISL_990706, EPI_ISL_990709, EPI_ISL_990711, EPI_ISL_990712, EPI_ISL_990716, EPI_ISL_990717, EPI_ISL_990718, EPI_ISL_990724, EPI_ISL_990727, EPI_ISL_990728, EPI_ISL_990730, EPI_ISL_990731, EPI_ISL_990733, EPI_ISL_990734, EPI_ISL_990735, EPI_ISL_990737, EPI_ISL_990739, EPI_ISL_990740, EPI_ISL_990741, EPI_ISL_990742, EPI_ISL_990746, EPI_ISL_990747, EPI_ISL_990748, EPI_ISL_990749, EPI_ISL_990750, EPI_ISL_990752, EPI_ISL_990753, EPI_ISL_990757, EPI_ISL_990758, EPI_ISL_990764, EPI_ISL_990765, EPI_ISL_990766, EPI_ISL_990773, EPI_ISL_990775, EPI_ISL_990776, EPI_ISL_990777, EPI_ISL_990778, EPI_ISL_990779, EPI_ISL_990781, EPI_ISL_990787, EPI_ISL_990788, EPI_ISL_990791, EPI_ISL_990792, EPI_ISL_990798, EPI_ISL_990799, EPI_ISL_990800, EPI_ISL_990804, EPI_ISL_990805, EPI_ISL_990806, EPI_ISL_990807, EPI_ISL_990810, EPI_ISL_990811, EPI_ISL_990812, EPI_ISL_990813, EPI_ISL_990816, EPI_ISL_990817, EPI_ISL_990818, EPI_ISL_990819, EPI_ISL_990822, EPI_ISL_990823, EPI_ISL_990824, EPI_ISL_990826, EPI_ISL_990827, EPI_ISL_990830, EPI_ISL_990833, EPI_ISL_990834, EPI_ISL_990835, EPI_ISL_990836, EPI_ISL_990837, EPI_ISL_990843, EPI_ISL_990848, EPI_ISL_990849, EPI_ISL_990854, EPI_ISL_990856, EPI_ISL_990858, EPI_ISL_990860, EPI_ISL_990861, EPI_ISL_990870, EPI_ISL_990876, EPI_ISL_990880, EPI_ISL_990881, EPI_ISL_990882, EPI_ISL_990885, EPI_ISL_990887, EPI_ISL_990888, EPI_ISL_990889, EPI_ISL_990891, EPI_ISL_990892, EPI_ISL_990893, EPI_ISL_990894, EPI_ISL_990895, EPI_ISL_990896, EPI_ISL_990897, EPI_ISL_990898, EPI_ISL_990899, EPI_ISL_990900, EPI_ISL_990902, EPI_ISL_990905, EPI_ISL_990909, EPI_ISL_990910, EPI_ISL_990911, EPI_ISL_990918, EPI_ISL_990924, EPI_ISL_990925, EPI_ISL_990926, EPI_ISL_990931, EPI_ISL_990933, EPI_ISL_990934, EPI_ISL_990935, EPI_ISL_990937, EPI_ISL_990938, EPI_ISL_990940, EPI_ISL_990941, EPI_ISL_990942, EPI_ISL_990944, EPI_ISL_990946, EPI_ISL_990947, EPI_ISL_990949, EPI_ISL_990950, EPI_ISL_990952, EPI_ISL_990955, EPI_ISL_990958, EPI_ISL_990960, EPI_ISL_990961, EPI_ISL_990962, EPI_ISL_990964, EPI_ISL_990971, EPI_ISL_990975, EPI_ISL_990976, EPI_ISL_990977, EPI_ISL_990981, EPI_ISL_990983, EPI_ISL_990986, EPI_ISL_990989, EPI_ISL_990991, EPI_ISL_990996, EPI_ISL_991000, EPI_ISL_991001, EPI_ISL_991004, EPI_ISL_991005, EPI_ISL_991006, EPI_ISL_991011, EPI_ISL_991015, EPI_ISL_991016, EPI_ISL_991017, EPI_ISL_991019, EPI_ISL_991021, EPI_ISL_991025, EPI_ISL_991026, EPI_ISL_991030, EPI_ISL_991037, EPI_ISL_991038, EPI_ISL_991039, EPI_ISL_991043, EPI_ISL_991044, EPI_ISL_991049, EPI_ISL_991050, EPI_ISL_991052, EPI_ISL_991055, EPI_ISL_991063, EPI_ISL_991064, EPI_ISL_991069, EPI_ISL_991071, EPI_ISL_991072, EPI_ISL_991081, EPI_ISL_991082, EPI_ISL_991083, EPI_ISL_991084, EPI_ISL_991086, EPI_ISL_991088, EPI_ISL_991093, EPI_ISL_991094, EPI_ISL_991098, EPI_ISL_991099, EPI_ISL_991100, EPI_ISL_991102, EPI_ISL_991103, EPI_ISL_991104, EPI_ISL_991110, EPI_ISL_991111, EPI_ISL_991114, EPI_ISL_991117, EPI_ISL_991119, EPI_ISL_991125, EPI_ISL_991129, EPI_ISL_991137, EPI_ISL_991139, EPI_ISL_991143, EPI_ISL_991144, EPI_ISL_991145, EPI_ISL_991146, EPI_ISL_991155, EPI_ISL_991157, EPI_ISL_991160, EPI_ISL_991162, EPI_ISL_991170, EPI_ISL_991179, EPI_ISL_991183, EPI_ISL_991187, EPI_ISL_991190, EPI_ISL_991195, EPI_ISL_991200, EPI_ISL_991203, EPI_ISL_991205, EPI_ISL_991206, EPI_ISL_991210, EPI_ISL_991213, EPI_ISL_991215, EPI_ISL_991216, EPI_ISL_991218, EPI_ISL_991227, EPI_ISL_991231, EPI_ISL_991240, EPI_ISL_991241, EPI_ISL_991246, EPI_ISL_991256, EPI_ISL_991257, EPI_ISL_991260, EPI_ISL_991263, EPI_ISL_991264, EPI_ISL_991268, EPI_ISL_991271, EPI_ISL_991272, EPI_ISL_991273, EPI_ISL_991277, EPI_ISL_991283, EPI_ISL_991287, EPI_ISL_991290, EPI_ISL_991291, EPI_ISL_991304, EPI_ISL_991305, EPI_ISL_991308	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_991351		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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_991352, EPI_ISL_991353, EPI_ISL_991356		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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_991358, EPI_ISL_991359		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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_991365, EPI_ISL_991366		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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_991367		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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_991371, EPI_ISL_991373, EPI_ISL_991375, EPI_ISL_991376		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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_991377, EPI_ISL_991379, EPI_ISL_991381, EPI_ISL_991382, EPI_ISL_991383		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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_991384		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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_991386, EPI_ISL_991387		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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_991390, EPI_ISL_991392, EPI_ISL_991393		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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_991395, EPI_ISL_991397		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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_991398, EPI_ISL_991400, EPI_ISL_991401		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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_991403		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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_991404, EPI_ISL_991405, EPI_ISL_991406, EPI_ISL_991408		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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_991409		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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_991410, EPI_ISL_991413, EPI_ISL_991414, EPI_ISL_991415		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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_991417		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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_991418		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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_991419		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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_991420, EPI_ISL_991421		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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_991422		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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_991423, EPI_ISL_991425, EPI_ISL_991430		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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team



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			Team
EPI_ISL_994513, EPI_ISL_994515	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_994518	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_994519, EPI_ISL_994520, EPI_ISL_994522	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_994528	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_994536	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_994539, EPI_ISL_994540	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_994542	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_994544	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_994545	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_994546	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_994548, EPI_ISL_994550, EPI_ISL_994553, EPI_ISL_994559, EPI_ISL_994568, EPI_ISL_994570, EPI_ISL_994572, EPI_ISL_994574, EPI_ISL_994575, EPI_ISL_994580, EPI_ISL_994581, EPI_ISL_994586, EPI_ISL_994589, EPI_ISL_994590, EPI_ISL_994593, EPI_ISL_994595, EPI_ISL_994596, EPI_ISL_994600, EPI_ISL_994607			
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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_994610	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_994615, EPI_ISL_994619, EPI_ISL_994620, EPI_ISL_994622, EPI_ISL_994624, EPI_ISL_994626, EPI_ISL_994630, EPI_ISL_994633, EPI_ISL_994634, EPI_ISL_994635, EPI_ISL_994637, EPI_ISL_994643, EPI_ISL_994647, EPI_ISL_994650, EPI_ISL_994651			
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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_994652	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, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_994802, EPI_ISL_994803, EPI_ISL_994804, EPI_ISL_994805, EPI_ISL_994806, EPI_ISL_994807, EPI_ISL_994808, EPI_ISL_994810, EPI_ISL_994811, EPI_ISL_994812, EPI_ISL_994816, EPI_ISL_994817, EPI_ISL_994818, EPI_ISL_994819, EPI_ISL_994821, EPI_ISL_994822, EPI_ISL_994823, EPI_ISL_994824, EPI_ISL_994825, EPI_ISL_994827, EPI_ISL_994828, EPI_ISL_994829, EPI_ISL_994830, EPI_ISL_994831, EPI_ISL_994833, EPI_ISL_994834, EPI_ISL_994835, EPI_ISL_994836, EPI_ISL_994837, EPI_ISL_994838, EPI_ISL_994839, EPI_ISL_994842, EPI_ISL_994843, EPI_ISL_994845, EPI_ISL_994847, EPI_ISL_994848, EPI_ISL_994849, EPI_ISL_994852, EPI_ISL_994853, EPI_ISL_994854, EPI_ISL_994858, EPI_ISL_994859, EPI_ISL_994861, EPI_ISL_994862, EPI_ISL_994865, EPI_ISL_994869			
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EPI_ISL_995331, EPI_ISL_995332, EPI_ISL_995336, EPI_ISL_995338, EPI_ISL_995340, EPI_ISL_995341, EPI_ISL_995342, EPI_ISL_995345, EPI_ISL_995347, EPI_ISL_995350, EPI_ISL_995351, EPI_ISL_995353, EPI_ISL_995356, EPI_ISL_995357, EPI_ISL_995358, EPI_ISL_995360, EPI_ISL_995363, EPI_ISL_995365, EPI_ISL_995368, EPI_ISL_995371, EPI_ISL_995372, EPI_ISL_995373, EPI_ISL_995378, EPI_ISL_995380, EPI_ISL_995381, EPI_ISL_995383, EPI_ISL_995384, EPI_ISL_995387, EPI_ISL_995388, EPI_ISL_995393, EPI_ISL_995394, EPI_ISL_995405, EPI_ISL_995407, EPI_ISL_995410, EPI_ISL_995411, EPI_ISL_995414, EPI_ISL_995418, EPI_ISL_995419, EPI_ISL_995421, EPI_ISL_995422, EPI_ISL_995425, EPI_ISL_995427, EPI_ISL_995439, EPI_ISL_995440			
see above	Outre mer	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Combe Patrice
EPI_ISL_995449	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_995451, EPI_ISL_995453, EPI_ISL_995454, EPI_ISL_995456, EPI_ISL_995457, EPI_ISL_995458, EPI_ISL_995459, EPI_ISL_995460	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Fourgeaud Jacques
EPI_ISL_995463, EPI_ISL_995465, EPI_ISL_995466	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,Guinoiseau Thibault
EPI_ISL_995469	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,Garand Anne-Laure
EPI_ISL_995471	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,Merens Audrey
EPI_ISL_995473	Recherche	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,Leruez-Ville Marianne
EPI_ISL_995474, EPI_ISL_995476, EPI_ISL_995479, EPI_ISL_995480, EPI_ISL_995481, EPI_ISL_995482, EPI_ISL_995483, EPI_ISL_995484, EPI_ISL_995489, EPI_ISL_995490	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_995491, EPI_ISL_995494	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,Delamare Catherine
EPI_ISL_995541, EPI_ISL_995542, EPI_ISL_995547	Jessa	Jessa	Jessa_cmdLab
EPI_ISL_995557, EPI_ISL_995558, EPI_ISL_995559, EPI_ISL_995560, EPI_ISL_995561, EPI_ISL_995562, EPI_ISL_995563, EPI_ISL_995566, EPI_ISL_995567, EPI_ISL_995568, EPI_ISL_995602, EPI_ISL_995603, EPI_ISL_995614, EPI_ISL_995615, EPI_ISL_995616, EPI_ISL_995617, EPI_ISL_995618, EPI_ISL_995619, EPI_ISL_995620, EPI_ISL_995621, EPI_ISL_995622, EPI_ISL_995651, EPI_ISL_995652, EPI_ISL_995653, EPI_ISL_995654, EPI_ISL_995655, EPI_ISL_995656, EPI_ISL_995657, EPI_ISL_995658, EPI_ISL_995659, EPI_ISL_995660, EPI_ISL_995661, EPI_ISL_995662, EPI_ISL_995664, EPI_ISL_995667, EPI_ISL_995668, EPI_ISL_995669, EPI_ISL_995670, EPI_ISL_995671, EPI_ISL_995672, EPI_ISL_995673, EPI_ISL_995674, EPI_ISL_995675, EPI_ISL_995676, EPI_ISL_995678, EPI_ISL_995679, EPI_ISL_995680, EPI_ISL_995681, EPI_ISL_995684, EPI_ISL_995685, EPI_ISL_995686, EPI_ISL_995687, EPI_ISL_995688, EPI_ISL_995689, EPI_ISL_995690, EPI_ISL_995691			

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EPI_ISL_995725, EPI_ISL_995736	BBMP Urban PHC	Department of Neurovirology, National Institute of Mental Health and Neurosciences (NIMHANS)	Chitra Pattabiraman, Pramada Prasad, Anson Kunjumon George, Harsha.P.K, Risha Rasheed, Darshan Sreenivas, Nakka Vijay Kiran Reddy, Anita S Desai, V Ravi
EPI_ISL_995743	Jayanagar General Hospital	Department of Neurovirology, National Institute of Mental Health and Neurosciences (NIMHANS)	Chitra Pattabiraman, Pramada Prasad, Anson Kunjumon George, Harsha.P.K, Risha Rasheed, Darshan Sreenivas, Nakka Vijay Kiran Reddy, Anita S Desai, V Ravi
EPI_ISL_995750	BBMP Urban PHC	Department of Neurovirology, National Institute of Mental Health and Neurosciences (NIMHANS)	Chitra Pattabiraman, Pramada Prasad, Anson Kunjumon George, Harsha.P.K, Risha Rasheed, Darshan Sreenivas, Nakka Vijay Kiran Reddy, Anita S Desai, V Ravi
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EPI_ISL_995839, EPI_ISL_995840, EPI_ISL_995841, EPI_ISL_995842, EPI_ISL_995843, EPI_ISL_995844, EPI_ISL_995845, EPI_ISL_995846, EPI_ISL_995847, EPI_ISL_995848, EPI_ISL_995849, EPI_ISL_995850, EPI_ISL_995851, EPI_ISL_995852, EPI_ISL_995853, EPI_ISL_995854, EPI_ISL_995855, EPI_ISL_995856, EPI_ISL_995857, EPI_ISL_995858, EPI_ISL_995859, EPI_ISL_995860, EPI_ISL_995861, EPI_ISL_995862, EPI_ISL_995863, EPI_ISL_995864, EPI_ISL_995865, EPI_ISL_995866, EPI_ISL_995867, EPI_ISL_995868, EPI_ISL_995869, EPI_ISL_995870, EPI_ISL_995871, EPI_ISL_995872, EPI_ISL_995873, EPI_ISL_995874, EPI_ISL_995878, EPI_ISL_995879, EPI_ISL_995880, EPI_ISL_995881, EPI_ISL_995884, EPI_ISL_995885, EPI_ISL_995886, EPI_ISL_995887, EPI_ISL_995888, EPI_ISL_995889, EPI_ISL_995890, EPI_ISL_995891, EPI_ISL_995892, EPI_ISL_995893, EPI_ISL_995894, EPI_ISL_995895, EPI_ISL_995896, EPI_ISL_995897, EPI_ISL_995899, EPI_ISL_995900, EPI_ISL_995901, EPI_ISL_995902, EPI_ISL_995903, EPI_ISL_995904, EPI_ISL_995906, EPI_ISL_995907, EPI_ISL_995908, EPI_ISL_995909, EPI_ISL_995910, EPI_ISL_995911, EPI_ISL_995912, EPI_ISL_995913, EPI_ISL_995914, EPI_ISL_995915, EPI_ISL_995916, EPI_ISL_995917, EPI_ISL_995918, EPI_ISL_995919, EPI_ISL_995920, EPI_ISL_995921, EPI_ISL_995922, EPI_ISL_995923, EPI_ISL_995924, EPI_ISL_995925, EPI_ISL_995926, EPI_ISL_995927, EPI_ISL_995928, EPI_ISL_995929, EPI_ISL_995930, EPI_ISL_995932, EPI_ISL_995933, EPI_ISL_995934, EPI_ISL_995935, EPI_ISL_995936, EPI_ISL_995937, EPI_ISL_995938, EPI_ISL_995940, EPI_ISL_995941, EPI_ISL_995942, EPI_ISL_995943, EPI_ISL_995944, EPI_ISL_995945, EPI_ISL_995946, EPI_ISL_995947, EPI_ISL_995949, EPI_ISL_995950, EPI_ISL_995951, EPI_ISL_995952, EPI_ISL_995953, EPI_ISL_995954, EPI_ISL_995955, EPI_ISL_995957, EPI_ISL_995958, EPI_ISL_995959, EPI_ISL_995961, EPI_ISL_995962, EPI_ISL_995963, EPI_ISL_995964, EPI_ISL_995965, EPI_ISL_995966, EPI_ISL_995967, EPI_ISL_995968, EPI_ISL_995969, EPI_ISL_995970, EPI_ISL_995972, EPI_ISL_995973, EPI_ISL_995974, EPI_ISL_995975, EPI_ISL_995976, EPI_ISL_995977, EPI_ISL_995978, EPI_ISL_995980, EPI_ISL_995982, EPI_ISL_995983, EPI_ISL_995984, EPI_ISL_995986, EPI_ISL_995987, EPI_ISL_995988, EPI_ISL_995989, EPI_ISL_995990, EPI_ISL_995991, EPI_ISL_995992, EPI_ISL_995993, EPI_ISL_995995, EPI_ISL_995996, EPI_ISL_995997, EPI_ISL_995998, EPI_ISL_996000, EPI_ISL_996001			
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EPI_ISL_996031, EPI_ISL_996036, EPI_ISL_996040, EPI_ISL_996041, EPI_ISL_996043, EPI_ISL_996045, EPI_ISL_996048, EPI_ISL_996049, EPI_ISL_996050, EPI_ISL_996055, EPI_ISL_996059			
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EPI_ISL_996069, EPI_ISL_996073	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_996399, EPI_ISL_996402, EPI_ISL_996405, EPI_ISL_996407, EPI_ISL_996408, EPI_ISL_996409, EPI_ISL_996412	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_996417, EPI_ISL_996419	Bundeswehrkrankenhaus Hamburg	Bundeswehr Institute of Microbiology	Markus Antwerpen, Alexandra Rehn, Mathias Walter, Malena Bestehorn-Willmann, Mike Pillukat, Sabine Zange, Enrico Georgi, Roman Wölfel
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EPI_ISL_996599, EPI_ISL_996601, EPI_ISL_996602, EPI_ISL_996603, EPI_ISL_996606, EPI_ISL_996607, EPI_ISL_996610, EPI_ISL_996611, EPI_ISL_996612, EPI_ISL_996614, EPI_ISL_996615, EPI_ISL_996616, EPI_ISL_996619, EPI_ISL_996620, EPI_ISL_996622, EPI_ISL_996623, EPI_ISL_996626, EPI_ISL_996629, EPI_ISL_996632, EPI_ISL_996633, EPI_ISL_996634, EPI_ISL_996635, EPI_ISL_996644, EPI_ISL_996645, EPI_ISL_996652, EPI_ISL_996654, EPI_ISL_996657, EPI_ISL_996673, EPI_ISL_996675, EPI_ISL_996676, EPI_ISL_996677, EPI_ISL_996678, EPI_ISL_996679, EPI_ISL_996680, EPI_ISL_996682, EPI_ISL_996684, EPI_ISL_996686, EPI_ISL_996687, EPI_ISL_996688, EPI_ISL_996689, EPI_ISL_996691, EPI_ISL_996692, EPI_ISL_996693, EPI_ISL_996694, EPI_ISL_996695, EPI_ISL_996696, EPI_ISL_996697, EPI_ISL_996698, EPI_ISL_996699, EPI_ISL_996700, EPI_ISL_996701, EPI_ISL_996702, EPI_ISL_996703, EPI_ISL_996705, EPI_ISL_996706, EPI_ISL_996708, EPI_ISL_996710, EPI_ISL_996711, EPI_ISL_996712, EPI_ISL_996713, EPI_ISL_996715, EPI_ISL_996716, EPI_ISL_996717, EPI_ISL_996718, EPI_ISL_996720, EPI_ISL_996722, EPI_ISL_996727, EPI_ISL_996729, EPI_ISL_996733, EPI_ISL_996738, EPI_ISL_996865, EPI_ISL_996867, EPI_ISL_996868, EPI_ISL_996872, EPI_ISL_996876, EPI_ISL_996878, EPI_ISL_996879, EPI_ISL_996880, EPI_ISL_996882, EPI_ISL_996884, EPI_ISL_996886, EPI_ISL_996888, EPI_ISL_996891, EPI_ISL_996892, EPI_ISL_996894, EPI_ISL_996896, EPI_ISL_996903, EPI_ISL_996905, EPI_ISL_996906, EPI_ISL_996910, EPI_ISL_996911, EPI_ISL_996912, EPI_ISL_996913, EPI_ISL_996916, EPI_ISL_996919, EPI_ISL_996921, EPI_ISL_996922, EPI_ISL_996924, EPI_ISL_996926, EPI_ISL_996927, EPI_ISL_996928, EPI_ISL_996930, EPI_ISL_996931, EPI_ISL_996934, EPI_ISL_996935, EPI_ISL_996937, EPI_ISL_996940, EPI_ISL_996941, EPI_ISL_996944, EPI_ISL_996945, EPI_ISL_996950, EPI_ISL_996954, EPI_ISL_996960, EPI_ISL_996961, EPI_ISL_996962, EPI_ISL_996963, EPI_ISL_996965, EPI_ISL_996967, EPI_ISL_996969, EPI_ISL_996972, EPI_ISL_996974, EPI_ISL_996975, EPI_ISL_996977, EPI_ISL_996978, EPI_ISL_996980, EPI_ISL_996982, EPI_ISL_996984, EPI_ISL_996986, EPI_ISL_996988, EPI_ISL_996992, EPI_ISL_996993, EPI_ISL_996995, EPI_ISL_996996, EPI_ISL_996997, EPI_ISL_996998, EPI_ISL_996999, EPI_ISL_997001, EPI_ISL_997004, EPI_ISL_997006, EPI_ISL_997008, EPI_ISL_997009, EPI_ISL_997010, EPI_ISL_997011, EPI_ISL_997013, EPI_ISL_997014, EPI_ISL_997015, EPI_ISL_997016, EPI_ISL_997019, EPI_ISL_997020, EPI_ISL_997024, EPI_ISL_997027, EPI_ISL_997028, EPI_ISL_997032, EPI_ISL_997033, EPI_ISL_997035, EPI_ISL_997036, EPI_ISL_997039, EPI_ISL_997040, EPI_ISL_997041, EPI_ISL_997043, EPI_ISL_997045, EPI_ISL_997046, EPI_ISL_997049			
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EPI_ISL_997192, EPI_ISL_997198, EPI_ISL_997202, EPI_ISL_997266, EPI_ISL_997273, EPI_ISL_997276, EPI_ISL_997281, EPI_ISL_997287, EPI_ISL_997324, EPI_ISL_997326, EPI_ISL_997327, EPI_ISL_997328, EPI_ISL_997329, EPI_ISL_997331, EPI_ISL_997332, EPI_ISL_997336, EPI_ISL_997337			
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EPI_ISL_998101, EPI_ISL_998108, EPI_ISL_998114, EPI_ISL_998120, EPI_ISL_998123, EPI_ISL_998125	Virology Department, Sheffield Teaching Hospitals NHS Foundation Trust/Department of Infection, Immunity and Cardiovascular Disease, The Medical School, University of	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_998127, EPI_ISL_998131	Sheffield		
EPI_ISL_998234	Regional Virus Laboratory, Belfast Health and Social Care Trust	COVID-19 Genomics UK (COG-UK) Consortium	Conall McCaughey, James McKenna, Tanya Curran, Susan Feeney, Alison Watt, Ciara Cox, Mairead Connor, Zoltan Molnar, David Simpson, Derek Fairley
EPI_ISL_998336, EPI_ISL_998338, EPI_ISL_998415, EPI_ISL_998433, EPI_ISL_998437, EPI_ISL_998567, EPI_ISL_998569, EPI_ISL_998573, EPI_ISL_998574, EPI_ISL_998575	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_998847, EPI_ISL_998849, EPI_ISL_998857, EPI_ISL_998863, EPI_ISL_998885, EPI_ISL_998886	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, Reenesha Prakash, Samir Dervisevic, Alison E. Mather, John Wain, Mark Webber, Andrew J. Page, Justin O'Grady
EPI_ISL_998946, EPI_ISL_998952, EPI_ISL_998977, EPI_ISL_998978	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
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