

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_4140021, EPI_ISL_4343539, EPI_ISL_4343968, EPI_ISL_4344102	Infinity Biologix		Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Adrian Paskey; Benjamin Rambo-Martin; Chirayu Goswami; Christian Bixby; Christopher Gulvick; Clinton Paden; Dakota Howard; Darlene Wagner; Dhvani Batra; Duncan MacCannell; Erisa Sula; Jason Caravas; Jonathan Schultz; Kara Moser; Kristine Lacey; Matthew Schmerer; Peter Cook; Robin Grimwood; Russ Hager; Scott Sammons; Shatavia Morrison; Tymeckia Kendall; Victoria Caban Figueroa; Yihe Wang; Yvette Unoarumhi
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EPI_ISL_3970219, EPI_ISL_3973085, EPI_ISL_3974937, EPI_ISL_3994405, EPI_ISL_3994520, EPI_ISL_4191987, EPI_ISL_4407515	see above	Integrated Covid Hub North East	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Cordelia Langford; David K. Jackson; Dominic Kwiatkowski; Ewan Harrison; Ian Johnston; Integrated Covid Hub North East and Alex Alderton; Jeffrey Barrett; John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team; Roberto Amato; Sonia Goncalves
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EPI_ISL_3264985, EPI_ISL_3265124, EPI_ISL_3265134, EPI_ISL_3265135, EPI_ISL_3265182, EPI_ISL_3265302, EPI_ISL_3265306, EPI_ISL_3275820	see above	JIPMER Puducherry	inStem NCBS - INSACOG	Uma Ramakrishnan Dasaradhi Palakodeti Aswin SaiNarain; Uma Ramakrishnan Dasaradhi Palakodeti Aswin SaiNarain
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EPI_ISL_3561227, EPI_ISL_3825765, EPI_ISL_3825778, EPI_ISL_3825791, EPI_ISL_4261129	Kaiser Permanente NW Reginal Lab		OHSU MM Lab	Amber Halse; Jeannine Lama; Xuan Qin; Yun Wu
EPI_ISL_3696942, EPI_ISL_3743613, EPI_ISL_3939276, EPI_ISL_4206022	Kansas Health and Environmental Lab		Kansas Health and Environmental Lab	Amanda Bradley; Carrie Welch; Gary Buruss; Jonathan Barnell; Meg Wise; Mike Grose; and Phil Adam
EPI_ISL_4070918	Karolinska University Hospital Huddinge		Karolinska University Hospital	Annelie Bjerkner; Isak Sylvin; Jan Albert; Karolina Ininbergs; Lina Guerra Blomqvist; Lynda Eneh; Martin Ekman; Martina Wahlund; Robert Dyrdak; Sandra Broddesson; Tanja Normark; Tobias Allander; Valterti Wirta; Zhibing Yun
EPI_ISL_3734175	Karolinska University Hospital Solna		Karolinska University Hospital	Annelie Bjerkner; Isak Sylvin; Jan Albert; Karolina Ininbergs; Lina Guerra Blomqvist; Lynda Eneh; Martin Ekman; Martina Wahlund; Robert Dyrdak; Sandra Broddesson; Tanja Normark; Tobias Allander; Valterti Wirta; Zhibing Yun
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EPI_ISL_3912386	LACEN_CENTRO DE TESTAGEM PARA VIAJANTE		Analytical Competence Molecular Epidemiology Lab/ACME, Oswaldo Cruz Foundation, Ceara (FIOCRUZ CE)	Cleber Furtado Aksenen; Fabio Miyajima; Fernando Braga Stehling; Francisco Eder de Moura Lopes; Jamilye Maria Mendes Bezerra; Joaquim Cesar do Nascimento Sousa Junior; Pedro Miguel Carneiro Jeronimo; Suzana Porto Almeida & Lucas Delerino on behalf of COVID-19 FIOCRUZ Genomic Network; Thais Ferreira de Oliveira; Thais de Oliveira Costa; Ticiane Cavalcante de Souza; Veridiana Pessoa Miyajima
EPI_ISL_3891084, EPI_ISL_4040243	LADR Zentrallabor DR. Kramer & Kollegen Geesthacht		Robert Koch Institute	
EPI_ISL_4001756	LBM Porte de la Chapelle		CERBA HealthCare	Bénédicte Roquebert; Laura Verdurme; Sabine Trombert; Stéphanie Haim-Boukobza
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EPI_ISL_3390956, EPI_ISL_3393490	LISIEUX Cerballiance		Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Alexandre Soulier; Christophe Rodriguez; Elisabeth Trawinski; Guillaume Gricourt; Jean-Michel Pawlotsky; Melissa N'Debi; Slim Fourati; Vanessa Demontant
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EPI_ISL_3214498, EPI_ISL_3214499, EPI_ISL_3214519, EPI_ISL_3214554, EPI_ISL_3276370, EPI_ISL_3276410, EPI_ISL_3276449, EPI_ISL_4128368, EPI_ISL_4128567, EPI_ISL_4128676, EPI_ISL_4128709	see above	Lab. Microbiologia e Virologia Cotugno A.O. dei Colli	TIGEM	Antonio Grimaldi Patrizia Annunziata Francesco Panariello Biancamaria Pierri Claudia Tiberio Teresa Giuliano Valentina Bouche Chiara Colantuono Maria Concetta Cuomo Denise Di Concilio Lucio Di Filippo Anna Manfredi Marcello Salvi Antonio Limone Luigi Atripaldi Pellegrino Cerino Andrea Ballabio Davide Cacchiarelli; Antonio Grimaldi Patrizia Annunziata Francesco Panariello Claudia Tiberio Teresa Giuliano Valentina Bouche Chiara Colantuono Lucio Di Filippo Anna Manfredi Marcello Salvi Antonio Limone Luigi Atripaldi Andrea Ballabio Davide Cacchiarelli
EPI_ISL_4038557, EPI_ISL_4038590	LabKom - Labor Augsburg MVZ GmbH		Robert Koch Institute	
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EPI_ISL_3238848, EPI_ISL_3495873, EPI_ISL_3500192	Labor 28 MVZ GmbH		Robert Koch Institute	
EPI_ISL_3113259, EPI_ISL_3122138, EPI_ISL_3182147, EPI_ISL_3182204, EPI_ISL_3182248	Labor Berlin Charité Vivantes GmbH / Institut für Virologie		Charité Universitätsmedizin Berlin, Institut für Virologie/Labor Berlin	Barbara Mühlemann; Christian Drosten; Christine Stephan; Peter Menzel; Rolf Schwarzer; Terry Jones; Victor M Corman
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EPI_ISL_3498506, EPI_ISL_4223060, EPI_ISL_4231146	Labor Dr. Wisplinghoff - Köln		Robert Koch Institute	

EPI_ISL_3122557, EPI_ISL_3122563	Labor Prof. Dr. G. Enders MVZ Gbr	Robert Koch Institute	
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EPI_ISL_4220181, EPI_ISL_4220276	Laboratorio Central de Saude Publica do Estado do Espirito Santo (LACEN/ES)	Laboratory of Respiratory Viruses and Measles, Oswaldo Cruz Institute, FIOCRUZ	Alice Sampaio Rocha; Ana Carolina Mendonca; Anna Carolina Paixao; Elisa Cavalcante Pereira; Fernando Motta; Luciana Appolinario; Marilda Siqueira on behalf of the FioCruz COVID-19 Genomic Surveillance Network; Paola Resende; Renata Serrano Lopes; Rodrigo Ribeiro Rodrigues; Taina Venas
EPI_ISL_3510191, EPI_ISL_3511988, EPI_ISL_3513284, EPI_ISL_3513407, EPI_ISL_3515180, EPI_ISL_3515181, EPI_ISL_3515339, EPI_ISL_3515430, EPI_ISL_3515719, EPI_ISL_3516809, EPI_ISL_3605757, EPI_ISL_3605915, EPI_ISL_3605938, EPI_ISL_3606465, EPI_ISL_3606964, EPI_ISL_3677797, EPI_ISL_3679015, EPI_ISL_3680222, EPI_ISL_3683502, EPI_ISL_3683504, EPI_ISL_3747021, EPI_ISL_3748865, EPI_ISL_3751101, EPI_ISL_3751205, EPI_ISL_3755524, EPI_ISL_4150079, EPI_ISL_4152858, EPI_ISL_4155961, EPI_ISL_4156445, EPI_ISL_4156495, EPI_ISL_4156919, EPI_ISL_4156932, EPI_ISL_4157673, EPI_ISL_4163509, EPI_ISL_4163746, EPI_ISL_4164867, EPI_ISL_4166406, EPI_ISL_4173877, EPI_ISL_4173879, EPI_ISL_4176911, EPI_ISL_4180847, EPI_ISL_4241107, EPI_ISL_4242177, EPI_ISL_4331246, EPI_ISL_4331810, EPI_ISL_4332971, EPI_ISL_4337181, EPI_ISL_4338324	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Adrian Paskey; Amanda Douglas; Amanda Suchanek; Andrea Throop; Ayla Burns; Benjamin Rambo-Martin; Bobbi Croy; Brian Krueger; Brian Norvell; Christopher Gulvick; Christos Petropoulos; Clinton Paden; Craig Lukasik; Dakota Howard; Darlene Wagner; Debbie Boles; Dhvani Batra; Duncan MacCannell; Eyad Almasri; Goran Stevovic; Howard Engler; Hrushikesh Deshmukh; Jake Humphrey; Jana Schroth; Jason Caravas; Joe Voshell; John Pruitt; Jonathan Meltzer; Jonathan Williams; Kara Moser; Kimberly Wagner; Kristine Lacey; Lax Iyer; Lisa Pfefferle; Lyndon Tilson; Manoj Jain; Marcia Eisenberg; Mary Cristobal; Mary Williamson; Matthew Robinson; Matthew Schmerer; Michael Levandoski; Mike Sapeta; Mindy Nye; Minoo Agarwal; Mohan Kollji; Nuthwin Charoensri; Oren Cohen; Peter Cook; Prashant Gupta; Qian Zeng; Rama Gharti; Scott Parker; Scott Ryan; Scott Sammons; Shateya Morrison; Stanley Letovsky; Steven Ragan; Suresh Selvaraju; Susan Countryman; Susan Hicks; Suzanne Dale; Thomas Urban; Tim Kupal; Tricia Zwiefelhofer; Victoria Caban Figueroa; Vincent Drouillon; Yvette Unarumchi	
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EPI_ISL_2956121	Labormedizin Darmstadt	Robert Koch Institute	
EPI_ISL_2514206, EPI_ISL_2570013, EPI_ISL_2717892, EPI_ISL_3435462, EPI_ISL_3435555, EPI_ISL_3497998, EPI_ISL_3498217, EPI_ISL_3641197, EPI_ISL_3641279, EPI_ISL_3705753, EPI_ISL_3705891, EPI_ISL_3809132, EPI_ISL_3811349, EPI_ISL_3836639, EPI_ISL_3953246, EPI_ISL_3953414, EPI_ISL_3991183, EPI_ISL_3992879, EPI_ISL_3993366, EPI_ISL_3993479, EPI_ISL_4010194, EPI_ISL_4011301, EPI_ISL_4047506, EPI_ISL_4047616, EPI_ISL_4214628, EPI_ISL_4218419, EPI_ISL_4247672, EPI_ISL_4247776, EPI_ISL_4287867, EPI_ISL_4289767, EPI_ISL_4289877, EPI_ISL_4290017, EPI_ISL_4319720, EPI_ISL_4324741, EPI_ISL_4327698	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Cordelia Langford; David K. Jackson; Dominic Kwiatkowski; Ewan Harrison; Ian Johnston; Jacquelyn Wynn; Jeffrey Barrett; John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team; Mairead Hyland; Roberto Amato; Sonia Goncalves; The Lighthouse Lab in Alderley Park and Alex Alderton	
EPI_ISL_2728898, EPI_ISL_2729006, EPI_ISL_2729340, EPI_ISL_2730648, EPI_ISL_2730666, EPI_ISL_2730954, EPI_ISL_2807862, EPI_ISL_2808790, EPI_ISL_2808947, EPI_ISL_2814311, EPI_ISL_2851025, EPI_ISL_2851167, EPI_ISL_2851168, EPI_ISL_2851309, EPI_ISL_2852571, EPI_ISL_2852970, EPI_ISL_2909216, EPI_ISL_2909376, EPI_ISL_2909382, EPI_ISL_2912707, EPI_ISL_2913100, EPI_ISL_2913126, EPI_ISL_2914227, EPI_ISL_2914463, EPI_ISL_2917038, EPI_ISL_2917110, EPI_ISL_2937028, EPI_ISL_2937595, EPI_ISL_2937638, EPI_ISL_2974909, EPI_ISL_2996716, EPI_ISL_2997324, EPI_ISL_2999323, EPI_ISL_2999767, EPI_ISL_3052550, EPI_ISL_3052591, EPI_ISL_3095819, EPI_ISL_3096198, EPI_ISL_3097949, EPI_ISL_3097967, EPI_ISL_3097969, EPI_ISL_3098049, EPI_ISL_3109570, EPI_ISL_3109896, EPI_ISL_3110259, EPI_ISL_3124986, EPI_ISL_3126609, EPI_ISL_3139614, EPI_ISL_3140198, EPI_ISL_3140231, EPI_ISL_3140438, EPI_ISL_3141518, EPI_ISL_3141518, EPI_ISL_3168500, EPI_ISL_3203359, EPI_ISL_3203824, EPI_ISL_3204102, EPI_ISL_3224905, EPI_ISL_3366720, EPI_ISL_3366724, EPI_ISL_3366728, EPI_ISL_3444067, EPI_ISL_3444900, EPI_ISL_3527957, EPI_ISL_3528100, EPI_ISL_3529717, EPI_ISL_3529921, EPI_ISL_3563501, EPI_ISL_3581210, EPI_ISL_3583483, EPI_ISL_3726233, EPI_ISL_3726532, EPI_ISL_3763083, EPI_ISL_3811769, EPI_ISL_3966611, EPI_ISL_3966627, EPI_ISL_3966688, EPI_ISL_3974094, EPI_ISL_4024093, EPI_ISL_4066796, EPI_ISL_4067362, EPI_ISL_4068444, EPI_ISL_4145942, EPI_ISL_4146872, EPI_ISL_4147742, EPI_ISL_4218664, EPI_ISL_4267098, EPI_ISL_4268560, EPI_ISL_4330330, EPI_ISL_4406805	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Anna Dominiczak and Alex Alderton; Carol Clugston; Cordelia Langford; David Gray; David K. Jackson; Dominic Kwiatkowski; Ewan Harrison; Harper VanSteenhoven; Ian Johnston; Jeffrey Barrett; John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team; Roberto Amato; Sonia Goncalves; Yumi Kasai	
EPI_ISL_2486173, EPI_ISL_2805871, EPI_ISL_2809890, EPI_ISL_2910128, EPI_ISL_2910161, EPI_ISL_2910808, EPI_ISL_2910840, EPI_ISL_2916294, EPI_ISL_2963241, EPI_ISL_2994649, EPI_ISL_3095381, EPI_ISL_3123790, EPI_ISL_3224020, EPI_ISL_3364705, EPI_ISL_3364798, EPI_ISL_3563133, EPI_ISL_3727717, EPI_ISL_3994295, EPI_ISL_4015257, EPI_ISL_4189740, EPI_ISL_4214017, EPI_ISL_4216232, EPI_ISL_4218762, EPI_ISL_4248305, EPI_ISL_4287957, EPI_ISL_4288032, EPI_ISL_4289454, EPI_ISL_4351806, EPI_ISL_4352423, EPI_ISL_4352515, EPI_ISL_4452705	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Cordelia Langford; David K. Jackson; Dominic Kwiatkowski; Ewan Harrison; Ian Johnston; Jeffrey Barrett; John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team; Roberto Amato; Sonia Goncalves; The Lighthouse Lab in Milton Keynes and Alex Alderton	
EPI_ISL_3882086, EPI_ISL_4047357, EPI_ISL_4452101	Lighthouse Laboratory Plymouth	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Cordelia Langford; David K. Jackson; Dominic Kwiatkowski; Ewan Harrison; Ian Johnston; Jeffrey Barrett; John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team; Lighthouse Laboratory Plymouth and Alex Alderton; Roberto Amato; Sonia Goncalves
EPI_ISL_3020410	MA15 Lieferdienst Veloce	AGES, Institute for Medical Microbiology and Hygiene	Alena Chalupka; Alexander Indra; Julia Klikovits; Justine Schaeffer; Kathrin Lippert; Norbert Handra; Philipp Wanka
EPI_ISL_3770567	MCL Med. Laboratorien AG	Institute for Infectious Diseases	Alban Ramette; Christian Baumann; Cora SÄngesser; Franziska Suter-Riniker; Miguel A Terrazos Miani; Pascal Bittel; Peter Keller; Stefan Neuenschwander; Stephen L Leib
EPI_ISL_3494714, EPI_ISL_3494822, EPI_ISL_3494838, EPI_ISL_3494849, EPI_ISL_3494856, EPI_ISL_3496056, EPI_ISL_3497068, EPI_ISL_3497079, EPI_ISL_3500668, EPI_ISL_3714406, EPI_ISL_3714418	MDI Limbach Berlin GmbH; MVZ Labor Berlin	Robert Koch Institute	
EPI_ISL_3830617, EPI_ISL_3934245, EPI_ISL_4393666, EPI_ISL_4394486, EPI_ISL_4394824	MEPHI, Aix Marseille University	MEPHI, Aix Marseille University	Anthony LEVASSEUR
EPI_ISL_4323613	MIRIALIS CLUSES BECHET	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal; Bruno Lina; Gregory Destras; Gwendolyne Burfin; Hadrien Regue; Laurence Josset; Martine Valette; Quentin Semanas
EPI_ISL_4281000, EPI_ISL_4281705	MUSC Molecular Pathology Laboratory	MUSC Molecular Pathology Laboratory	Dariusz Pytel; Frederick S. Nolte; Jaclyn Dunne; Jim Madory; Julie W. Hirschhorn; Kristen Maurer; Scott Curry; W. Bailey Glen Jr
EPI_ISL_4039435, EPI_ISL_4039437, EPI_ISL_4223521, EPI_ISL_4223575	MVZ Dr. Eberhard & Partner Dortmund	Robert Koch Institute	
EPI_ISL_3500797, EPI_ISL_3714441, EPI_ISL_3716174, EPI_ISL_4038615, EPI_ISL_4038634, EPI_ISL_4039779	MVZ Labor Dr. Limbach & Kollegen Gbr	Robert Koch Institute	
EPI_ISL_3878708, EPI_ISL_4039117, EPI_ISL_4039137, EPI_ISL_4039148	MVZ Labor Krone Gbr	Robert Koch Institute	
EPI_ISL_4084129, EPI_ISL_4084473	Maine Health and Environmental Testing Laboratory	Tewhey Lab, The Jackson Laboratory	Barter, M.; Dewey, H.; H. and Tewhey, R.; Iosue, F.; Lynch, R.; Matluk, N.; Munger
EPI_ISL_3428183, EPI_ISL_3603230, EPI_ISL_3604068, EPI_ISL_3864288, EPI_ISL_4185421, EPI_ISL_4276567, EPI_ISL_4330899	Mako Medical	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Adrian Paskey; Benjamin Rambo-Martin; Christopher Gulvick; Clinton Paden; Clinton R. Paden; Dakota Howard; Darlene Wagner; Dhvani Batra; Duncan MacCannell; Erisa Sula; Jason Caravas; Kara Moser; Kristine Lacey; Lauren Moon; Matthew Schmerer; Matthew Tugwell; Peter Cook; Peter W. Cook; Scott Sammons; Shateya Morrison; Tymecia Kendall; Victoria Caban Figueroa; Yvette Unarumchi
EPI_ISL_3689388,	Mapmygenome	CSIR-Centre for Cellular and	Amreshwar Vodapalli; Ara Sreenivas; Archana Bharadwaj Siva; B Himarsi; Divya Tej Sowpatti; Jandhyala Sai Krishna; Karthik Bharadwaj Tallapaka; Lamuk Zaveri; Onkar Kulkarni; Payel Mukherjee; Priya Nurkurthy; Rakesh K Mishra; Shreekant Verma; Sofia Banu; Sumedha Avadhanula; Tulasi Nagabandi;

EPI_ISL_3689867		Molecular Biology - INSACOG	Valli Nagalakshmi Undamatla; Vidhyadhari Methuku
EPI_ISL_4077737, EPI_ISL_4077738, EPI_ISL_4398202, EPI_ISL_4398264	Medical Microbiology Unit, Department for Laboratory Medicine, Drammen Hospital, Vestre Viken Health Trust,	Norwegian Institute of Public Health, Department of Virology	Atiya R Ali; Debech Nadia; Engebretsen Serina Beate; Garcia Llorente Ignacio; Hilde Elshaug; Hilde Volian; Jon Bråte; Kamilla Heddeland Instefjord; Karoline Bragstad; Kathrine Stene-Johansen; Line Victoria Moen; Marie Paulsen Madsen; Olav Hungnes; Pedersen Benedikte Nevjen; Rasmus Riis Kopperud
EPI_ISL_3713470	Medizinische Laboratorien Düsseldorf	Robert Koch Institute	
EPI_ISL_3707829, EPI_ISL_3739724	Microbiologia e Virologia Cotugno	Microbiologia e Virologia Cotugno	Andrea Ballabio; Anna Manfredi; Anna Perfetti; Antonio Grimaldi; Antonio Limone; Biancamaria Pierri; Chiara Colantuono; Claudia Tiberio; Claudio de Martinis; Davide Cacchiarelli; Denise Di Concilio; Erasmo Falco; Ester De Carlo; Federica Ferrentino; Francesco Panariello; Giovanna Fusco; Loredana Cozzolino; Lorena Cardillo; Lucio Di Filippo; Luigi Atripaldi; Marcello Salvi; Maria Concetta Cuomo; Maurizio Viscardi; Patrizia Annunziata; Pellegrino Cerino; Teresa Giuliano; Valentina Bouche
EPI_ISL_3852533, EPI_ISL_3852535, EPI_ISL_3852553, EPI_ISL_3852610, EPI_ISL_3858731	Microbiologia e Virologia Cotugno	TIGEM	Antonio Grimaldi Patrizia Annunziata Francesco Panariello Biancamaria Pierri Claudia Tiberio Teresa Giuliano Valentina Bouche Chiara Colantuono Maria Concetta Cuomo Denise Di Concilio Lucio Di Filippo Anna Manfredi Marcello Salvi Antonio Limone Luigi Atripaldi Pellegrino Cerino Andrea Ballabio Davide Cacchiarelli
EPI_ISL_3501808, EPI_ISL_3501851	Microbiology and Virology IFO, Rome, Italy	University Campus Bio-Medico of Rome (UCBM)	Angeletti S.; De Florio L.; Fogolari M.; Francesconi M.; Lintas C.; Riva E.; Veralli R.
EPI_ISL_3047938	Microvida	Microvida	Jaco J. Verweij; Joep J. J. M. Stohr; Suzan D. Pas
EPI_ISL_3533313, EPI_ISL_3533588, EPI_ISL_3533799, EPI_ISL_3534013, EPI_ISL_3538089, EPI_ISL_3538292, EPI_ISL_3538495, EPI_ISL_4001253			
see above	Ministry of Health Turkey	Ministry of Health Turkey	Fatma Bayraktar; Gulay Korukluoglu; Gülay Korukluoğlu; Suleyman Yalcin; Süleyman Yalcin; Yasemin Cosgun; Yasemin Cosgun
EPI_ISL_3690636	Mitchells Plain Hospital wc MPH	NHLS/UCT	Arash Iranzadeh; Bruna Galvao; Carolyn Williamson; Deelan Doolabh; Diana Hardie; Gert Marais; Innocent Mudau; Lynn Tyers; Marvin Hsiao; Rageema Joseph; Stephen Korsman
EPI_ISL_3919765, EPI_ISL_3919771	Molecular diagnostic laboratory of Federal Budget Institution of Science "Central Research Institute of Epidemiology" of The Federal Service on Customers' Rights Protection and Human Well-being Surveillance	Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemiology	Akimkin V.G.; Buharina A.Y.; Kondrasheva L.Y.; Korneenko E.V.; Nadtoka M.I.; Roev G.V.; Samoilov A.E.; Shipulina O.Y.; Sinityn S.O.; Smirnova Y.S.; Speranskaya A.S.; Vyhodceva A.V.
EPI_ISL_2899865	N.F. Gamaleya Research Center for Epidemiology and Microbiology	WHO National Influenza Centre Russian Federation	Alexander Gintsburg; Alexey Shchetinin; Alina Odintsova; Andrei Botikov; Andrei Pochtovyi; Andrei Siniavin; Andrey Komissarov; Anna Kovyrshina; Artem Fadeev; Artem Tkachuk; Daria Danilenko; Denis Kleymenov; Denis Logunov; Dmitry Lioznov; Dmitry Shcheblyakov; Elena Mazunina; Elena Nabieva; Elena Shidlovskaya; Elizaveta Divisenko; Evgeniia Bykonja; Georgii Bazykin; Inna Dolzhikova; Kirill Varchenko; Ksenia Safina; Kseniya Komissarova; Liubov Popova; Ludmila Vasilchenko; Maria Nikiforova; Maria Pisareva; Mikhail Bakae; Nadezhda Kuznetsova; Nikita Yolshin; Oula Mansour; Tamila Musaeva; Veronika Eder; Vladimir Gushchin
EPI_ISL_3813666, EPI_ISL_4060373, EPI_ISL_4060392	NC State Laboratory of Public Health	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Alex Burgin; Ben Rambo-Martin; Clinton Paden; Dakota Howard; Dave Wentworth; Dhvani Batra; Jasmine Padilla; Justin Lee; Krista Queen; Kristen Knipe; Kristine Lacey; Mark Burroughs; Matthew Schmerer; Meghan Bentz; Mill Sheth; Peter Cook; Sam Shepard; Sarah Nobles; Suxiang Tong; Vivien Dugan; Yvette Unoarumhi
EPI_ISL_3370632, EPI_ISL_3370633, EPI_ISL_3370644, EPI_ISL_3370646, EPI_ISL_3370647, EPI_ISL_3370648, EPI_ISL_3370649, EPI_ISL_3370656, EPI_ISL_3370661, EPI_ISL_3370662, EPI_ISL_3370663, EPI_ISL_3370664, EPI_ISL_3370665			
see above	NCSLPH	NCSLPH	Chase K; Glover W; Greene S; Miller MC
EPI_ISL_3722230	NHLS Charlotte Maxeke Johannesburg Hospital	KRISP, KZN Research Innovation and Sequencing Platform	Emmanuel S; Florette Treurnicht; Glandhari J; Kathleen Subramoney; Naidoo Yeshnee; Pillay S; Tegally H; Tshabuila Derek; Wilkinson E; Yajna Ramphal; de Oliveira T
EPI_ISL_2460984, EPI_ISL_2555767	National Centre for Disease Control (NCDC) Biotechnology Division, Delhi	NCDC Delhi, Biotechnology Division INSACOG	Hema Gogia; Hemlata Lall; Kalaiarasan Ponnusamy; Mahesh S Dhar; Manoj K Singh; Meena Datta; Partha Rakshit; Preeti Madan; Priyanka Singh; Radhakrishnan V. S; Robin Marwal; Sandhya Kabra; Sujeet K Singh; Uma Sharma
EPI_ISL_4446959, EPI_ISL_4446962, EPI_ISL_4446972, EPI_ISL_4446975, EPI_ISL_4459831, EPI_ISL_4460784, EPI_ISL_4460947, EPI_ISL_4460982, EPI_ISL_4462504, EPI_ISL_4462760, EPI_ISL_4462817, EPI_ISL_4462890			
see above	National Centre for Disease Control (NCDC) Biotechnology Division, Delhi - INSACOG	NCDC Delhi, Biotechnology Division -INSACOG	Hema Gogia; Hemlata Lall; Kalaiarasan Ponnusamy; Mahesh S Dhar; Manoj K Singh; Meena Datta; Partha Rakshit; Preeti Madan; Priyanka Singh; Radhakrishnan V. S; Robin Marwal; Sandhya Kabra; Sujeet K Singh; Uma Sharma
EPI_ISL_3219891	National Institute for Communicable Diseases of the National Health Laboratory Service	National Institute for Communicable Diseases of the National Health Laboratory Service	Amoako DG; Bhiman JN; Everatt J; Ismail A; Mahlangu B; Mnguni A; Mohale T; Ntuli N; Scheepers C
EPI_ISL_2308249, EPI_ISL_2566447	National Institute of Infectious Diseases- Prof. Dr. Matei Bals Molecular Diagnostics Laboratory	National Institute of Infectious Diseases-Prof. Dr. Matei Bals Molecular Diagnostics Laboratory	Andreea Tudor; Corina Casangiu; Dan Otelea; Leontina Banica; Marius Surleac; Ovidiu Vlaicu; Petre Milu; Robert Hohan; Simona Paraschiv
EPI_ISL_3425709, EPI_ISL_3425715, EPI_ISL_3425725, EPI_ISL_4443554, EPI_ISL_4443632, EPI_ISL_4443637, EPI_ISL_4443718, EPI_ISL_4468801, EPI_ISL_4468838, EPI_ISL_4468839			
see above	National Institute of Public Health	National Institute of Public Health	Alexander Nagy; Dusan Trnka; Helena Jirincova; Jaromira Vecerova; Timotej Suri
EPI_ISL_3588409, EPI_ISL_3940408, EPI_ISL_3940431, EPI_ISL_3940459, EPI_ISL_3940461, EPI_ISL_4275199, EPI_ISL_4275267			
see above	National Institute of Public Health	State Veterinary Institute Prague	Alexander Nagy; Helena Jirincova; Jaromira Vecerova; Lenka Cernikova; Martina Stara; Timotej Suri
EPI_ISL_3828110, EPI_ISL_3828316, EPI_ISL_3829602, EPI_ISL_4252913	National Laboratory for Health, Environment and Food, OMM, Celje	NLZOH (National Laboratory for Health, Environment and Food) / CISLD (Clinical Institute of Special Laboratory Diagnostics), University Children's Hospital, University Medical Center Ljubljana	Aleksander Kocuvan; Aleksander Mahnic; Alenka Štorman; Ana Grom; Barbara Jenko Bizjan; Daša Kavka / Jernej Kovač; Kaja Tominc; Katarina Kozmos; Maja Rupnik; Marko Pokorn; Maruša Debeljak; Mateja Borinc; Maša Jarčič; Nika Gobec; Robert Sket; Sandra Janežic; Tadej Battelino; Tine Tesovnik; Tjaša Zohar Čretnik
EPI_ISL_4195116	National Platform bis UMONS/jolimont	National Platform bis UMONS/jolimont	Eric Tarantino; Florian Juszcak; Gautier Detry; Guillaume Bayon-Vicente; Laetitia Gheysen; Ruddy Wattiez
EPI_ISL_4232135	National Public Health Institute of Liberia Reference Lab	Center for Infection and Immunity, Columbia University	Bode Shobayo; Jane MacCauley; Komal Jain; Mitali Mishra; Nischay Mishra; Thomas Briesse; W. Ian Lipkin
EPI_ISL_3590746, EPI_ISL_3716915, EPI_ISL_4031775, EPI_ISL_4031851	National Virus Reference Laboratory	National Virus Reference Laboratory	Charlene Bennett; Cillian F De Gascun; Gabriel Gonzalez; Jonathan Dean; Michael Carr; Zoe Yandle
EPI_ISL_3369804	Nemocnice Breclav	University Hospital Brno, CMBG	Jan Svaton; Kristyna Dufkova; Martina Lengerova; Matej Bezdicek; Pavlina Volfova
EPI_ISL_3021171, EPI_ISL_3825152	Nevada State Public Health Laboratory	Nevada State Public Health Laboratory	Andrew Gorzalski; Mark Pandori
EPI_ISL_4178299	Nigerian Centre for Disease Control (NCDC)	Africa Centre for Excellence for Genomics of Infectious Diseases (ACEGID), Redeemer's University	A.T.; Abechi; Ajogbasile; Akano; C.A.; C.T.; Eromon; F.V.; Folarin, O.; Happi; I.B.; J.N.; J.U.; K.O.; Kayode; Nosamiefan, I.; Oguzie; Olawoye; Olumade; Oluniyi; P.E.; P.S.; T.J.; Ugwu; Uwanibe
EPI_ISL_3176972, EPI_ISL_3420963, EPI_ISL_3421019, EPI_ISL_3571215, EPI_ISL_3571217, EPI_ISL_4306337, EPI_ISL_4306341, EPI_ISL_4306343, EPI_ISL_4306395			
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	Andrew Nelson; Brendan Payne; Clive Graham; Darren L Smith; Debra Padgett; Edward Barton; Emma Swindells; Garren Scott; Gary Black; Gary Eltringham; Giles S Holt; Greg R Young; Jane Greenaway; Jennifer Collins; John Allan; Joshua Loh; Lynn Dover; Matthew Bashton; Mohammad A Tariq; Paul Baker; Sarah Essex; Steve Liggett; Wen C Yew; Yusef Taha
EPI_ISL_4273910	Northwestern Memorial Hospital	Northwestern University - Center for Pathogen Genomics and Microbial Evolution	Chad J. Achenbach; Chao Qi; Egon A. Ozer; Judd F. Hultquist; Lacy M. Simons; Lawrence J. Jennings; Michael G. Ison; Ramon Lorenzo-Redondo; Taylor J. Dean
EPI_ISL_4136876, EPI_ISL_4136932, EPI_ISL_4315726	Originating lab: Wales Specialist Virology Centre Sequencing lab: Pathogen Genomics Unit	Public Health Wales Microbiology Cardiff Wales Specialist Virology Centre	Alec Birchley; Alexander Adams; Amy Gaskin; Angela Marchbank; Bree Gatica-Wilcox; Catherine Moore; Jason Coombes; Joanne Watkins; Joel Southgate; Johnathan Evans; Laura Gifford; Lauren Gilbert; Lee Graham; Malorie Perry; Matthew Bull; Nicole Pacchiarini; Sally Corden; Sara Kumziene-Summerhayes; Sara Rey; Sarah Taylor; Simon Cottrell; Sophie Jones; Tom Connor
EPI_ISL_3014041, EPI_ISL_3014043	Osp. S.Pertini	National Institute for Infectious Diseases (INMI) L. Spallanzani I.R.C.C.S	A Di Caro; B Bartolini; CEM Gruber; E Giombini; F Messina; F Santini; G Bonfiglio; M Rueca; MR Capobianchi; O Butera
EPI_ISL_3569611, EPI_ISL_3778372, EPI_ISL_3942917	Pandemic Response Lab - NYC	Pandemic Response Lab, R&D	Alex Carpio; Cybill del Castillo; Dylan Law; Haiping Hao; Henry Lee; Isabel Fernandez Escapa; Jon Laurent; Melissa Hopkins; Michael Hammerling; Pradeep Bugga; Shinyoung Clair Kang; Sol Rey; William Ward
EPI_ISL_4206657	Pathology, UAB	Pathology, UAB	E.J.; Hendrickson; Leal; Lefkowitz; Moates, D.; R.C.; S.M.; Van Der Pol; W.J.

EPI_ISL_3990339	Plateforme de testing Namuroise	Plateforme de testing Namuroise	Degossier Jonathan; Demars Aurore; Denis Olivier; Maschietto Céline; Mullier François; Nicolas Gilliard; Nobis Chloé; Otto Gaetan
EPI_ISL_4258409	Providence Santa Rosa Memorial Hospital Lab	Sonoma County Public Health Laboratory	Carlos Gonzalez; Iryna Goraichuk; Lisa Critchett; Rachel Rees
EPI_ISL_3117946, EPI_ISL_3117947, EPI_ISL_3452658, EPI_ISL_3997353, EPI_ISL_3997439	Public Health Authority of the Slovak Republic	Laboratory of Genomics and Bioinformatics, Comenius University Science Park	Anna Gičová; Diana Rusňáková; Jakub Styk; Jaroslav Budiš; Miroslav Böhmer; Tatiana Sediáčková; Tomáš Szemes
EPI_ISL_3982351, EPI_ISL_3982353, EPI_ISL_3982370, EPI_ISL_4057446	Public Health Authority of the Slovak Republic	Public Health Authority of the Slovak Republic	Anna Gičová; Barbora Kotvasová; Elena Tichá; Lucia Ševčíková; Miroslav Böhmer; Pavol Mišenko; Terézia Vrabčiová; Tomáš Szemes
EPI_ISL_2251805, EPI_ISL_2251849, EPI_ISL_2630860, EPI_ISL_2822332, EPI_ISL_2822891, EPI_ISL_3341701, EPI_ISL_3448433, EPI_ISL_3448696	see above	Public Health Ontario Laboratory	Aimin Li; Alireza Eshaghi; Andre Villegas; Ashleigh Sullivan; Christine Frantz; Dean Maxwell; Esha Joshi; Jared Simpson; Jennifer L Guthrie; Jonathan B Gubbay; Karthikeyan Sivaraman; Lawrence Heisler; Matthew Watson; Michael CY Li; Michael Laszloffy; Nahuel Fittipaldi; Philip Banh; Richard de Borja; Samir N Patel; Sandeep Nagra; Sandra Zittermann; Sarah Teatere; Vanessa G Allen; Yao Chen; Yogi Sundaravadanam
EPI_ISL_3352616, EPI_ISL_4021646, EPI_ISL_4459464, EPI_ISL_4459466	Quest Diagnostics Incorporated	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	A. Gerasimova; A. Perez; Adrian Paskey; B. Anderson; Benjamin Rambo-Martin; Christopher Gulvick; Clinton Paden; Clinton R. Paden; Dakota Howard; Darlene Wagner; Dhvani Batra; Duncan MacCannell; Erisa Sula; F. Lacbawan; I. A. Shlyakhter; I. Shlyakhter; Jason Caravas; K. Livingston; K.E. Livingston; Kara Moser; Kristine Lacey; L. Bernstein; L.E. Bernstein; M. Hua; Matthew Schmeer; P. Tanpaiboon; Peter Cook; Peter W. Cook; R. Kagan; R. M. Kagan; R. Owen; R. Rolando; R. V. Rolando; S. H. Rosenthal; S. Rosenthal; Sammons; Scott; Scott Sammons; Shatavia Morrison; Tymeckia Kendall; Victoria Caban Figueroa; Y. Liu; Yvette Unoarumhi
EPI_ISL_3447014	RM1/Osp. S.Filippo Neri	National Institute for Infectious Diseases (INMI) L. Spallanzani I.R.C.C.S	A Di Caro; B Bartolini; CEM Gruber; E Giombini; F Messina; F Santini; G Bonfiglio; M Rueca; MR Capobianchi; O Butera
EPI_ISL_3015303	Rajendra Memorial Research Institute of Medical Sciences, Patna	Institute of Life Sciences - INSACOG	Ajay Parida; Amol M. Kanampalliwar; Arup Ghosh; Atimukta Jha; INSACOG Consortium; Omprakash Shiriwass; Punit Prasad; Rajeeb Swain; Rupesh Dash; Safal Walia; Sana Fatma; Shifu Aggarwal; Sunil K. Raghav
EPI_ISL_4262467	Regional Medical Sciences Center 3 Nakhon Sawan	National Institute of Health, Department of Medical Sciences, Ministry of Public Health, Thailand	Archawin Rojanawiwat; Natchaya Khadsang; Nuttida Thongpramul; Pakorn Piromtong; Pilaluk Okada; Ratana Tachareonmuang; Siripaporn Phuynung; Sittiporn Parmmen; Sunthareeya Waichareon; Thanutsapa Thanadachakul; Warawan Wongboot; sirikanda wimol
EPI_ISL_2747162, EPI_ISL_3289698, EPI_ISL_3289887, EPI_ISL_3289921, EPI_ISL_3290912, EPI_ISL_3774347, EPI_ISL_3776473, EPI_ISL_3960377, EPI_ISL_3960833, EPI_ISL_4118131, EPI_ISL_4122420, EPI_ISL_4123002, EPI_ISL_4308938, EPI_ISL_4309064	see above	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	PHE Covid Sequencing Team
EPI_ISL_3237509, EPI_ISL_3237512, EPI_ISL_3237513	Robert Koch-Institut ZBS1 (Zentrum für biologische Gefahren und spezielle Pathogene hochpathogene Viren)	Robert Koch Institute	
EPI_ISL_4190323	Rosalind Franklin Laboratory	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Cordelia Langford; David K. Jackson; Dominic Kwiatkowski; Donald Fraser; Ewan Harrison; Ian Johnston; Jeffrey Barrett; John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team; Rob Howes; Roberto Amato; Sonia Goncalves; Suki Lee; The Rosalind Franklin Laboratory and Alex Alderton
EPI_ISL_4168856	SAE SERVICIO DE ATENDIMIENTO ESPECIALIZADO	Instituto Butantan	Antonio Jorge Martins; Claudia Renata dos Santos Barros; David Schlesinger; Debora Botequiu Moretti; Dimas Tadeu Covas; Elaine Cristina Marqueze; Elaine Vieira Santos; Evandra Strazza Rodrigues; Heidge Fukumasu; Jayme Augusto de Souza-Neto; José Salvatore Leister Patané; Luiz Alcantara; Luiz Lehmann Coutinho; Maria Carolina Elias; Maurício Lacerda Nogueira; Rafael dos Santos Bezerra; Raul Machado Neto; Rejane Maria Tommasini Grotto; Ricardo Haddad; Sandra Coccuzzo Sampaio Vessoni; Simone Kashima; Svetoslav Nanev Slavov; Vincent Louis Viala
EPI_ISL_3587810	SARS-CoV-2 Sequencing Castilla y Leon-Spain Consortium	SARS-CoV-2 Sequencing Castilla y Leon-Spain Consortium	Antonio Orduña-Domingo; Carlos Fuster Foz; Carmen Aldea-Mansilla; Carmen Gimeno Crespo; David Abad; Gabriel March Rosello; Gregoria Megías Lobón; Jose María Eiros Bouza; M. Isabel Fernandez-Natal; Marta Dominguez-Gil; Marta Hernandez; María Antonia García Castro; Mª Fe Brezmes-Valdivieso; Noelia Arenal Andrés; Silvia Rojo; Sonsoles Garcinuño Pérez
EPI_ISL_3923421	SC (UCO) Igiene e Sanità Pubblica, ASUGI, Trieste	SC (UCO) Igiene e Sanità Pubblica, ASUGI, Trieste	Barbone F; Braida C; Busetti M; D'Agaro P; Dal Monego S; Degasperi M; Fontana F; Licastro D; Marcello A; Piscianz E; Segat L
EPI_ISL_3947265	SC Dept of Health and Env. Control-Bureau of Laboratories	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Alex Burgin; Ben Rambo-Martin; Clinton Paden; Dakota Howard; Dave Wentworth; Dhvani Batra; Jasmine Padilla; Justin Lee; Krista Queen; Kristen Knipe; Kristine Lacey; Mark Burroughs; Matthew Schmeer; Meghan Bentz; Mili Sheth; Peter Cook; Sam Shepard; Sarah Nobles; Suxiang Tong; Vivien Dugan; Yvette Unoarumhi
EPI_ISL_3255880, EPI_ISL_3255891, EPI_ISL_3255915, EPI_ISL_3255955	SK-Roy Romanow Provincial Laboratory	National Microbiology Laboratory (NML)	Alanna Senecal; Amanda Lang; Anna Majer; Anneliese Landgraf; CanCOGen's metadata curation team; Darian Hole; Elsie Grudski; Gary Van Domselaar; Grace Seo; Jennifer Tanner; Jessica Minion; Kara Loos; Keith MacKenzie; Kirsten Biggar; Madison Chapel; Meredith Faires; Morag Graham; Natalie Knox; Nathalie Bastien; Philip Mabon; Public Health Agency of Canada CanCOGen team; Rachel DePaulo; Rhiannon Huzarewich; Russell Mandes; Ryan McDonald; Shari Tyson; Timothy Booth; Yan Li
EPI_ISL_3495284	SYNLAB MVZ Berlin	Robert Koch Institute	
EPI_ISL_3237437	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	
EPI_ISL_4037703, EPI_ISL_4222536, EPI_ISL_4222760, EPI_ISL_4229082	SYNLAB MVZ Leverkusen	Robert Koch Institute	
EPI_ISL_3715362, EPI_ISL_3877090	SYNLAB MVZ Trier	Robert Koch Institute	
EPI_ISL_3879751, EPI_ISL_4045239, EPI_ISL_4230765	SYNLAB MVZ Weiden	Robert Koch Institute	
EPI_ISL_3277676, EPI_ISL_3905887	Salud Digna	Instituto Nacional de Medicina Genomica	Abraham Campos-Romero; Cedro-Tanda A; Escobar-Arrazola MA; Herrera-Montalvo LA.; Hidalgo-Miranda A; Luna-Ruiz Marco; Mendoza-Vargas A; Moreno-Camacho José Luis; Munguia-Garza P; Ramirez-Vega O; Rangel-DeLeon D; Reyes-Grajeda JP; Rodriguez-Gallegos Jorge; Yair Alfaro-Mora
EPI_ISL_3912593, EPI_ISL_3912655, EPI_ISL_3912698	Sharp HealthCare Laboratory	Andersen lab at Scripps Research	Art Mendoza; Cathy Woerle; Jacquelyn Berumen; Liam McGinnis; Omid Bakhtar; SEARCH Alliance San Diego with Aaron Harding
EPI_ISL_3844073	Smimer Medical College, Surat	Gujarat Biotechnology Research Centre	Arpit Shukla; Bhadreshsinh Gohil; Chaitanya Joshi; Dinesh Kumar; Janvi Ravali; Madhvi Joshi; Manish Patel; Nimesh Patel; Nitin Shukla; Ramesh Pandit; Zarna Patel
EPI_ISL_4227505	Sonic - Labor Dr. von Froreich GmbH	Robert Koch Institute	
EPI_ISL_4197354	St. Anne's University Hospital Brno	University Hospital Brno, CMBG	Bezdíček Matej; Dolejška Monika; Kristýna Dufková; Lengerova Martina; Svaton Jan
EPI_ISL_3690963	Sweden/Vastragotland/Unilabs	Unilabs/Eskilstuna/Sweden	Emma Arvidsson
EPI_ISL_3783059, EPI_ISL_3785068, EPI_ISL_3785141, EPI_ISL_3785312, EPI_ISL_3786107, EPI_ISL_3786601, EPI_ISL_3789808, EPI_ISL_3984296, EPI_ISL_3984784, EPI_ISL_3985561, EPI_ISL_3985597, EPI_ISL_4108636, EPI_ISL_4336156, EPI_ISL_4336288, EPI_ISL_4336296	see above	Swedish national genomic surveillance program of SARS-CoV-2	Alma Brolund; Maria Lind Karlberg; Maximilian Riess; Swedish national genomic surveillance program of SARS-CoV-2
EPI_ISL_3506051, EPI_ISL_3507076, EPI_ISL_3507114, EPI_ISL_3507119, EPI_ISL_3507141, EPI_ISL_3507193	Synlab Eesti OÜ	1. Laboratory of Communicable Diseases (Estonia); 2. Eurofins Genomics Europe Sequencing GmbH	Liidia Dotsenko et al.
EPI_ISL_3866268, EPI_ISL_4071749, EPI_ISL_4071772	TXDSHS	TXDSHS	Anita Pokharel; Bonnie Oh; Chun Wang; Grace Kubin; Jenny Zhang; Karen Bobier; Lorraine Rodriguez; Maliha Rahman; Mayeja Pedrueza; Myong Koag; Rachel Lee; Rashmi Tuladhar
EPI_ISL_3926456	The National University Hospital of Iceland	deCODE genetics	Agnar Helgason; Alma Moller; Arna B Agustsdottir; Arnaldur Gylfason; Asgeir Sigurdsson; Aslaug Jonasdottir; Berglind Eiríksdóttir; Bjarni Thorbjörnsson; Brynjar O Jensson; Daniel F Gudbjartsson; Droplaug N Magnúsdóttir; Elisabet E Gardarsdóttir; Emil A Thorarensen; Gardar Sveinbjörnsson; Gisli Masson; Gudmundur Georgsson; Gudmundur L Norðdahl; Gudrun Sigmundsdóttir; Hakon Jonsson; Hannes Eggertsson; Hilma Holm; Ingileif Jónsdóttir; Jóna Saemundsdóttir; Kamilla S Jofsefsdóttir; Kari Stefánsson; Karl G Kristinnsson; Kjartan R Gudmundsson; Kristín E Sveinsdóttir; Kristján E Hjörleifsson; Louise le Roux; Maney Sveinsdóttir; Olafía S Gretarsdóttir; Ólafur T Magnússon; Pall Melsted; Patrick Sulem; Run Fridriksdóttir; Solvi Rognvaldsson; Thora R Gunnarsdóttir; Thordur Kristjánsson; Thorolfur Gudnason; Unnur Thorsteinsdóttir
EPI_ISL_3897528	The Ohio State University Applied Microbiology Services Laboratory	The Ohio State University Applied Microbiology Services Laboratory	Seth A. Faith PhD
EPI_ISL_4305706	The Roslin Institute and R(D)SVS, University of Edinburgh / Virology Department, Royal Infirmary of Edinburgh, NHS Lothian / School of Biological Sciences, University of	COVID-19 Genomics UK (COG-UK) Consortium	C; Colquhoun R; Cotton S; Dewar R; Fernandez G; Gallagher A; Hill V; Jackson B; Maloney D; McCrone JT; McHugh M; Newman; O'Toole Á; Rambaut A; Scher E; Tait-Burkhard C; Templeton K; Warr A; Yu X

EPI_ISL_3859725	Edinburgh UAB Medicina practica laboratorija	Hospital of Lithuanian University of Health Sciences (LSMU) Kaunas Clinics	Astra Vitkauskiene; Darius Cereskevicius; Inga Nasvytiene; Mantas Sarauskas; Marius Sukys; Rasa Ugenskiene; Renaldas Jurkevicius; Rima Vainoriene; Zivile Zemeckiene
EPI_ISL_3071781, EPI_ISL_3071786	UNILABS	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_3921418	Unidade de apoio ao diagnostico da COVID - UNADIG	Bioinformatics Laboratory / LNCC	Alessandra P Lamarca; Alexandra L Gerber; Amilcar Tanuri; Ana Paula de C Guimaraes; Ana Tereza R Vasconcelos; Andrea Cony Cavalcanti; Caio Luiz Pereira Ribeiro; Cintia Policarpo; Claudia Maria Braga de Mello; Cristiane Gomes da Silva; Douglas Terra Machado; Erica Ramos dos Santos Nascimento; Fernanda Leitaos Santos; Flavio Dias da Silva; Gleidson da Silva de Oliveira; Leandro Magalhaes de Souza; Liliane Cavalcante; Luiz G P de Almeida; Marcio Henrique de Oliveira Garcia; Mario Sergio Ribeiro; Ricardo Jose Barbosa Salviano; Ronaldo da Silva F Jr; Silvia Carvalho
EPI_ISL_2735058	University College London, Great Ormond Street Hospital for Children NHS Foundation Trust, Imperial College Healthcare NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Alison Holmes; Charlotte Williams; Helena Tutill; Jacqueline Findlay; James Price; Judith Breuer; Julianne Brown; Kathryn Harris; Leysa Forrest; Mark Kristiansen; Paola Niola; Paola Resende Silva; Patricia Dyal; Paul Randell; Rachel Williams; Samuel Weeks; Sergi Castellano; Sunando Roy; Tony Brooks; Yasmin Panchbhaya
EPI_ISL_3332268	University Hospital Brno, OKMI	University Hospital Brno, CMBG	Jan Svatov; Kristyna Dufkova; Martina Lengerova; Matej Bezdicek; Pavlina Volfova
EPI_ISL_3546057, EPI_ISL_3546123	University Hospitals of Geneva, Laboratory of Virology	HUG, Laboratory of Virology and the Health2030 Genome Center	Aline Mamin; Ana Rita Gonçalves; Cedric Howald; Deborah Penet; Francisco Perez; Henri Pegeot; Ioannis Xenarios; Keith Harshman; Laurent Kaiser; Lorenzo Cerutti; Melyssa Elies; Samuel Cordey
EPI_ISL_3655930	University of Florida Health Pathology Laboratories	Salemi Lab, University of Florida	Cash MN; Lauzardo M; Magalis BR; Mavian C; Riva A; Salemi M; Tagliamonte M
EPI_ISL_4279452, EPI_ISL_4279557	University of Mississippi Medical Center, Department of Pathology	University of Mississippi Medical Center, Molecular and Genomics Core Facility	Ashley C. Johnson; D. Ashley Robinson; Derrick D. Allen; Ithiel J. Frame; Krishna K. Ayyalasomayajula; Michael R. Garrett; Wenjie Wu
EPI_ISL_3270728	Università Federico II - Dipartimento di scienze mediche traslazionali - Napoli	Telethon Institute of Genetics and Medicine (TIGEM)	Antonio Grimaldi Patrizia Annunziata Francesco Panariello Teresa Giuliano Michele Cennamo Valentina Bouche Chiara Colantuono Lucio Di Filippo Mariano Fiorenza Anna Manfredi Marcello Salvi Giuseppe Portella Andrea Ballabio Davide Cacchiarelli
EPI_ISL_3030463	Università degli Studi di Perugia	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Biagetti M; Calistri P; Camillonì B; Cammà C; Curini V; Delli Compagni E; Di Domenico M; Di Pasquale A; Giammarioni M; Lorusso A; Mangone I; Marccacci M; Mencacci A; Puglia I; Rinaldi A; Savini G; Scialabba S
EPI_ISL_4056375	Universität Zürich	Institute of Medical Virology	Alexandra Trkola; Annette Audigé; Catharine Aquino; Cyril Shah; Daniel Ehrsam; Gabriela Ziltener; Guido Bloemberg; Hubert Rehrer; Isabel Stürmer; Joel Wirz; Jon Huder; Jürg Böni; Kevin Steiner; Maria Grünberg; Maryam Zaheri; Michael Huber; Riccarda Capaul; Stefan Schmutz; Verena Kufner; Weihong Qi
EPI_ISL_3649403, EPI_ISL_4369610, EPI_ISL_4370128	UniversitätsSpital Zürich	Institute of Medical Virology	Alexandra Trkola; Annette Audigé; Catharine Aquino; Cyril Shah; Daniel Ehrsam; Gabriela Ziltener; Guido Bloemberg; Hubert Rehrer; Isabel Stürmer; Joel Wirz; Jon Huder; Jürg Böni; Kevin Steiner; Maria Grünberg; Maryam Zaheri; Michael Huber; Riccarda Capaul; Stefan Schmutz; Verena Kufner; Weihong Qi
EPI_ISL_2857244, EPI_ISL_3707066, EPI_ISL_3804975, EPI_ISL_4003810	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin L. Young; John Arnn; Kelly F. Oakeson; Olinto Linares-Perdomo; Pooja Gupta; Tara Gallagher
EPI_ISL_3233041	VICTORIA HOSPITAL	INSACOG-KA, NIMHANS	Ananthapadmanabha Kotambail; Anita S Desai; Anson Kunjumon George; Chetan G K; Chitra Pattabiraman; Darshan Sreenivas; Ellango Ramasamy; Gautham Arunachal Udupi; Mahesh Kumar.C.S; Sony Sharma; V Ravi
EPI_ISL_4137581	Viesoji istaiga Respublikine Panevezio ligonine	National Public Health Surveillance Laboratory	Ana Steponkiene; Danas Baksa; Jelena Razmuk; Lukas Vasionis; Lukas Zemaitis; Migle Gabrielaitė; Svajune Muralyte
EPI_ISL_4425460, EPI_ISL_4425569, EPI_ISL_4425684	Viesoji istaiga Respublikine Siauliu ligonine	Hospital of Lithuanian University of Health Sciences (LSMU) Kaunas Clinics	Astra Vitkauskiene; Darius Cereskevicius; Inga Nasvytiene; Kristina Aleknaviene; Mantas Sarauskas; Marius Sukys; Rasa Ugenskiene; Renaldas Jurkevicius; Rima Vainoriene; Rimvydas Jonikas; Zivile Zemeckiene
EPI_ISL_3345798, EPI_ISL_3345839, EPI_ISL_4412370	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Andrea Patrignani; Andrea Cabral de Gouvea; Catharine Aquino; Chaoran Chen; Christian Beisel; Christiane Beckmann; Christoph Noppen; Daniel Ehrsam; Doris Popovic; Elodie Burcklen; Griffin White; Ina Nissen; Isabel Stürmer; Ivan Topolsky; Jay Tracy; Kim Philipp Jablonski; Lara Fuhrmann; Laura Neff; Lennart Opitz; Louis du Plessis; Maria Domenica Moccia; Maurice Redondo; Mirjam Feldkamp; Natascha Santacroce; Niko Beerwinkel; Olivier Kobel; Ralph Schlapbach; Rebecca Denes; Sarah Nadeau; Simon Grüter; Tanja Stadler; Timothy Sykes
EPI_ISL_4000232	Virginia Division of Consolidated Laboratory Services	Virginia Division of Consolidated Laboratory Services	Virginia Division of Consolidated Laboratory Services
EPI_ISL_4223340	Virologisches Institut des Universitätsklinikums Erlangen	Robert Koch Institute	
EPI_ISL_3420458, EPI_ISL_3420459, EPI_ISL_3771587, EPI_ISL_3958245	Virology Department, Royal Infirmary of Edinburgh, NHS Lothian / School of Biological Sciences, University of Edinburgh	COVID-19 Genomics UK (COG-UK) Consortium	Colquhoun R; Cotton S; Dewar R; Fernandez G; Gallagher A; Hill V; Jackson B; Maloney D; McCrone JT; McHugh M; O'Toole Á; Rambaut A; Scher E; Templeton K; Yu X
EPI_ISL_2900700, EPI_ISL_3001016, EPI_ISL_3077160, EPI_ISL_3176122, EPI_ISL_3176140, EPI_ISL_3420107	West of Scotland Specialist Virology Centre, NHSGGC / MRC-University of Glasgow Centre for Virus Research	COVID-19 Genomics UK (COG-UK) Consortium	Alasdair MacLean; Alice Broos; Ana da Silva Filipe; Antonia Ho; Daniel Mair; David L Robertson; Emma Thomson; Guy Mollet; Ioulia Tsatsani; James Shepherd; Jenna Nichols; Joseph Hughes; Kathy Li; Kathy Smollett; Kyriaki Nomikou; Lily Tong; Matthew Holden; Natasha Johnson; Rachel Blacow; Richard Orton; Rory Gunson; Sarah McDonald; Sharif Shaaban; Sreenu Vattipally; Stephen Carmichael
EPI_ISL_3556101, EPI_ISL_3556153, EPI_ISL_4072501, EPI_ISL_4072524, EPI_ISL_4072526, EPI_ISL_4463866	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Abigail C. Shockey; Alicia J. Mooney; Erika M. Hanson; Kelsey R. Florek; Richard Griesser; Sara Wagner; Tonya Danz
EPI_ISL_4085392	ZOTZ KLIMAS MVZ Düsseldorf-Centrum GbR UBAG für Labormedizin, Genetik, Zytologie, Pathologie	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Alexander Dilthey; Andreas Walker; Daniel Strelow; Jessica Nicolai; Jörg Timm; Katrin Hoffmann; Klaus Pfeffer; Lisanna Hülse; Malte Kohns Vasconcelos; Maximilian Damagnez; Nadine Lübke; Patrick Finzer; Rainer Zotz; Tobias Wienemann; Torsten Houwaart
EPI_ISL_3832649	Zdravotní ústav Ústí nad Labem	Institute of Medical Microbiology and Virology, University Hospital Carl Gustav Carus, TU Dresden	Alexa Laubner; Alexander Dalpke; Anett Zabzinski; Eva Patrasová; Fabian Rost; Grit Mehrtner; Ivana Stiborová; Jitka Pohořská; Johanna Beil; Lenka Šimůnková; Leo Büttner; Marlena Stadtmüller; Montserrat Palau de Miquel; Romana Mikešová; Susanne Reinhardt; Sylke Winkler; Sylvia Klemroth
EPI_ISL_4225634	amedes MVZ DIAMEDIS Sennestadt	Robert Koch Institute	
EPI_ISL_3713726	amedes Mediab Arnold Analytik MVZ GmbH	Robert Koch Institute	
EPI_ISL_3393396	laboratoire Belle Epine	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Alexandre Soulier; Christophe Rodriguez; Elisabeth Trawinski; Guillaume Gricourt; Jean-Michel Pawlowsky; Melissa N'Debi; Slim Fourati; Vanessa Demontant
EPI_ISL_4294372, EPI_ISL_4295412	unknown	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal; Bruno Lina; Gregory Destras; Gwendolyne Burfin; Hadrien Regue; Laurence Jossset; Martine Valette; Quentin Semanas