

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.

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EPI_ISL_2108737, EPI_ISL_2108817, EPI_ISL_2120670, EPI_ISL_2120779, EPI_ISL_2121818, EPI_ISL_2122020, EPI_ISL_2125827, EPI_ISL_2260789, EPI_ISL_2313845	see above	Robert Koch Institute	
EPI_ISL_2109742, EPI_ISL_2126150, EPI_ISL_2314097, EPI_ISL_2314284	Bioscientia Labor Wermsdorf Bioscientia MVZ Labor Karlsruhe GmbH	Robert Koch Institute Robert Koch Institute	
EPI_ISL_1970089, EPI_ISL_1970092, EPI_ISL_1970094, EPI_ISL_1970095, EPI_ISL_1970099, EPI_ISL_1970100, EPI_ISL_1970101, EPI_ISL_1970102, EPI_ISL_1970103, EPI_ISL_1970105, EPI_ISL_1970109, EPI_ISL_1970110, EPI_ISL_1970111, EPI_ISL_1970112, EPI_ISL_1970114, EPI_ISL_1970133, EPI_ISL_1970135, EPI_ISL_1970149, EPI_ISL_1970153, EPI_ISL_1970154, EPI_ISL_1970155, EPI_ISL_1970157, EPI_ISL_1970158, EPI_ISL_1970159, EPI_ISL_1970160, EPI_ISL_1970163, EPI_ISL_1970164, EPI_ISL_1970168, EPI_ISL_1970169, EPI_ISL_1970170, EPI_ISL_1970171, EPI_ISL_1970172, EPI_ISL_1970179, EPI_ISL_1970215, EPI_ISL_1970221, EPI_ISL_1970223, EPI_ISL_1970224, EPI_ISL_1970237, EPI_ISL_1970238, EPI_ISL_1970239, EPI_ISL_1970241, EPI_ISL_1970242, EPI_ISL_1970243, EPI_ISL_1970247, EPI_ISL_1970249, EPI_ISL_1970250, EPI_ISL_1970251, EPI_ISL_1970267, EPI_ISL_1970269, EPI_ISL_1970274, EPI_ISL_1970276, EPI_ISL_1970277, EPI_ISL_1970278, EPI_ISL_1970279, EPI_ISL_1970281, EPI_ISL_1970286, EPI_ISL_1970288, EPI_ISL_1970310, EPI_ISL_1970313, EPI_ISL_1970314, EPI_ISL_1970318, EPI_ISL_1970319, EPI_ISL_1970323, EPI_ISL_1970324, EPI_ISL_1970327, EPI_ISL_1970328, EPI_ISL_1970332, EPI_ISL_1970333, EPI_ISL_1970334, EPI_ISL_1970335, EPI_ISL_1970336, EPI_ISL_1970337, EPI_ISL_1970340	see above		
EPI_ISL_2153476	Biotechnology Division, NCDC Delhi Botswana Harvard HIV Reference Laboratory	NCDC Delhi, Biotechnology Division Botswana Harvard HIV Reference Laboratory	Hema Gogia; Hemlata Lali; 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 Boitumelo Zuze; Botshelo Radibe; Dorcas Maruapula; Joseph Makhecha; Keoratlhe Ntshambiwa; Kgomotso Moruši; Legodile Kooepile; Madisa Mine; Mosepele Mosepele; Ontametse T. Bareng; Pamela Smith-Lawrence; Roger Shapiro; Shahin Lockman; Sikhulile Moyo; Simani Gaseitsiwe; Thongbotho Mphoyakgosi; Wonderful T. Choga
EPI_ISL_1743907, EPI_ISL_1744188, EPI_ISL_1744257, EPI_ISL_1786987, EPI_ISL_1825321, EPI_ISL_1825322, EPI_ISL_1825553, EPI_ISL_1825586, EPI_ISL_1918919, EPI_ISL_1968000, EPI_ISL_1968007, EPI_ISL_1968369, EPI_ISL_1968371, EPI_ISL_1968372, EPI_ISL_1968435, EPI_ISL_1971653, EPI_ISL_1971724, EPI_ISL_1971811, EPI_ISL_1971854, EPI_ISL_1971855, EPI_ISL_1971900, EPI_ISL_1971917, EPI_ISL_2096232, EPI_ISL_2096270, EPI_ISL_2096272, EPI_ISL_2096352, EPI_ISL_2096440, EPI_ISL_2096449, EPI_ISL_2096493, EPI_ISL_2096494, EPI_ISL_2096530, EPI_ISL_2096584, EPI_ISL_2103917, EPI_ISL_2103954, EPI_ISL_2103977, EPI_ISL_2103987, EPI_ISL_2104095, EPI_ISL_2104145, EPI_ISL_2104234, EPI_ISL_2104240, EPI_ISL_2104281, EPI_ISL_2104380, EPI_ISL_2192655, EPI_ISL_2192706, EPI_ISL_2192713, EPI_ISL_2192746, EPI_ISL_2192788, EPI_ISL_2192796, EPI_ISL_2192798, EPI_ISL_2192812, EPI_ISL_2192912, EPI_ISL_2192925, EPI_ISL_2192955, EPI_ISL_2192973, EPI_ISL_2193007, EPI_ISL_2193047, EPI_ISL_2193085, EPI_ISL_2193090, EPI_ISL_2193189, EPI_ISL_2193193, EPI_ISL_2193198, EPI_ISL_2193199, EPI_ISL_2311970, EPI_ISL_2311975, EPI_ISL_2311995, EPI_ISL_2312020, EPI_ISL_2312060, EPI_ISL_2312066, EPI_ISL_2312080, EPI_ISL_2312101, EPI_ISL_2312105, EPI_ISL_2312151, EPI_ISL_2312223, EPI_ISL_2312225, EPI_ISL_2312231, EPI_ISL_2312242, EPI_ISL_2312252, EPI_ISL_2312258, EPI_ISL_2312266, EPI_ISL_2312273, EPI_ISL_2312278, EPI_ISL_2312284, EPI_ISL_2312348, EPI_ISL_2312358, EPI_ISL_2312368, EPI_ISL_2312380, EPI_ISL_2312414, EPI_ISL_2312415, EPI_ISL_2312420	see above		
EPI_ISL_2131156 EPI_ISL_2170808, EPI_ISL_2170809, EPI_ISL_2170810	Broad Institute Clinical Research Sequencing Platform  Bundeswehrkrankenhaus Berlin CAP SARRIA	Infectious Disease Program, Broad Institute of Harvard and MIT  Bundeswehr Institute of Microbiology Banc de Sang i Teixits	Adams, G.; B. L.; B.W.; Bauer, M.; Birren; Blumenstiel, B.; Brown, C.; Carter, A.; Chaluwadi, S.; D.J.; DeFelice, M.; DeRuff, K.; Dodge, S.; Gabriel, S.; Gallagher, G.; Gladden-Young, A.; Granger, B.; J.E.; K.J.; Lagerborg, K.; Larkin, K.; Lee, M.; Lemieux; Lennon, N.; Loretz, C.; Madoff, L.; McGovern, S.; Meldrim, J.; Normandin, E.; P.C.; Park; Pearlman, L.; Reilly, S.; Rudy, M.; Sabeti; Siddie; Smole, S.; Tomkins-Tinch, C.; Vicente, G.; and MacInnis Alexandra Rehn; Enrico Georgi; Malena Bestehorn-Willmann; Markus Antwerpen; Mathias Walter; Mike Pillukat; Roman Wölfe; Sabine Zange Carlos Hobeich; Francisco Vidal; Irene Corrales; Lorena Ramirez; Maria Gloria Soria; Natàlia Comes; Nina Borràs; Noemí Gonzalez; Silvia Sauleada
EPI_ISL_2259850, EPI_ISL_2259953, EPI_ISL_2259962, EPI_ISL_2259990, EPI_ISL_2260028, EPI_ISL_2260038, EPI_ISL_2267952, EPI_ISL_2268083, EPI_ISL_2268136, EPI_ISL_2268239, EPI_ISL_2268308, EPI_ISL_2268322	see above	Robert Koch Institute	
EPI_ISL_2289683	CENTOGENE Frankfurt Laboratory: Niederlassung Industriepark Höchst CERBALLIANCE LAURENT DU VAR	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal; Bruno Lina; Bruno Simon; Gregory Destras; Gwendolyne Burfin; Hadrien Regue; Laurence Josset; Martine Valette; Quentin Semanas
EPI_ISL_2004296	CH Setubal	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_2248796, EPI_ISL_2248799, EPI_ISL_2248815, EPI_ISL_2248821, EPI_ISL_2248826, EPI_ISL_2248831, EPI_ISL_2248832, EPI_ISL_2248833, EPI_ISL_2248834	see above	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_2090827 EPI_ISL_2143486, EPI_ISL_2143633 EPI_ISL_2226348 EPI_ISL_2249174	CHLC CHOR CHU LILLE  CHU POITIERS CHULN - H Santa Maria	UMR PIMIT CHU Lille - Laboratoire de Virologie  CHU Poitiers Instituto Nacional de Saude (INSA) and Centro de Investigacao em Biodiversidade e Recursos Geneticos (CIBIO), Universidade do Porto	Dr Camille Lebarbenchon; Dr David A Wilkinson; Dr Patrick Mavingui; Magali Turpin AIT YAHYA Emilie; ALIDJINOUE Enagnon Kazali; BOCKET Laurence; CREPIN Michel; DEMAY Christophe; ENGELMANN Ilka; GEFFROY Sandrine; GUIGON Aurélie; LAMBERT Valérie; LAZREK Mouna; NOBILLIAUX Florian; PREVOST Brigitte; THUILLIER Caroline; TINEZ Claire Agnes BEBY-DEFAUX; Birama N'DIAYE; Caroline MICHAUD; Magali GARCIA; Manon PRAT; Maxime PICHON; Nicolas LEVEQUE; Valentin BON-BARET Borges et al
EPI_ISL_2102154 EPI_ISL_1663304, EPI_ISL_1663307, EPI_ISL_1663308, EPI_ISL_1663312	CHUV CIIMS, Bilaspur, Chhattisgarh	Laboratory of genomics and metagenomics Institute of Life Sciences - INSACOG	Claire Bertelli; Damien Jacot; Gilbert Greub; Sébastien Aebly; Trestan Pillonel Ajay Parida; Amol M. Kanampalliwar; Arup Ghosh; Atimukta Jha; INSACOG Consortium; Punit Prasad; Rajeeb Swain; Rupesh Dash; Safal Walia; Shifu Aggarwal; Sunil K. Raghav
EPI_ISL_2017662, EPI_ISL_2017663	CLILAB	Microbiology Department	Aida Gonzalez-Diaz; Carmen Ardanuy; Jordi Camara; Jordi Niubó; Laura Calatayud; M Angeles Dominguez; Miquel Fernandez-Huerta; Sara Marti
EPI_ISL_2227272	COVID-19 National Reference Laboratory, Pasteur Institute of Iran	Genetics Research Center, University of Social Welfare and Rehabilitation Sciences	Hossein Najmabadi.; Kimia Kahrizi; Mahsa Tavakoli; Marzieh Mohseni; Mohammad Hassan Pouriayevali; Mostafa Salehi-Vaziri; Tahmineh Jalali; Zohreh Fattahi
EPI_ISL_2227271	COVID-19 National Reference Laboratory, Pasteur Institute of Iran.	Genetics Research Center, University of Social Welfare and Rehabilitation Sciences	Hossein Najmabadi.; Kimia Kahrizi; Mahsa Tavakoli; Marzieh Mohseni; Mohammad Hassan Pouriayevali; Mostafa Salehi-Vaziri; Tahmineh Jalali; Zohreh Fattahi
EPI_ISL_2227204, EPI_ISL_2227268, EPI_ISL_2227269	COVID-19 National Reference Laboratoty, Pasteur Institute of Iran	Genetics Research Center, University of Social Welfare and Rehabilitation Sciences	Hossein Najmabadi.; Kimia Kahrizi; Mahsa Tavakoli; Marzieh Mohseni; Mohammad Hassan Pouriayevali; Mostafa Salehi-Vaziri; Tahmineh Jalali; Zohreh Fattahi
EPI_ISL_2227270	COVID-19 National Reference Laboratoty, Pasteur Institute of Iran.	Genetics Research Center, University of Social Welfare and Rehabilitation Sciences	Hossein Najmabadi.; Kimia Kahrizi; Mahsa Tavakoli; Marzieh Mohseni; Mohammad Hassan Pouriayevali; Mostafa Salehi-Vaziri; Tahmineh Jalali; Zohreh Fattahi
EPI_ISL_1942243	CQRC, QUALITY CONTROL CHEMICAL BIOLOGICAL RISK_AOOR Villa Sofia Cervello Palermo	CQRC, QUALITY CONTROL CHEMICAL BIOLOGICAL RISK_AOOR Villa Sofia Cervello Palermo	Bonvissuto, M.; Brunacci, G.; Buffa, V.; Contino, F.; Di Chiara, V.; Di Gaudio, F.; Di Scialfani, A.; Lungari, A.; Orlando, V.; Seidita, G.; Todaro, I.
EPI_ISL_1838398, EPI_ISL_1838463, EPI_ISL_1838549, EPI_ISL_1838603, EPI_ISL_1838604, EPI_ISL_1838606, EPI_ISL_1838607, EPI_ISL_1838608, EPI_ISL_1838609, EPI_ISL_1838611, EPI_ISL_1838612, EPI_ISL_1838614, EPI_ISL_1838642, EPI_ISL_1838645, EPI_ISL_1838646, EPI_ISL_1838647, EPI_ISL_1838648, EPI_ISL_1838649, EPI_ISL_1838650, EPI_ISL_1838651, EPI_ISL_1838656, EPI_ISL_1838659, EPI_ISL_1838660, EPI_ISL_1838671, EPI_ISL_1838672, EPI_ISL_1838673, EPI_ISL_1838676, EPI_ISL_1838677, EPI_ISL_1838693, EPI_ISL_1838694, EPI_ISL_1838787, EPI_ISL_1838805, EPI_ISL_1838806, EPI_ISL_1838809, EPI_ISL_1838811, EPI_ISL_1838812, EPI_ISL_1838814, EPI_ISL_1838828, EPI_ISL_1838843, EPI_ISL_1838867, EPI_ISL_2156833, EPI_ISL_2156836, EPI_ISL_2156837, EPI_ISL_2156840, EPI_ISL_2156843, EPI_ISL_2156844, EPI_ISL_2156845, EPI_ISL_2156846, EPI_ISL_2156849, EPI_ISL_2156851, EPI_ISL_2156852, EPI_ISL_2156856, EPI_ISL_2156857, EPI_ISL_2156858, EPI_ISL_2156859, EPI_ISL_2156860, EPI_ISL_2156862, EPI_ISL_2156863, EPI_ISL_2156864, EPI_ISL_2156865, EPI_ISL_2156866, EPI_ISL_2156867, EPI_ISL_2156868, EPI_ISL_2156869, EPI_ISL_2156870, EPI_ISL_2156874, EPI_ISL_2156875, EPI_ISL_2156876, EPI_ISL_2156877, EPI_ISL_2156878, EPI_ISL_2156879, EPI_ISL_2156880, EPI_ISL_2156882, EPI_ISL_2156884, EPI_ISL_2156885, EPI_ISL_2156886, EPI_ISL_2156887, EPI_ISL_2156891, EPI_ISL_2156892, EPI_ISL_2156893, EPI_ISL_2156894, EPI_ISL_2156895, EPI_ISL_2156898, EPI_ISL_2156899, EPI_ISL_2156900, EPI_ISL_2156901, EPI_ISL_2156902, EPI_ISL_2156905, EPI_ISL_2156906, EPI_ISL_2156907, EPI_ISL_2156908, EPI_ISL_2156913, EPI_ISL_2156939, EPI_ISL_2156940, EPI_ISL_2156941, EPI_ISL_2156942, EPI_ISL_2156943, EPI_ISL_2156944, EPI_ISL_2156948, EPI_ISL_2156949, EPI_ISL_2156950, EPI_ISL_2156958, EPI_ISL_2156964, EPI_ISL_2156968, EPI_ISL_2156969, EPI_ISL_2156970, EPI_ISL_2156971, EPI_ISL_2156972, EPI_ISL_2156973, EPI_ISL_2156974, EPI_ISL_2156975, EPI_ISL_2156976, EPI_ISL_2156977, EPI_ISL_2156978, EPI_ISL_2156979, EPI_ISL_2157000, EPI_ISL_2157001, EPI_ISL_2157010, EPI_ISL_2157017, EPI_ISL_2157018, EPI_ISL_2157036, EPI_ISL_2157037, EPI_ISL_2157038, EPI_ISL_2157039, EPI_ISL_2157044, EPI_ISL_2157046, EPI_ISL_2157047, EPI_ISL_2157050, EPI_ISL_2157051, EPI_ISL_2157053, EPI_ISL_2157054, EPI_ISL_2157057, EPI_ISL_2157058, EPI_ISL_2157060, EPI_ISL_2157063, EPI_ISL_2157065, EPI_ISL_2157066, EPI_ISL_2157067, EPI_ISL_2157068, EPI_ISL_2157076, EPI_ISL_2157077, EPI_ISL_2157078, EPI_ISL_2157079, EPI_ISL_2157080, EPI_ISL_2157082, EPI_ISL_2157085, EPI_ISL_2157093, EPI_ISL_2157099, EPI_ISL_2157102, EPI_ISL_2157103, EPI_ISL_2157104, EPI_ISL_2157105, EPI_ISL_2157106, EPI_ISL_2157107, EPI_ISL_2157111, EPI_ISL_2157112, EPI_ISL_2157113, EPI_ISL_2157114, EPI_ISL_2157118, EPI_ISL_2157119, EPI_ISL_2157120, EPI_ISL_2157121, EPI_ISL_2157123, EPI_ISL_2157125, EPI_ISL_2157129, EPI_ISL_2157130, EPI_ISL_2157154, EPI_ISL_2157155	see above		
EPI_ISL_1916411, EPI_ISL_1916414, EPI_ISL_1916417, EPI_ISL_1916424, EPI_ISL_1916433, EPI_ISL_1916434, EPI_ISL_1916446, EPI_ISL_1916454, EPI_ISL_1916456, EPI_ISL_1916464, EPI_ISL_1916465, EPI_ISL_1916468, EPI_ISL_1916475, EPI_ISL_1916486, EPI_ISL_1916489	CSIR-Centre for Cellular and Molecular Biology  CSIR-National Environmental Engineering Research Institute	CSIR-Centre for Cellular and Molecular Biology - INSACOG  CSIR-Centre for Cellular and Molecular Biology - INSACOG	Amareshwar Vodapalli; Ara Sreenivas; Archana Bharadwaj Silva; B Himasri; Blessy B John; Divya Tej Sowpati; Karthik Bharadwaj Tallapaka; Lamuk Zaveri; Onkar Kulkarni; Payel Mukherjee; Rakesh K Mishra; Sharath Chandra Thota; Shreekanth Verma; Sofia Banu; Tulasi Nagabandi; Valli Nagalakshmi Undamatla; Viswagithe S L Amareshwar Vodapalli; Ara Sreenivas; B Himasri; Divya Tej Sowpati; Karthik Bharadwaj Tallapaka; Krishna Khairmar; Lamuk Zaveri; Onkar Kulkarni; Rakesh K Mishra; Sharath Chandra Thota; Shreekanth Verma; Sofia Banu; Viswagithe S L
EPI_ISL_2105884 EPI_ISL_2228090 EPI_ISL_1663491	CSL, Maryland Department of Health CT Department of Public Health Capital hospital, Bhubaneswar	CSL, Maryland Department of Health CT Department of Public Health Institute of Life Sciences - INSACOG	Keller, E.; Loomis, J.; Low, K. Claire Pearson; Tu_N Nguyen Ajay Parida; Amol M. Kanampalliwar; Arup Ghosh; Atimukta Jha; INSACOG Consortium; Punit Prasad; Rajeeb Swain; Rupesh Dash; Safal Walia; Shifu Aggarwal; Sunil K. Raghav
EPI_ISL_1843777, EPI_ISL_1843874, EPI_ISL_1843894, EPI_ISL_2123120, EPI_ISL_2123158, EPI_ISL_2123187, EPI_ISL_2123202, EPI_ISL_2123224, EPI_ISL_2123237, EPI_ISL_2123266, EPI_ISL_2123293, EPI_ISL_2123341, EPI_ISL_2123353	see above	Robert Koch Institute	
EPI_ISL_1827727	Centogene; Dr. Bauer Laboratoriums GmbH Centralny Szpital Kliniczny MSWiA w Warszawie	Robert Koch Institute 1. Virogenetics Laboratory of Virology, Matojska Centre of Biotechnology, Jagiellonian University, 2. Intercollegiate Faculty of Biotechnology University of Gdansk and Medical University of Gdansk	Adam Sybilski; Anna Meier; Krystyna Bienkowska-Szewczyk; Krzysztof Pyrc; Lukasz Rabalski; Maciej Kosinski; Michał Hampel; Natalia Mazur-Panasiuk; Sławomir Butkiewicz

EPI_ISL_2002644	Centre Hospitalier Universitaire Clermont-Ferrand	CHU Clermont-Ferrand, service de virologie	Bisseux Maxime; Combes Patricia; Henquell Cécile; Mirand Audrey
EPI_ISL_2106967	Centre for DNA Fingerprinting and Diagnostics	CDFD -INSACOG	Ashwin Dalal; Asmita Gupta; Divya Vashisht; Murali Bashyam; Pratyusha Bala; Vinay Donipadi
EPI_ISL_1730922	Centre for Enzyme Innovation, University of Portsmouth / Translational Research Laboratory, Portsmouth Hospitals NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Angela Beckett; Christopher Fearn; Kate Cook; Katie Loveson; Salman Goudarzi; Samuel Robson; Scott Elliott; Sharon Glaysher
EPI_ISL_2240664	Centre for Enzyme Innovation, University of Portsmouth / Translational Research Laboratory, Portsmouth Hospitals NHS Trust / Hampshire Hospitals NHS Foundation Trust / Bournemouth University / University Hospitals Dorset NHS Foundation Trust / Brighton and Sussex University Hospitals NHS Trust / Dartford and Gravesham NHS Trust / Isle of Wight NHS Trust / Maidstone and Tunbridge Wells NHS Trust / University Hospital Southampton NHS Foundation Trust	COVID-19 Genomics UK (COG-UK) Consortium	Adhyana Mahanama; Allyson Lloyd; Andrew Butt; Angela Beckett; Anibolina Castigador; Anna Mantzouratou; Anoop Chauhan; Ben Macklin; Benjamin Cogger; Buddhini Samaraweera; Cassandra Malone; Christopher Fearn; Claire Thomas; Dorian Crudgington; Eleri Wilson-Davies; Emanuela Pelosi; Emily Macnaughton; Helen Umpleby; Helen Wheeler; Jacqui Prieto; Jonnie Seymour; Karen Withell; Kate Cook; Katie Loveson; Kelly Bicknell; Kevin Tucker; Kordo Saeed; Liz Sheridan; Magdalena Barrow; Matthew Harvey; Mohammed Hassan-Ibrahim; Nathan Moore; Nick Cortes; Rachael Jeremiah; Robert Impey; Salman Goudarzi; Samirakhon Raupova; Samuel Robson; Sarah Buchan; Sarah Jeremiah; Sarah Wylie; Scott Elliott; Sharon Glaysher; Siona Silvieri; Stephen Aplin; Stephen Kidd; Thea Sass
EPI_ISL_2228856, EPI_ISL_2228858, EPI_ISL_2228859	Cerballiance Paris IDF est Saint-Denis	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
EPI_ISL_1970348, EPI_ISL_1970349	Chongqing International Travel Health Care Center	Chongqing Municipal Center for Disease Control and Prevention	Dong Wang; Haiyan Wen; Hua Ling; Lan Zhou; Mingyue Wang; Rong Rong; Sheng Ye; Shuang Chen; Wenge Tang; Xingdan Luo; Yanqing Peng; Yun Tang; Zhangping Tan; Zhaohui Deng , Shuang Chen; Zhen Yu
EPI_ISL_1970347	Chongqing Yuzhong District Center For Disease Control And Prevention	Chongqing Municipal Center for Disease Control and Prevention	Hua Ling; Jiaqi Li; Mingyue Wang; Rong Rong; Sheng Ye; Shuang Chen; Wenge Tang; Yingbing Zhou; Yun Tang; Yuyue Luo; Zhangping Tan; Zhen Yu
EPI_ISL_2263203, EPI_ISL_2264591	Clemenshospital - Alexianer Clemenshospital Münster	Robert Koch Institute	
EPI_ISL_2100243, EPI_ISL_2100244, EPI_ISL_2100245, EPI_ISL_2100246, EPI_ISL_2100247	Clinical Hospital of Infectious and Tropical Diseases "Dr. Victor Babes"	Cantacuzino Institute Virology	Carmen Cherciu; Mihaela Lazar; Mihaela Oprea; Sorin Dinu
EPI_ISL_1965786	Clinical Microbiology Laboratory, NewYork Presbyterian Hospital/Columbia University Irving Medical Center	Uhlemann Laboratory, Columbia University Irving Medical Center	Anne Kelley; Anne-Catrin Uhlemann; Maya Tagliavia; Medini K. Annavajhala
EPI_ISL_1968884	Clinical Microbiology, Infection Prevention and Control	Section for Molecular Diagnostics	Björn Hallström; Jonas Björkman
EPI_ISL_1833679, EPI_ISL_1993840, EPI_ISL_1993870, EPI_ISL_1993871, EPI_ISL_1993872, EPI_ISL_1993906, EPI_ISL_1993918	Clinical Virology	Clinical Bacteriology	Adrian Egli; Alfredo Mari; Hans Hirsch; Helena MB Seth-Smith; Julia Bielicki; Karoline Leuzinger; Madlen Stange; Manuel Battegay; Tim Roloff
see above	Clinical Hospital of Infectious and Tropical Diseases "Dr. Victor Babes"	Cantacuzino Institute Virology	Carmen Cherciu; Mihaela Lazar; Mihaela Oprea; Sorin Dinu; Usein Codruta
EPI_ISL_2272780, EPI_ISL_2272781, EPI_ISL_2272783, EPI_ISL_2272784, EPI_ISL_2272785, EPI_ISL_2272786			
EPI_ISL_1935601	Cliniques universitaires Saint-Luc	UCLouvain/IREC/MBLG	Benoit Kabamba Mukadi; Eleonore Ngyuvula; Jean Ruelle
EPI_ISL_2309138, EPI_ISL_2309139, EPI_ISL_2309413, EPI_ISL_2309414, EPI_ISL_2309914, EPI_ISL_2309986, EPI_ISL_2310076, EPI_ISL_2310077, EPI_ISL_2310169, EPI_ISL_2310174, EPI_ISL_2310175, EPI_ISL_2310423, EPI_ISL_2310438, EPI_ISL_2310440, EPI_ISL_2310485, EPI_ISL_2310490, EPI_ISL_2310491, EPI_ISL_2310524, EPI_ISL_2310526, EPI_ISL_2310748, EPI_ISL_2310749, EPI_ISL_2310750, EPI_ISL_2311064, EPI_ISL_2311065, EPI_ISL_2311066, EPI_ISL_2311067, EPI_ISL_2311123	Colorado Department of Public Health and Environment	Colorado Department of Public Health and Environment	Alexandria Rossheiser; Diana Ir; Emily A. Travanty; Laura Bankers; Molly C. Hetherington-Rauth; Sarah Elizabeth Totten; Shannon R. Matzinger
see above	Colorado Department of Public Health and Environment	Colorado Department of Public Health and Environment	
EPI_ISL_1660421, EPI_ISL_1660425, EPI_ISL_1660426, EPI_ISL_1660427, EPI_ISL_1660429, EPI_ISL_1660430, EPI_ISL_1660432, EPI_ISL_1660442, EPI_ISL_1660445, EPI_ISL_1660447, EPI_ISL_1660448, EPI_ISL_1660450, EPI_ISL_1660456, EPI_ISL_1660458, EPI_ISL_1660459	Communicable Disease Laboratory, Public Health Directorate	Communicable Disease Laboratory, Public Health Directorate	AlAbbas, Z.; AlHujairi, Z.; Almoamen, G.; Alwasti, H.; Marhoon, A.
see above	Communicable Disease Laboratory, Public Health Directorate	Communicable Disease Laboratory, Public Health Directorate	
EPI_ISL_2228962	DE Public Health Laboratory	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Alison Laufer Halpin; Ben L. Rambo-Martin; Clinton R. Paden; Dakota Howard; Darlene Wagner; Dave Wentworth; Dhvani Batra; Jasmine Padilla; Justin Lee; Katie Dillon; Krista Queen; Kristen Knipe; Kristine Lacek; Mark Burroughs; Matthew Schmerer; Mili Sheth; Peter Cook; Sam Shepard; Sarah Nobles; Shoshona Le; Suxiang Tong; Vivien Dugan; Yvette Unorumhi
EPI_ISL_1337507	DOHMH Corona	New York City Public Health Laboratory	Jade Wang; et al.
EPI_ISL_2179186	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang; et al.
EPI_ISL_2179170	DOHMH PHL	New York City Public Health Laboratory	Jade Wang; et al.
EPI_ISL_2100635, EPI_ISL_2100636, EPI_ISL_2100637, EPI_ISL_2100638, EPI_ISL_2100639, EPI_ISL_2100640, EPI_ISL_2100641, EPI_ISL_2100642, EPI_ISL_2100643, EPI_ISL_2100644, EPI_ISL_2100645, EPI_ISL_2100646, EPI_ISL_2100647, EPI_ISL_2100648, EPI_ISL_2100649, EPI_ISL_2100650, EPI_ISL_2100651, EPI_ISL_2100652, EPI_ISL_2100653, EPI_ISL_2100654, EPI_ISL_2100655, EPI_ISL_2100656, EPI_ISL_2100657, EPI_ISL_2100658, EPI_ISL_2100659, EPI_ISL_2100660, EPI_ISL_2100661, EPI_ISL_2100662, EPI_ISL_2100663, EPI_ISL_2100664, EPI_ISL_2100665, EPI_ISL_2100666, EPI_ISL_2100667, EPI_ISL_2100668, EPI_ISL_2100669, EPI_ISL_2100670, EPI_ISL_2100671, EPI_ISL_2100672, EPI_ISL_2105576, EPI_ISL_2105577, EPI_ISL_2105578, EPI_ISL_2105579, EPI_ISL_2105580, EPI_ISL_2105581, EPI_ISL_2106198	Delhi North District	CSIR-Institute of Genomics and Integrative Biology	Animesh Ray; Asangala Kama; Ashwin Varadarajan; Ayush Goel; Bharatham Uppilli*; Devasish Desai; Manish Kumar; Mohammed Ahmed; Mohammed Faruq; Naveet Wig; Pooja Sharma*; Rajesh Pandey; Sarafaraz Alam; Saruchi Wadhwa; Satish Swain; Sheeba Saifi; Sushma Rajpoot; Umang Arora
see above	Delhi North District	CSIR-Institute of Genomics and Integrative Biology	
EPI_ISL_2266083	Department für Labormedizin Abteilung III Bereich Molekulare Diagnostik Universitätsklinikum Halle(Saale)	Robert Koch Institute	
EPI_ISL_2003343	Department of Clinical Microbiology	GIGA Medical Genomics	Bouchra Boujemla; Cécile Meex; Keith Durkin; Maria Artesi; Marie-Pierre Hayette; Nathalie Renotte; Pierrette Melin; Raphaël Boreux; Sébastien Bontems; Vincent Bours
EPI_ISL_2025798	Department of Clinical Microbiology and Center for Genomic Medicine, Rigshospitalet, Copenhagen, Denmark	Aalborg University	Danish Covid-19 Genome Consortium
EPI_ISL_1919364	Department of Medical Microbiology - section Molde, Molde Hospital	Norwegian Institute of Public Health, Department of Virology	Atiya R Ali; Debech Nadia; Engebretsen Serina Beate; Garcia Llorente Ignacio; Hilde Elshaug; Hilde Vollan; Jon Bråte; Kamilla Heddeland Instefjord; Karoline Bragstad; Kathrine Stene-Johansen; Marie Paulsen Madsen; Olav Hungnes; Pedersen Benedikte Nevjen; Rasmus Riis Kopperud
EPI_ISL_2125458, EPI_ISL_2125459, EPI_ISL_2238743	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Aminu S. Jahun; Ian Goodfellow; Iliana Georgana; Martin D. Curran; Myra Hosmillo; Rhys Izuagbe; Surendra Parmar; William L. Hamilton; Yasmin Chaudhry
EPI_ISL_2099869, EPI_ISL_2190101	Department of Public Health Bucharest	National Institute of Infectious Diseases-Prof. Dr. Matei Bals Molecular Diagnostics Laboratory	Andreea Tudor; Corina Casangiu; Dan Otelea; Leontina Banica; Marius Surleac; Ovidiu Vlaicu; Simona Paraschiv
EPI_ISL_2313086	Department of Virology	Department of Virology	Aamer Ikram; Adnan Haider; Massab Umair; Muhammad Ammar; Muhammad Salman
EPI_ISL_1861168, EPI_ISL_1866210, EPI_ISL_1868349, EPI_ISL_1868655, EPI_ISL_1868943, EPI_ISL_1869673, EPI_ISL_1871129, EPI_ISL_1871787, EPI_ISL_1872528, EPI_ISL_1873137, EPI_ISL_1874259, EPI_ISL_1881663, EPI_ISL_1885762, EPI_ISL_1885979, EPI_ISL_1890934, EPI_ISL_1896403, EPI_ISL_2023939, EPI_ISL_2024372, EPI_ISL_2024800, EPI_ISL_2024848, EPI_ISL_2024988, EPI_ISL_2024994, EPI_ISL_2025050, EPI_ISL_2025253, EPI_ISL_2026084, EPI_ISL_2026230, EPI_ISL_2026527, EPI_ISL_2026729, EPI_ISL_2026828, EPI_ISL_2027124, EPI_ISL_2027359, EPI_ISL_2027537, EPI_ISL_2027667, EPI_ISL_2027848, EPI_ISL_2028708, EPI_ISL_2028728, EPI_ISL_2028832, EPI_ISL_2172542, EPI_ISL_2172586, EPI_ISL_2172683, EPI_ISL_2172791, EPI_ISL_2173209, EPI_ISL_2173553, EPI_ISL_2174330, EPI_ISL_2174379, EPI_ISL_2174463, EPI_ISL_2174512, EPI_ISL_2174862, EPI_ISL_2175337, EPI_ISL_2175485, EPI_ISL_2175486, EPI_ISL_2175543, EPI_ISL_2175701, EPI_ISL_2175863, EPI_ISL_2176057, EPI_ISL_2176964, EPI_ISL_2177177, EPI_ISL_2177191, EPI_ISL_2177275, EPI_ISL_2177545, EPI_ISL_2178114, EPI_ISL_2296745, EPI_ISL_2296934, EPI_ISL_2297070, EPI_ISL_2297089, EPI_ISL_2297212, EPI_ISL_2298360, EPI_ISL_2298552, EPI_ISL_2298630, EPI_ISL_2298846, EPI_ISL_2299149, EPI_ISL_2299834, EPI_ISL_2299973, EPI_ISL_2299977, EPI_ISL_2299991, EPI_ISL_2300683, EPI_ISL_2300806, EPI_ISL_2300839	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Danish Covid-19 Genome Consortium	
see above	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Aalborg University	
EPI_ISL_1662291	Dept. Of Microbiology, Lt.. Baliram Kashyap Memorial Govt. Medical college, Dimrapal, Jagdalpur	Institute of Life Sciences - INSACOG	Ajay Parida; Amol M. Kanampaliwar; Arup Ghosh; Atimukta Jha; INSACOG Consortium; Punit Prasad; Rajeeb Swain; Rupesh Dash; Safal Walia; Shifu Aggarwal; Sunil K. Raghav
EPI_ISL_1994923	Dept. of Microbiology and Infection Control, Akershus University Hospital HF	Dept. of Microbiology and Infection Control, Akershus University Hospital HF	Alexander Hesselberg Lovestad; Hege Vangstein Aamot
EPI_ISL_2171267	Dhulikhel Hospital, Kathmandu University Hospital	Molecular and Genomics Research Lab, Dhulikhel Hospital, Kathmandu University Hospital	Dipesh Tamrakar; Meghnath Dhimai; Navin Adhikari; Nishan Katuwal; Pradip Gyanwali; Rajeev Shrestha; Saroj Bhattarai; Surendra Kumar Madhup
EPI_ISL_2314888, EPI_ISL_2315009	Diagnosticum - Labor Neukirchen	Robert Koch Institute	
EPI_ISL_2140365, EPI_ISL_2140366, EPI_ISL_2140367	Diagnostyka Sp. z o.o.	1. Tricity SARS-CoV-2 sequencing consortium: University of Gdansk, Medical University of Gdansk, Vaxican Ltd., Invicta Ltd. 2. National Institute of Public Health - National Institute of Hygiene, Warsaw, Poland	Celina Cybulska; Karolina Gackowska; Katarzyna Groth; Katarzyna Zacharczuk; Krystyna Bienkowska Szczwyc; Lukasz Rabalski; Maciej Grzybek; Maciej Kosinski; Magdalena Nowakowska; Malgorzata Sadkowska-Todys; Tomasz Wolkowicz
EPI_ISL_2115134, EPI_ISL_2115136, EPI_ISL_2115142, EPI_ISL_2115145	Dianovis GmbH Greiz	Robert Koch Institute	
EPI_ISL_2233090	Dinkes Samarinda	National Institute of Health Research and Development	Arie Ardiansyah Nugraha; Hana Apsari Pawestri; Hartanti Dian Ikawati; Kartika Dewi Puspa; Krisna Pangesti; Nelly Puspandari; Subangkit; Triyani Soekarso; Vivi Setiawaty

EPI_ISL_2145143, EPI_ISL_2145682, EPI_ISL_2145703, EPI_ISL_2145782	Dutch COVID-19 response team	Erasmus Medical Center	Anne van der Linden; Anнемiek van der Eijk; Bas Oude Munnink; Corine GeurtsvanKessel; David Nieuwenhuijse; Emmanuelle Munger; Irina Chestakova; Marion Koopmans; Marjan Boter; Reina Sikkema; Richard Molenkamp; on behalf of the Dutch national COVID-19 respo
EPI_ISL_1792906, EPI_ISL_1792907, EPI_ISL_1792922, EPI_ISL_1962940, EPI_ISL_1962944, EPI_ISL_1962964, EPI_ISL_1962965, EPI_ISL_1962966, EPI_ISL_2094352, EPI_ISL_2094353, EPI_ISL_2094354, EPI_ISL_2094386, EPI_ISL_2094387, EPI_ISL_2094388, EPI_ISL_2094389, EPI_ISL_2094390, EPI_ISL_2094391, EPI_ISL_2094392, EPI_ISL_2094393, EPI_ISL_2094394, EPI_ISL_2220505, EPI_ISL_2220507, EPI_ISL_2220513, EPI_ISL_2220515, EPI_ISL_2220518, EPI_ISL_2220520, EPI_ISL_2303934, EPI_ISL_2303935, EPI_ISL_2303972, EPI_ISL_2303973, EPI_ISL_2303974, EPI_ISL_2303975, EPI_ISL_2303976, EPI_ISL_2303977, EPI_ISL_2303980, EPI_ISL_2303981, EPI_ISL_2303982, EPI_ISL_2303983, EPI_ISL_2303984	Dutch COVID-19 response team	National Institute for Public Health and the Environment (RIVM)	Adam Meijer; AnneMarie van den Brandt; Annelies Kroneman; Bas van der Veer; Chantal Reusken; Dennis Schmitz; Dirk Eggink; Eunice Then; Florian Zwagemaker; Harry Vennema; James Groot; Jeroen Cremer; Karim Hajji; Kim Freriks; Linda van de Nes; Lisa Wijsman; Lynn Aarts; Melissa van Tuil; Robert Kohl; Rianne Jaarsma; Sanne Bos; Sharon van den Brink; Sjoerd Kulling; 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; AnneMarie van den Brandt; Annelies Kroneman; Bas van der Veer; Chantal Reusken; Dennis Schmitz; Dirk Eggink; Eunice Then; Florian Zwagemaker; Harry Vennema; James Groot; Jeroen Cremer; Karim Hajji; Kim Freriks; Linda van de Nes; Lisa Wijsman; Lynn Aarts; Melissa van Tuil; Robert Kohl; Rianne Jaarsma; Sanne Bos; Sharon van den Brink; Sjoerd Kulling; on behalf of the national COVID-19 response team
EPI_ISL_1913220	EL CAMINO HOSPITAL	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Department
EPI_ISL_2135481, EPI_ISL_2135482, EPI_ISL_2135484, EPI_ISL_2135485, EPI_ISL_2135487, EPI_ISL_2135488, EPI_ISL_2135490	Epimol – Molecular Epidemiology Group (UV-FISABIO)	SeqCOVID-SPAIN consortium/IBV(CSIC)	Maria Alma Bracho and SeqCOVID-SPAIN consortium
see above	Epimol – Molecular Epidemiology Group (UV-FISABIO)	SeqCOVID-SPAIN consortium/IBV(CSIC)	Maria Alma Bracho and SeqCOVID-SPAIN consortium
EPI_ISL_1845854, EPI_ISL_1846077, EPI_ISL_1846153, EPI_ISL_2110448, EPI_ISL_2110453, EPI_ISL_2110454, EPI_ISL_2110460, EPI_ISL_2110488, EPI_ISL_2110489, EPI_ISL_2110499, EPI_ISL_2110715, EPI_ISL_2110737, EPI_ISL_2123724, EPI_ISL_2123736, EPI_ISL_2123791, EPI_ISL_2123794, EPI_ISL_2123795, EPI_ISL_2123806, EPI_ISL_2259546, EPI_ISL_2259576, EPI_ISL_2259579, EPI_ISL_2259582, EPI_ISL_2314355, EPI_ISL_2314377, EPI_ISL_2315614, EPI_ISL_2315623, EPI_ISL_2315628, EPI_ISL_2315635, EPI_ISL_2315646, EPI_ISL_2316836, EPI_ISL_2316843, EPI_ISL_2316849, EPI_ISL_2316888, EPI_ISL_2316898, EPI_ISL_2316901, EPI_ISL_2316928, EPI_ISL_2316934, EPI_ISL_2316937, EPI_ISL_2316939, EPI_ISL_2316988, EPI_ISL_2316994, EPI_ISL_2317005, EPI_ISL_2317006, EPI_ISL_2317009, EPI_ISL_2317010, EPI_ISL_2317027, EPI_ISL_2317029, EPI_ISL_2317033	Epimol – Molecular Epidemiology Group (UV-FISABIO)	SeqCOVID-SPAIN consortium/IBV(CSIC)	Maria Alma Bracho and SeqCOVID-SPAIN consortium
see above	Eurofins LifeCodexx GmbH	Robert Koch Institute	
EPI_ISL_2316397, EPI_ISL_2316399, EPI_ISL_2316406, EPI_ISL_2316412	Eurofins MVZ Labor Gelsenkirchen	Robert Koch Institute	
EPI_ISL_2038893	Federal Budget Health Care Institution "Center of Hygiene and Epidemiology in Tver region"	Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemiology	Akimkin VG; Kaptelova VV; Kondrasheva LY; Korneenko EV; Melushenkova TG; Nadtoka MI; Saenko SS; Samoilov AE; Smirnova YS; Speranskaya AS; Tivanova EV
EPI_ISL_2230013, EPI_ISL_2246887, EPI_ISL_2246888, EPI_ISL_2246889	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Jason Blanton; Sarah Schmedes
EPI_ISL_2125018, EPI_ISL_2125024	Fraunhofer-Institut für Zelltherapie und Immunologie IZI AG Next-Generation Diagnostics	Robert Koch Institute	
EPI_ISL_2262310, EPI_ISL_2262315, EPI_ISL_2262318	Fraunhofer-Institut für Zelltherapie und Immunologie IZI AG Next-Generation Diagnostics	Robert Koch Institute	
EPI_ISL_1614854, EPI_ISL_1666166, EPI_ISL_1666372, EPI_ISL_1666373, EPI_ISL_1666377, EPI_ISL_1666379, EPI_ISL_1666384, EPI_ISL_1666437, EPI_ISL_1666438, EPI_ISL_1666447, EPI_ISL_1666495, EPI_ISL_1667140, EPI_ISL_1667317, EPI_ISL_1667332, EPI_ISL_1667390, EPI_ISL_1839105, EPI_ISL_1839106, EPI_ISL_1839341, EPI_ISL_1839348, EPI_ISL_1839441, EPI_ISL_1839578, EPI_ISL_1839605, EPI_ISL_1839969, EPI_ISL_1840029, EPI_ISL_1840145, EPI_ISL_1992039, EPI_ISL_1992110, EPI_ISL_1992125, EPI_ISL_1992133, EPI_ISL_1992137, EPI_ISL_1992142, EPI_ISL_1992240, EPI_ISL_1992245, EPI_ISL_1992266, EPI_ISL_1992270, EPI_ISL_1992271, EPI_ISL_1992272, EPI_ISL_1992302, EPI_ISL_1992395, EPI_ISL_1992594, EPI_ISL_1992684, EPI_ISL_1992823, EPI_ISL_1992943, EPI_ISL_1992993, EPI_ISL_1993014, EPI_ISL_1993031, EPI_ISL_1993033, EPI_ISL_1993034, EPI_ISL_1993068, EPI_ISL_1993069, EPI_ISL_1993113, EPI_ISL_1993142, EPI_ISL_1993160, EPI_ISL_1993161, EPI_ISL_1993163, EPI_ISL_1993240, EPI_ISL_1993295, EPI_ISL_1993297, EPI_ISL_2038558, EPI_ISL_2038729, EPI_ISL_2038753, EPI_ISL_2043610, EPI_ISL_2043635, EPI_ISL_2043736, EPI_ISL_2043746, EPI_ISL_2043905, EPI_ISL_2043918, EPI_ISL_2133939, EPI_ISL_2133949, EPI_ISL_2133987, EPI_ISL_2133992, EPI_ISL_2134010, EPI_ISL_2134011, EPI_ISL_2134012, EPI_ISL_2134013, EPI_ISL_2134065, EPI_ISL_2134067, EPI_ISL_2134078, EPI_ISL_2134105, EPI_ISL_2134126, EPI_ISL_2134268, EPI_ISL_2134296, EPI_ISL_2134343, EPI_ISL_2134346, EPI_ISL_2134347, EPI_ISL_2134421, EPI_ISL_2134475, EPI_ISL_2134533, EPI_ISL_2134535, EPI_ISL_2160766, EPI_ISL_2160771, EPI_ISL_2160774, EPI_ISL_2160792, EPI_ISL_2160804, EPI_ISL_2160840, EPI_ISL_2160848, EPI_ISL_2160849, EPI_ISL_2160889, EPI_ISL_2160900, EPI_ISL_2160980, EPI_ISL_2160946, EPI_ISL_2161002, EPI_ISL_2179878, EPI_ISL_2179901, EPI_ISL_2269218, EPI_ISL_2269230, EPI_ISL_2269231, EPI_ISL_2269237, EPI_ISL_2269239, EPI_ISL_2269243, EPI_ISL_2269249, EPI_ISL_2269317, EPI_ISL_2269326, EPI_ISL_2269337, EPI_ISL_2269391, EPI_ISL_2269392, EPI_ISL_2269393, EPI_ISL_2269394, EPI_ISL_2269396, EPI_ISL_2269449, EPI_ISL_2269450, EPI_ISL_2269451, EPI_ISL_2269454, EPI_ISL_2269456, EPI_ISL_2269457, EPI_ISL_2269485, EPI_ISL_2269488, EPI_ISL_2269513	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Adrian Paskey; Becky Tsai; Benafsh Sapra; Benjamin Rambo-Martin; Christopher Gulvick; Clinton R. Paden; Dakota Howard; Darlene Wagner; Dhvani Batra; Doreen Ng; Duncan MacCannell; Harry Gao; James Xie; Jason Caravas; John Gao; Joseph Fierro; Kara Moser; Matthew Schmerer; Mickey Li; Peter W. Cook; Scott Sammons; Shatavia Morrison; Yan Meng; Yvette Unoarumhi	
see above	Fulgent Genetics	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Adrian Paskey; Becky Tsai; Benafsh Sapra; Benjamin Rambo-Martin; Christopher Gulvick; Clinton R. Paden; Dakota Howard; Darlene Wagner; Dhvani Batra; Doreen Ng; Duncan MacCannell; Harry Gao; James Xie; Jason Caravas; John Gao; Joseph Fierro; Kara Moser; Matthew Schmerer; Mickey Li; Peter W. Cook; Scott Sammons; Shatavia Morrison; Yan Meng; Yvette Unoarumhi
EPI_ISL_2311861	Fundação Ezequiel Dias	Coordenação Geral de Laboratórios de Saúde Pública (CGLAB/DAEVS/SVS/MS)	Vagner Fonseca; et al.
EPI_ISL_1994063	Furst Medical Laboratory	Norwegian Institute of Public Health, Department of Virology	Atiya R Ali; Debech Nadia; Engebretsen Serina Beate; Garcia Llorente Ignacio; Hilde Elshaug; Hilde Volla; Jon Bråte; Kamilla Heddeland Instefjord; Karoline Bragstad; Kathrine Stene-Johansen; Marie Paulsen Madsen; Olav Hungnes; Pedersen Benedikte Nevjen; Rasmus Riis Kopperud
EPI_ISL_2311763	GA Department of Public Health Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Adam Retchless; Anna Kelleher; Anna Uehara; Brian Lynch; Clinton R. Paden; Dhvani Batra; Haibin Wang; Han Jia Justin Ng; Jasmine Padilla; Jing Zhang; Justin Lee; Krista Queen; Mark Burroughs; Mili Sheth; Morgan Davis; Peter Cook; Rachel Marine; Sarah Nobles; Suxiang Tong; Tara Coalter; Yan Li; Ying Tao
EPI_ISL_2001183, EPI_ISL_2001185, EPI_ISL_2001186, EPI_ISL_2017757	GMERS, Government Medical College (GMC), Gotri	Gujarat Biotechnology Research Centre	Bithika Duttaroy; Chaitanya Joshi; Dinesh Kumar; Janvi Raval; Madhvi Joshi; Nitesh Shah; Nitin Savaliya; Ramesh Pandit; Sonal Sharma; Twinkle Soni; Umang Mishra; Zarna Patel; Zuber Saiyed
EPI_ISL_2001139, EPI_ISL_2001143	GMERS, Government Medical College, Gandhinagar	Gujarat Biotechnology Research Centre	Chaitanya Joshi; Dinesh Kumar; Gaurishankar Shrimali; Janvi Raval; Madhvi Joshi; Nitesh Shah; Nitin Savaliya; Ramesh Pandit; Sonal Sharma; Twinkle Soni; Umang Mishra; Zarna Patel; Zuber Saiyed
EPI_ISL_1940019 EPI_ISL_1940072, EPI_ISL_1940074, EPI_ISL_1940075	GOVIMDRAJ NAGAR GOVINDRAJ NAGAR	inStem NCBS - INSACOG	Uma Ramakrishnan Dasaradhi Palakodeti Aswin SaiNarain Uma Ramakrishnan Dasaradhi Palakodeti Aswin SaiNarain
EPI_ISL_1940049, EPI_ISL_1940111	GOVINDRAJNAGAR	inStem NCBS - INSACOG	Uma Ramakrishnan Dasaradhi Palakodeti Aswin SaiNarain
EPI_ISL_1942249, EPI_ISL_2036272	Genome Centre	Genome Centre	A. S. M. Rubayet Ul Alam; Ali Ahsan Setu; Hassan M. Al-Emran; Hassan Md. Al-Emran; Iqbal Kabir Jahid; M. Anwar Hossain; M. Shamunir Rahman; M. Tanvir Islam; Md. Shazid Hasan; Md. Tanvir Islam; Ovinu Kibria Islam; Prosanto Kumar Das; Shovon Lal Sarkar; Tanay Chakrabarty
EPI_ISL_2248870, EPI_ISL_2248871, EPI_ISL_2248874	Germano de Sousa	Instituto Nacional de Saude (INSA)	Borges et al
EPI_ISL_2229105	Guam Public Health Laboratory	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Alison Laufer Halpin; Ben L. Rambo-Martin; Clinton R. Paden; Dakota Howard; Darlene Wagner; Dave Wentworth; Dhvani Batra; Jasmine Padilla; Justin Lee; Katie Dillon; Krista Queen; Kristen Knipe; Kristine Lacey; Mark Burroughs; Matthew Schmerer; Mili Sheth; Peter Cook; Sam Shepard; Sarah Nobles; Shoshona Le; Suxiang Tong; Vivien Dunan; Yvette Unoarumhi
EPI_ISL_2017789 EPI_ISL_2029113 EPI_ISL_2029114	Gujarat Biotechnology Research Centre HEGP - Laboratoire de Virologie	Gujarat Biotechnology Research Centre HEGP - Laboratoire de Virologie	Chaitanya Joshi; Dinesh Kumar; Janvi Raval; Madhvi Joshi; Nitesh Shah; Nitin Savaliya; Ramesh Pandit; Sonal Sharma; Twinkle Soni; Umang Mishra; Zarna Patel; Zuber Saiyed David Veyer; Hélène Péré; Julien Puech; Maxime Wack; Nicolas Robillard; Sandrine Imbeaud
EPI_ISL_1904989, EPI_ISL_1904992, EPI_ISL_1904994, EPI_ISL_1904998, EPI_ISL_2142418, EPI_ISL_2142435	HOPITAL SAINT ANDRE	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal; Bruno Lina; Bruno Simon; Gregory Destras; Gwendolynne Burfin; Hadrien Regue; Laurence Josset; Martine Valette; Quentin Semanas
EPI_ISL_1940001, EPI_ISL_1940002, EPI_ISL_1940003, EPI_ISL_1940008, EPI_ISL_1940011, EPI_ISL_1940013, EPI_ISL_1940014, EPI_ISL_1940015, EPI_ISL_1940062, EPI_ISL_1940064, EPI_ISL_1940067, EPI_ISL_1940068, EPI_ISL_1940112, EPI_ISL_1940113, EPI_ISL_1940114, EPI_ISL_1940118, EPI_ISL_1940119, EPI_ISL_1940123, EPI_ISL_1940127, EPI_ISL_1940128	HOSAHALLI	inStem NCBS - INSACOG	Uma Ramakrishnan Dasaradhi Palakodeti Aswin SaiNarain
see above	HOSAHALLI	inStem NCBS - INSACOG	Uma Ramakrishnan Dasaradhi Palakodeti Aswin SaiNarain
EPI_ISL_2134882, EPI_ISL_2134892, EPI_ISL_2134901, EPI_ISL_2134906, EPI_ISL_2134911, EPI_ISL_2134921, EPI_ISL_2134928, EPI_ISL_2134933	HOSPITAL UNIVERSITARIO SON ESPASES	HOSPITAL UNIVERSITARIO SON ESPASES	Antonio Oliver; Carla López-Causaped; Pablo Fraile-Ribot; SeqCovid
EPI_ISL_1831284, EPI_ISL_1831287, EPI_ISL_1831292, EPI_ISL_1831294, EPI_ISL_1831295, EPI_ISL_1831297, EPI_ISL_1831310, EPI_ISL_1831312, EPI_ISL_1831331, EPI_ISL_1831333, EPI_ISL_1831369, EPI_ISL_1831372, EPI_ISL_1831377, EPI_ISL_2005350, EPI_ISL_2005415, EPI_ISL_2005455, EPI_ISL_2005490, EPI_ISL_2005494, EPI_ISL_2005497, EPI_ISL_2005527, EPI_ISL_2005569, EPI_ISL_2005587, EPI_ISL_2006541, EPI_ISL_2006543, EPI_ISL_2006547, EPI_ISL_2006549, EPI_ISL_2006550, EPI_ISL_2006553, EPI_ISL_2006556, EPI_ISL_2006559, EPI_ISL_2006572, EPI_ISL_2006577, EPI_ISL_2006582, EPI_ISL_2006586, EPI_ISL_2006590, EPI_ISL_2006592, EPI_ISL_2006594, EPI_ISL_2006600, EPI_ISL_2006604, EPI_ISL_2006607, EPI_ISL_2006609, EPI_ISL_2006612, EPI_ISL_2006613, EPI_ISL_2006614, EPI_ISL_2006616, EPI_ISL_2006624, EPI_ISL_2006625, EPI_ISL_2006626, EPI_ISL_2006640, EPI_ISL_2006642, EPI_ISL_2006648, EPI_ISL_2006659, EPI_ISL_2006661, EPI_ISL_2022532, EPI_ISL_2022536, EPI_ISL_2022537, EPI_ISL_2022550, EPI_ISL_2022552, EPI_ISL_2022557, EPI_ISL_2022558, EPI_ISL_2022559, EPI_ISL_2022561, EPI_ISL_2022562, EPI_ISL_2022570, EPI_ISL_2022575, EPI_ISL_2080363, EPI_ISL_2080368, EPI_ISL_2080376, EPI_ISL_2080378, EPI_ISL_2080380, EPI_ISL_2080381, EPI_ISL_2080384, EPI_ISL_2080390, EPI_ISL_2080396, EPI_ISL_2080397, EPI_ISL_2080401, EPI_ISL_2080404, EPI_ISL_2080406, EPI_ISL_2080408, EPI_ISL_2080410, EPI_ISL_2080428, EPI_ISL_2080433, EPI_ISL_2080435, EPI_ISL_2080437, EPI_ISL_2080440, EPI_ISL_2080441, EPI_ISL_2080443, EPI_ISL_2080445, EPI_ISL_2080446, EPI_ISL_2080447, EPI_ISL_2080449, EPI_ISL_2080451, EPI_ISL_2080459, EPI_ISL_2080462, EPI_ISL_2080465, EPI_ISL_2080470, EPI_ISL_2080471, EPI_ISL_2138385, EPI_ISL_2138434, EPI_ISL_2138471, EPI_ISL_2138485, EPI_ISL_2138503, EPI_ISL_2138516, EPI_ISL_2138549, EPI_ISL_2138561, EPI_ISL_2138600, EPI_ISL_2138617, EPI_ISL_2186822, EPI_ISL_2138681, EPI_ISL_2138684, EPI_ISL_2235545, EPI_ISL_2235580, EPI_ISL_2235599, EPI_ISL_2235603, EPI_ISL_2235604, EPI_ISL_2235616, EPI_ISL_2235622, EPI_ISL_2235633, EPI_ISL_2235638, EPI_ISL_2235639, EPI_ISL_2235644, EPI_ISL_2235652, EPI_ISL_2235707, EPI_ISL_2235710, EPI_ISL_2235722, EPI_ISL_2235723, EPI_ISL_2235743, EPI_ISL_2235754, EPI_ISL_2235784, EPI_ISL_2235786, EPI_ISL_2235787, EPI_ISL_2235821, EPI_ISL_2235851	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Alison Laufer Halpin; Ben L. Rambo-Martin; Clinton R. Paden; Dakota Howard; Darlene Wagner; Dave Wentworth; Dhvani Batra; Jasmine Padilla; Justin Lee; Katie Dillon; Krista Queen; Kristen Knipe; Kristine Lacey; Mark Burroughs; Matthew Schmerer; Mili Sheth; Peter Cook; Sam Shepard; Sarah Nobles; Shoshona Le; Suxiang Tong; Vivien Dunan; Yvette Unoarumhi	
see above	Health Services Laboratories	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Cordeila Langford; David K. Jackson; Dominic Kwiatkowski; Ewan Harrison; Health Services Laboratories and Alex Alderton; Ian Johnston; Jeffrey Barrett; John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team; Roberto Amato; Sonia Goncalves
EPI_ISL_1592421, EPI_ISL_1592485, EPI_ISL_1615349, EPI_ISL_1679967, EPI_ISL_1680048, EPI_ISL_1690467, EPI_ISL_1735500, EPI_ISL_1797026, EPI_ISL_1797206, EPI_ISL_1803921, EPI_ISL_1804135, EPI_ISL_1804282, EPI_ISL_1907995, EPI_ISL_1923331, EPI_ISL_1923362, EPI_ISL_1923401, EPI_ISL_1923785, EPI_ISL_1923911, EPI_ISL_1924007, EPI_ISL_1924031, EPI_ISL_1942165, EPI_ISL_1990614, EPI_ISL_1990723, EPI_ISL_1990741, EPI_ISL_1990856, EPI_ISL_1990921, EPI_ISL_1991008, EPI_ISL_1991368, EPI_ISL_1991454, EPI_ISL_1991572, EPI_ISL_1991775, EPI_ISL_2009735, EPI_ISL_2010071, EPI_ISL_2010188, EPI_ISL_2010380, EPI_ISL_2010430, EPI_ISL_2010478, EPI_ISL_2010812, EPI_ISL_2010872, EPI_ISL_2097653, EPI_ISL_2097683, EPI_ISL_2097858, EPI_ISL_2098013, EPI_ISL_2144255, EPI_ISL_2144340, EPI_ISL_2144363, EPI_ISL_2144594, EPI_ISL_2145008, EPI_ISL_2145113, EPI_ISL_2145142, EPI_ISL_2145272, EPI_ISL_2145734, EPI_ISL_2159577, EPI_ISL_2159751, EPI_ISL_2159811, EPI_ISL_2159870, EPI_ISL_2160115, EPI_ISL_2160284, EPI_ISL_2160446, EPI_ISL_2160619, EPI_ISL_2160637, EPI_ISL_2187341, EPI_ISL_2247378, EPI_ISL_2247397, EPI_ISL_2247537, EPI_ISL_2247575, EPI_ISL_2247606, EPI_ISL_2247615, EPI_ISL_2247625, EPI_ISL_2247647, EPI_ISL_2247704, EPI_ISL_2248038, EPI_ISL_2248071, EPI_ISL_2248220, EPI_ISL_2248308, EPI_ISL_2248458, EPI_ISL_2269619, EPI_ISL_2269712, EPI_ISL_2269822, EPI_ISL_2270252, EPI_ISL_2270430, EPI_ISL_2270494, EPI_ISL_2270532, EPI_ISL_2270535, EPI_ISL_2270570, EPI_ISL_2270601, EPI_ISL_2270707, EPI_ISL_2270722, EPI_ISL_2270737	Health Services Laboratories	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Cordeila Langford; David K. Jackson; Dominic Kwiatkowski; Ewan Harrison; Health Services Laboratories and Alex Alderton; Ian Johnston; Jeffrey Barrett; John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team; Roberto Amato; Sonia Goncalves
see above	Helix/Illumina	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Adrian Paskey; Alexandre Bolze; Ary Ascencio; Benjamin Rambo-Martin; Brad Sickler; Charlotte Rivera-Garcia; Christine Tran; Christopher Gulvick; Clinton R. Paden; Dakota Howard; Darlene Wagner; David Becker; Dhvani Batra; Duncan MacCannell; Efrén Sandoval; Eileen de Feo; Elizabeth Curilli; Eli Allen; Geraint Levan; James Liu; Jan Antton; Jason Caravas; Jason Nykny; Jimmy Dumager; Jingtao Liu; Kara Moser; Kelly Schiabor Barrett; Kim Gietzen;

EPI_ISL_2029931, EPI_ISL_2188352, EPI_ISL_2188418, EPI_ISL_2188419, EPI_ISL_2188450, EPI_ISL_2188451, EPI_ISL_2188452, EPI_ISL_2293281, EPI_ISL_2293284, EPI_ISL_2293285, EPI_ISL_2293303, EPI_ISL_2293304, EPI_ISL_2293305, EPI_ISL_2293306, EPI_ISL_2293307, EPI_ISL_2293308, EPI_ISL_2293309			
see above	Hospital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Amaury Vaysses; Angela Brisebarre; Camille Capel; Christophe Malabat; Corinne Malfrais; Elodie Gleize; Etienne Simon-Lorière; Frédéric Lemoine; Hélène Roger; Laura Djamdjian; Louise Lefrançois; Marion Barbet; Maud Vanpeeine; Méline Bizard; Nabil Gastli; Pierre Lechat; Raphael Guheneuf; Sylvie Behillil; Sylvie Van der Werf; Vincent Enouf
EPI_ISL_1917450	Hospital Center Luxembourg	Laboratoire national de sante, Microbiology, Microbial Genomics Platform	Anke Wienecke-Baldacchino; Catherine Ragimbeau; Fatu Djabi; Jean-Hugues Francois; Jessica Tapp; Lise Pignon; Michel Kohnen; Raoul Salmon; Tamir Abdelrahman
EPI_ISL_2296705, EPI_ISL_2296706	Hospital General Universitario Gregorio Marañón	Hospital General Universitario Gregorio Marañón	Cristina Rodriguez-Grande; Dario García de Viedma; Laura Pérez-Lago; Patricia Muñoz; Pedro Sola Campoy; Pilar Catalán; Sergio Buenestado Serrano
EPI_ISL_2233382	Hospital Labuan	Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia	Azizan MA; Kamel K; Mohd Zawawi Z; Ramly N; Robert F; Suppiah J; Thayan R
EPI_ISL_1972570, EPI_ISL_2001050, EPI_ISL_2249246, EPI_ISL_2249247, EPI_ISL_2249248, EPI_ISL_2249249, EPI_ISL_2249252, EPI_ISL_2249253, EPI_ISL_2249255	Hospital Sharp	Microbial Genomics Laboratory	Alejandra Garcia-Gasca; Bruno Gomez-Gil; Daniel Fregoso-Rueda; Julissa Enciso-Ibarra
EPI_ISL_2047772, EPI_ISL_2047773, EPI_ISL_2162255, EPI_ISL_2162266, EPI_ISL_2162276, EPI_ISL_2284911, EPI_ISL_2284917, EPI_ISL_2284918, EPI_ISL_2284919, EPI_ISL_2284972	Hospital Universitari Vall d'Hebron - Vall d'Hebron Institut de Recerca	Hospital Universitari Vall d'Hebron - Vall d'Hebron Institut de Recerca	Alejandra González-Sánchez; Andrés Antón; Ariadna Rando; Carla Castillo; Cristina Andrés; Damir Garcia-Cehic; Josep Quer; Juliana Esperalba; Maria Carmen Martin; Maria Gema Codina; Maria Piñana; Tomàs Pumarola
see above	Hospital Universitari Vall d'Hebron - Vall d'Hebron Institut de Recerca	Hospital Universitari Vall d'Hebron - Vall d'Hebron Institut de Recerca	
EPI_ISL_1941681, EPI_ISL_1941875, EPI_ISL_2091014	Hospital Universitario Cruces	Biocrucres Bizkaia	Ana Belen de la Hoz; Mikel Gallego
EPI_ISL_2233095	Hotel Horizon	National Institute of Health Research and Development	Arie Ardiansyah Nugraha; Hana Apsari Pawestri; Hartanti Dian Ikawati; Kartika Dewi Puspa; Krisna Pangesti; Nelly Puspandari; Subangkit; Triyani Soekarso; Vivi Setiawaty
EPI_ISL_2313095, EPI_ISL_2313096	Houston Health Department, Disease Prevention and Control	Houston Health Department, Disease Prevention and Control	Brown, P.; Lai, Y.; Lara, A.; Penn, R.
EPI_ISL_2225235, EPI_ISL_2225238	Houston Methodist Hospital	Houston Methodist Hospital	Ilya J. Finkelstein; James J. Davis; Jessica Cambric; Jimmy Gollihar; Kristina Reppond; Layne Pruitt; Madison N. Shyer; Marcus Nguyen; Matthew Ojeda Saavedra; Paul A. Christensen; Prasanti Yerramilli; Randall J. Olsen; Robert Olson; Ryan Gadd; S. Wesley Long; Sishir Subedi; and James M. Musser
EPI_ISL_2151871, EPI_ISL_2228723, EPI_ISL_2228724	Hôpital Avicenne	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_2100187, EPI_ISL_2100188, EPI_ISL_2100190, EPI_ISL_2100195, EPI_ISL_2100216	ICMR-National Institute for Research In Tuberculosis	NIV Influenza	NIV; Potdar; Pune; Varsha on behalf of National Influenza Centre
EPI_ISL_2189572, EPI_ISL_2189596, EPI_ISL_2189638, EPI_ISL_2189639, EPI_ISL_2189641, EPI_ISL_2189642, EPI_ISL_2189643, EPI_ISL_2189644, EPI_ISL_2189646, EPI_ISL_2189649, EPI_ISL_2189650, EPI_ISL_2189652, EPI_ISL_2189654, EPI_ISL_2189656, EPI_ISL_2189657, EPI_ISL_2189658, EPI_ISL_2189663, EPI_ISL_2189669, EPI_ISL_2189670, EPI_ISL_2189676, EPI_ISL_2189679, EPI_ISL_2189678, EPI_ISL_2189731, EPI_ISL_2189738, EPI_ISL_2189744, EPI_ISL_2189748, EPI_ISL_2189755, EPI_ISL_2189761, EPI_ISL_2189765, EPI_ISL_2189766, EPI_ISL_2189768, EPI_ISL_2189770, EPI_ISL_2189772, EPI_ISL_2189773, EPI_ISL_2189778, EPI_ISL_2189780, EPI_ISL_2189786, EPI_ISL_2189787, EPI_ISL_2189788, EPI_ISL_2189791, EPI_ISL_2189792, EPI_ISL_2189795, EPI_ISL_2189796, EPI_ISL_2189800, EPI_ISL_2189803, EPI_ISL_2189806, EPI_ISL_2189809, EPI_ISL_2189810, EPI_ISL_2189811, EPI_ISL_2189813, EPI_ISL_2189817, EPI_ISL_2189817, EPI_ISL_2189818, EPI_ISL_2189819, EPI_ISL_2189823, EPI_ISL_2189825, EPI_ISL_2189827, EPI_ISL_2189828, EPI_ISL_2189829, EPI_ISL_2189830, EPI_ISL_2189831, EPI_ISL_2189834, EPI_ISL_2189836, EPI_ISL_2189837, EPI_ISL_2189840, EPI_ISL_2189841, EPI_ISL_2189843, EPI_ISL_2189845, EPI_ISL_2189849, EPI_ISL_2189850, EPI_ISL_2189852, EPI_ISL_2189857, EPI_ISL_2189859, EPI_ISL_2189860, EPI_ISL_2189863	NCDC Delhi, Biotechnology Division	A Walimbe; A.Awhale; A.Tittkare; B.Apoorva; G.Divekar; H.Kengale; Hema Gogia; Hemlata Lali; K P.Shinde; K.Iyengar; K.Korabu; Kalaiarasan Ponnusamy; M L Choudhary; M.Das; Mahesh S Dhar; Manoj K Singh; Meena Datta; Partha Rakshit; Preeti Madan; Priyanka Singh; R.Verma; Radhakrishnan V. S; Robin Marwal; S Jadhav; S.Bhorekar; S.Jadhav; S.Shelkande; Sandhya Kabra; Sujeet K Singh; T.Sanjeevi; U.Saha; Uma Sharma; V Malik; V.Autude; V.Vipat; Z. Sayeed	
see above	ICMR-National Institute of Virology	NCDC Delhi, Biotechnology Division	
EPI_ISL_1703662, EPI_ISL_1703668, EPI_ISL_1703740, EPI_ISL_1703748, EPI_ISL_1704234, EPI_ISL_1704561, EPI_ISL_1704605, EPI_ISL_1704617, EPI_ISL_1704618, EPI_ISL_1704620, EPI_ISL_1704625, EPI_ISL_1704626, EPI_ISL_1704627, EPI_ISL_1704628, EPI_ISL_1704629, EPI_ISL_1704630, EPI_ISL_1704632, EPI_ISL_1704634, EPI_ISL_1704635, EPI_ISL_1704636, EPI_ISL_1704637, EPI_ISL_1704638, EPI_ISL_1704639, EPI_ISL_1841240, EPI_ISL_1841241, EPI_ISL_1841242, EPI_ISL_1841243, EPI_ISL_1841244, EPI_ISL_1841245, EPI_ISL_1841246, EPI_ISL_1841247, EPI_ISL_1841248, EPI_ISL_1841249, EPI_ISL_1841250, EPI_ISL_1841251, EPI_ISL_1841252, EPI_ISL_1841256, EPI_ISL_1841258, EPI_ISL_1841259, EPI_ISL_1841260, EPI_ISL_1841261, EPI_ISL_1841262, EPI_ISL_1841263, EPI_ISL_1841264, EPI_ISL_1841265, EPI_ISL_1841266, EPI_ISL_1841267, EPI_ISL_1841268, EPI_ISL_1841269, EPI_ISL_1841270, EPI_ISL_1841271, EPI_ISL_1841272, EPI_ISL_1841273, EPI_ISL_1841274, EPI_ISL_1841275, EPI_ISL_1841276, EPI_ISL_1841279, EPI_ISL_1841280, EPI_ISL_1841281, EPI_ISL_1841282, EPI_ISL_1841283, EPI_ISL_1841284, EPI_ISL_1841285, EPI_ISL_1841293, EPI_ISL_1841317, EPI_ISL_1841318, EPI_ISL_1841355, EPI_ISL_1841356, EPI_ISL_1841357, EPI_ISL_1841365, EPI_ISL_1841366, EPI_ISL_1841367, EPI_ISL_1841370, EPI_ISL_1841371, EPI_ISL_1841372, EPI_ISL_1841373, EPI_ISL_1841375, EPI_ISL_1841382, EPI_ISL_1841383, EPI_ISL_1841387, EPI_ISL_1841407, EPI_ISL_1841437, EPI_ISL_1841438, EPI_ISL_1841439, EPI_ISL_1841457, EPI_ISL_1841462, EPI_ISL_1841463, EPI_ISL_1841464, EPI_ISL_1841465, EPI_ISL_1841466, EPI_ISL_1841467, EPI_ISL_1841468, EPI_ISL_1841469, EPI_ISL_1841470, EPI_ISL_1841471, EPI_ISL_1841472, EPI_ISL_1841473, EPI_ISL_1841474, EPI_ISL_1841475, EPI_ISL_1841476, EPI_ISL_1841477, EPI_ISL_1841478, EPI_ISL_1841479, EPI_ISL_1841480, EPI_ISL_1841481, EPI_ISL_1841482, EPI_ISL_1841483, EPI_ISL_1841484, EPI_ISL_1841485, EPI_ISL_1841486, EPI_ISL_1841487, EPI_ISL_1841488, EPI_ISL_1841489, EPI_ISL_1841490, EPI_ISL_1841491, EPI_ISL_1841492, EPI_ISL_1841493, EPI_ISL_1841494, EPI_ISL_1841495, EPI_ISL_1841496, EPI_ISL_1841497, EPI_ISL_1841498, EPI_ISL_1841499, EPI_ISL_1841500, EPI_ISL_1841501, EPI_ISL_1841502, EPI_ISL_1841503, EPI_ISL_1841504, EPI_ISL_1841505, EPI_ISL_1841506, EPI_ISL_1841507, EPI_ISL_1841508, EPI_ISL_1841509, EPI_ISL_1841510, EPI_ISL_1841511, EPI_ISL_1841512, EPI_ISL_1841513, EPI_ISL_1841514, EPI_ISL_1841515, EPI_ISL_1841516, EPI_ISL_1841517, EPI_ISL_1841518, EPI_ISL_1841519, EPI_ISL_1841520, EPI_ISL_2131521, EPI_ISL_2131522, EPI_ISL_2131523, EPI_ISL_2131524, EPI_ISL_2131525, EPI_ISL_2131526, EPI_ISL_2131527, EPI_ISL_2131528, EPI_ISL_2131529, EPI_ISL_2131530, EPI_ISL_2131531, EPI_ISL_2131532, EPI_ISL_2131533, EPI_ISL_2131534, EPI_ISL_2131536, EPI_ISL_2131537, EPI_ISL_2131538, EPI_ISL_2131539, EPI_ISL_2131540, EPI_ISL_2131541, EPI_ISL_2131542, EPI_ISL_2131543, EPI_ISL_2131544, EPI_ISL_2131546, EPI_ISL_2131547, EPI_ISL_2131548, EPI_ISL_2131549, EPI_ISL_2131550, EPI_ISL_2131551, EPI_ISL_2131552, EPI_ISL_2131553, EPI_ISL_2131554, EPI_ISL_2131555, EPI_ISL_2131556, EPI_ISL_2131557, EPI_ISL_2131558, EPI_ISL_2131559, EPI_ISL_2131560, EPI_ISL_2131561, EPI_ISL_2131562, EPI_ISL_2131563, EPI_ISL_2131564, EPI_ISL_2131565, EPI_ISL_2131566, EPI_ISL_2131567, EPI_ISL_2131568, EPI_ISL_2131569, EPI_ISL_2131570, EPI_ISL_2131571, EPI_ISL_2131572	ICMR-National Institute of Virology - INSACOG	NIV Influenza	NIV; Potdar; Pune; Varsha on behalf of National Influenza Centre
see above	ICMR-National Institute of Virology - INSACOG	NIV Influenza	
EPI_ISL_1825677	IHU Méditerranée Infection	IHU Méditerranée Infection	Bernard La Scola et al.
EPI_ISL_1722241	IMD - MVZ Labor Martinsried	Robert Koch Institute	
EPI_ISL_1848402, EPI_ISL_2112834	IMD Labor Frankfurt	Robert Koch Institute	
EPI_ISL_1994891, EPI_ISL_1994892, EPI_ISL_2134586, EPI_ISL_2134610	IN State Department of Health Laboratory Services	IN State Department of Health Laboratory Services	Brian Pope; Cassandra Campion; Jamie Yeadon; Kyle Brownlee; Lixia Liu; Mark Glazier; Melissa Hindenlang
EPI_ISL_2000617, EPI_ISL_2000619, EPI_ISL_2000620, EPI_ISL_2000621, EPI_ISL_2000622, EPI_ISL_2000623, EPI_ISL_2000624, EPI_ISL_2000625, EPI_ISL_2000626, EPI_ISL_2000627	INMI Lazzaro Spallanzani IRCCS	INMI Lazzaro Spallanzani IRCCS	A Di Caro; B Bartolini; CEM Gruber; E Giombini; F Messina; F Santini; G Bonfiglio; M Rueca; MR Capobianchi; O Butera
see above	INMI Lazzaro Spallanzani IRCCS		
EPI_ISL_2151096, EPI_ISL_2151097, EPI_ISL_2151098, EPI_ISL_2151099, EPI_ISL_2151100, EPI_ISL_2151101, EPI_ISL_2151102	INSACOG-Sikkim	National Institute of Biomedical Genomics - INSACOG	Arindam Maitra; Kaden Zangmu Bhutia; Nidhan Kumar Biswas; Saumitra Das; Sreedhar Chinnaswamy Tshering Ongmu Bhutia; Tara D Sharma
see above	INSACOG-Sikkim	National Institute of Biomedical Genomics - INSACOG	
EPI_ISL_1419152, EPI_ISL_1589660, EPI_ISL_1589667, EPI_ISL_1589674, EPI_ISL_1589690, EPI_ISL_1589718, EPI_ISL_1589834, EPI_ISL_1589835, EPI_ISL_1589867, EPI_ISL_1589868, EPI_ISL_1589869, EPI_ISL_1589870, EPI_ISL_1589871, EPI_ISL_1589872	INSACOG-WB	National Institute of Biomedical Genomics - INSACOG	Ajay Chakraborti; Arindam Maitra; Bhaswati Bandyopadhyay; Nidhan Kumar Biswas; Saumitra Das; Sreedhar Chinnaswamy; Tamal Ghosh
see above	INSACOG-WB	National Institute of Biomedical Genomics - INSACOG	
EPI_ISL_2090646	Idaho Bureau of Laboratories	Idaho Bureau of Laboratories	Aimee Cisneros; Christopher Ball; Matthew Charles Burns; R. Beukelman; Robert L. Voermans
EPI_ISL_1809681, EPI_ISL_2140020, EPI_ISL_2140036, EPI_ISL_2300398, EPI_ISL_2300529, EPI_ISL_2300597	Illinois Department of Public Health	Illinois Department of Public Health - Chicago Lab	Ira Heimler; Joel Price; Vineet K. Dhiman
EPI_ISL_2135087	Illinois Department of Public Health - Springfield Lab	Illinois Department of Public Health - Springfield Lab	Bryan Sim; Gordon McCall
EPI_ISL_1662451, EPI_ISL_1663553, EPI_ISL_1663554, EPI_ISL_1663555, EPI_ISL_1663557, EPI_ISL_1663561, EPI_ISL_1663562, EPI_ISL_1663563, EPI_ISL_1663564	Immunogenomics lab, Institute of Life Sciences, Bhubaneswar	Institute of Life Sciences - INSACOG	Ajay Parida; Amol M. Kanampalliwar; Arup Ghosh; Atimukta Jha; INSACOG Consortium; Punit Prasad; Rajeeb Swain; Rupesh Dash; Safal Wallia; Shifu Aggarwal; Sunil K. Raghav
see above	Indiana Animal Disease Diagnostic Laboratory	Carpi Laboratory - Purdue University	Abebe A Fola; G. Kenitira Hendrix; Giovanna Carpi; Ilmca I Ciubotariu; Jack Dorman; Jobin J Kattoor; Lev Gorenstein; Nicole M Perry; Rebecca P Wilkes
EPI_ISL_2304357, EPI_ISL_2304405, EPI_ISL_2304415, EPI_ISL_2304444, EPI_ISL_2304453, EPI_ISL_2304456			
EPI_ISL_2013703, EPI_ISL_2087219, EPI_ISL_2087232, EPI_ISL_2087519, EPI_ISL_2087590, EPI_ISL_2087703, EPI_ISL_2087762, EPI_ISL_2088485, EPI_ISL_2089042, EPI_ISL_2089192, EPI_ISL_2089221, EPI_ISL_2089293, EPI_ISL_2186510, EPI_ISL_2186522, EPI_ISL_2186603, EPI_ISL_2186947, EPI_ISL_2187138, EPI_ISL_2282452, EPI_ISL_2282534, EPI_ISL_2282565, EPI_ISL_2282836			

see above	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 R. Paden; Dakota Howard; Darlene Wagner; Dhwani Batra; Duncan MacCannell; Jason Caravas; Jonathan Schultz; Kara Moser; Matthew Schmerer; Peter W. Cook; Robin Grimwood; Russ Hager; Scott Sammons; Shatavia Morrison; Yihe Wang; Yvette Unoarumhi
EPI_ISL_2110643	Institut Pasteur du Maroc	Functional Genomics platform/CNRST	Abdelkrim Meziane Bellefquih; Alaoui Sanaa-amine; Chouati Taha; EL FAHIME Elmostafa; Elannaz Hicham; Ennibi Khalid; Hemlali Mouhsine; MERABET MOUAD; Maaroufi Abderrahmane; Melloul Marouane; NOURLIL Jalal; Touil Nadia; Youbi Mohammed
EPI_ISL_2277663, EPI_ISL_2277672 EPI_ISL_1760647	Institute for Infectious Diseases  Institute for Infectious Diseases, University of Bern, Switzerland	Institute for Infectious Diseases  Institute for Infectious Diseases, University of Bern, Switzerland	Alban Ramette; Christian Baumann; Cora Sägesser; Franziska Suter-Riniker; Miguel A Terrazos Miani; Pascal Bittel; Peter Keller; Stefan Neuenschwander; Stephen L Leib  Alban Ramette; Christian Baumann; Cora Sägesser; Franziska Suter-Riniker; Miguel A Terrazos Miani; Pascal Bittel; Peter Keller; Stefan Neuenschwander; Stephen L Leib
EPI_ISL_2180454, EPI_ISL_2180455, EPI_ISL_2180456, EPI_ISL_2180457, EPI_ISL_2284885, EPI_ISL_2284886, EPI_ISL_2284887, EPI_ISL_2284888, EPI_ISL_2284889, EPI_ISL_2284890, EPI_ISL_2284891, EPI_ISL_2284892, EPI_ISL_2284893, EPI_ISL_2284894, EPI_ISL_2304461, EPI_ISL_2304462, EPI_ISL_2304463, EPI_ISL_2304465	Institute of Epidemiology, Disease Control and Research (IEDCR)	IEDCR-ideSHI-icddr.b	Firdausi Qadri; Hassan Afrad; Manjur Hossain Khan; Sadia Rahman; Tahmina Shirin
see above EPI_ISL_1915436, EPI_ISL_1915437, EPI_ISL_1915439, EPI_ISL_1938475, EPI_ISL_1938476, EPI_ISL_1938477 EPI_ISL_2105565 EPI_ISL_1935543	Institute of Epidemiology, Disease Control and Research (IEDCR)  Institute of Microbiology and Immunology, Faculty of Medicine, University of Ljubljana	Institute for Developing Science and Health Initiatives (ideSHI)  ideSHI-IEDCR-icddr.b	Fidausi Qadri; Hassan Afrad; Sadia Rahman; Tahmina Shirin  Firdausi Qadri; Hassan Afrad; Manjur Hossain Khan; Sadia Rahman; Tahmina Shirin
EPI_ISL_1805024	Institute of Virology, Medical Center, University of Freiburg, Freiburg, Germany	Institute of Virology, Clinical Virus Genomics, Medical Center, University of Freiburg, Freiburg, Germany	Alen Suljić; Andraž Celar; Dominika Šturm; Doroteja Vlaij; Mario Poljak; Matic Brvar; Miša Korva; Patricija Pozvek; Samo Zakotnik; Tatjana Avšič – Županc; Tomaž Mark Zorec; Špela Pleh  Hajo Grundmann; Jonas Fuchs; Lena Jaki; Lisi Kern; Marcus Panning; Sandra Reuter
EPI_ISL_2290665, EPI_ISL_2290666	Invicta	1. National Institute of Public Health - National Institute of Hygiene, Warsaw, Poland 2. Biobank Lab, University of Lodz 3. Laboratory of Respiratory Viruses, Teaching and Clinical Center of the Medical University of Lodz	Dominik Strapagiel; Izabela Dróżd; Jakub Lach; Katarzyna Zacharczuk; Klaudyna Królikowska; Maciej Borowiec; Magdalena Nowakowska; Magdalena Traczyk-Borszyńska; Marcin Słomka; Marta Sobalska-Kwapis; Małgorzata Sadkowska-Todys; Tomasz Płoszaj; Tomasz Wolkowicz
EPI_ISL_2182923, EPI_ISL_2183026, EPI_ISL_2183029, EPI_ISL_2183057, EPI_ISL_2183059, EPI_ISL_2183060, EPI_ISL_2183112, EPI_ISL_2183694, EPI_ISL_2183702, EPI_ISL_2183704, EPI_ISL_2183721, EPI_ISL_2183727, EPI_ISL_2183736, EPI_ISL_2183749, EPI_ISL_2183777, EPI_ISL_2183779, EPI_ISL_2183802, EPI_ISL_2183805	Israel Central Virology laboratory	Israel National Consortium for SARS-CoV-2 sequencing	Dana Bar-Ilan; Efrat Dahan Bucris; Efrat Glick-Saar; Ella Mendelson; Gideon Rechavi; Michal Mandelboim; Miranda Geva; Neta Zuckerman; Netanel Abu; Omri Nayshool; Oran Erster; Orna Mor
EPI_ISL_2194237, EPI_ISL_2281907 EPI_ISL_1742834, EPI_ISL_2195974, EPI_ISL_2195975	Istituto Zooprofilattico Sperimentale del Mezzogiorno  J.W. Ruby Memorial Hospital	TIGEM  WVU and Marshall University Combined Genomics Core Facilities	Antonio Girmaldi 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 Cacciarelli  James Denvir; Peter Perrotta; Peter Stoilov; Ryan Percifield; Wesley Kimble
EPI_ISL_1939929, EPI_ISL_1939930, EPI_ISL_1939931, EPI_ISL_1939932, EPI_ISL_1939934, EPI_ISL_1939936, EPI_ISL_1939939, EPI_ISL_1939940, EPI_ISL_1939947, EPI_ISL_1939950, EPI_ISL_1939951, EPI_ISL_1939952, EPI_ISL_1939955, EPI_ISL_1939956, EPI_ISL_1939957, EPI_ISL_1939958, EPI_ISL_1939959, EPI_ISL_1939961, EPI_ISL_1939962, EPI_ISL_1939963, EPI_ISL_1939964, EPI_ISL_1939966, EPI_ISL_2272789, EPI_ISL_2272790, EPI_ISL_2272791, EPI_ISL_2272794, EPI_ISL_2272795, EPI_ISL_2272796, EPI_ISL_2272798, EPI_ISL_2272799, EPI_ISL_2272800, EPI_ISL_2272802, EPI_ISL_2272803, EPI_ISL_2272804, EPI_ISL_2272805, EPI_ISL_2272806, EPI_ISL_2272807, EPI_ISL_2272808, EPI_ISL_2272809, EPI_ISL_2272810, EPI_ISL_2272814, EPI_ISL_2272815, EPI_ISL_2272817, EPI_ISL_2272819, EPI_ISL_2272820, EPI_ISL_2272821, EPI_ISL_2272824, EPI_ISL_2272827, EPI_ISL_2272828, EPI_ISL_2272829, EPI_ISL_2272830, EPI_ISL_2272831, EPI_ISL_2272832, EPI_ISL_2272833, EPI_ISL_2272834, EPI_ISL_2272835, EPI_ISL_2272836, EPI_ISL_2272839, EPI_ISL_2272840, EPI_ISL_2272841, EPI_ISL_2272843, EPI_ISL_2272844, EPI_ISL_2272845, EPI_ISL_2272846, EPI_ISL_2272849, EPI_ISL_2272850, EPI_ISL_2272851, EPI_ISL_2272852, EPI_ISL_2272853, EPI_ISL_2272854, EPI_ISL_2272855, EPI_ISL_2272856, EPI_ISL_2272857, EPI_ISL_2272858, EPI_ISL_2272859, EPI_ISL_2272860, EPI_ISL_2272861, EPI_ISL_2272862, EPI_ISL_2272863, EPI_ISL_2272864, EPI_ISL_2272865, EPI_ISL_2272866, EPI_ISL_2272867, EPI_ISL_2272868, EPI_ISL_2272869, EPI_ISL_2272870, EPI_ISL_2272871, EPI_ISL_2272872, EPI_ISL_2272873, EPI_ISL_2272876, EPI_ISL_2272877, EPI_ISL_2272878, EPI_ISL_2272879, EPI_ISL_2272881, EPI_ISL_2272882, EPI_ISL_2272883, EPI_ISL_2272884, EPI_ISL_2272885, EPI_ISL_2272886, EPI_ISL_2272887, EPI_ISL_2272888, EPI_ISL_2272889, EPI_ISL_2272890, EPI_ISL_2272891, EPI_ISL_2272892, EPI_ISL_2272913, EPI_ISL_2272914, EPI_ISL_2272916, EPI_ISL_2272917, EPI_ISL_2272918, EPI_ISL_2272919, EPI_ISL_2272920, EPI_ISL_2272922, EPI_ISL_2272923, EPI_ISL_2272924, EPI_ISL_2272926, EPI_ISL_2272932, EPI_ISL_2272933, EPI_ISL_2272936, EPI_ISL_2272937	inStem NCBS - INSACOG  Jessa	Uma Ramakrishnan Dasaradhi Palakodeti Aswin SaiNarain  Berden et al. on behalf of the jessa_cmdLab; Cruys et al. on behalf of the jessa_cmdLab	
EPI_ISL_1753676, EPI_ISL_1922480, EPI_ISL_2007204 EPI_ISL_2248930, EPI_ISL_2248935 EPI_ISL_1662783	Joaquim Chaves Saude  Johns Hopkins Hospital Department of Pathology	Instituto Nacional de Saude (INSA)  Johns Hopkins Hospital Department of Pathology	Borges et al  Adannaya Amadi; C. Paul Morris; Chun Huai Luo; Heba H. Mostafa; Matthew Schwartz
EPI_ISL_1939969 EPI_ISL_1818617, EPI_ISL_1818618 EPI_ISL_1823618	KAMAKSHIPALYA KEMPEGOWDA INTERNATIONAL AIRPORT  KY State Public Health Lab	inStem NCBS - INSACOG INSACOG-KA, NIMHANS  Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Uma Ramakrishnan Dasaradhi Palakodeti Aswin SaiNarain Ananthapadmanabha Kotambail; Anita S Desai; Anson Kunjumon George; Chetan G K; Chitra Pattabiraman; Darshan Sreenivas; Gautham Arunachal Udupi; Pramada Prasad; V Ravi  Alison Laufer Halpin; Ben L. Rambo-Martin; Clinton R. Paden; Dakota Howard; Darlene Wagner; Dave Wentworth; Dhwani Batra; Jasmine Padilla; Justin Lee; Katie Dillon; Krista Queen; Kristen Knipe; Kristine Lacek; Mark Burroughs; Matthew Schmerer; Mili Sheth; Peter Cook; Sam Shepard; Sarah Nobles; Shoshona Le; Suxiang Tong; Vivien Dugan; Yvette Unoarumhi
EPI_ISL_1805463, EPI_ISL_1805464, EPI_ISL_1857081, EPI_ISL_2157216, EPI_ISL_2248749, EPI_ISL_2248750, EPI_ISL_2271720, EPI_ISL_2271721, EPI_ISL_2271722, EPI_ISL_2276096	Kansas Health and Environmental Lab Kansas Health and Environmental Lab	Kansas Health and Environmental Lab Wichita State University - Molecular Diagnostics Lab	Ben Olsen; Jonathan Barnell; Katherine Wiggins; Mike Grose; and Phil Adam Ben Olsen; Jonathan Barnell; Mike Grose; and Phil Adam
EPI_ISL_1791065, EPI_ISL_1791066	Kantonsspital Baden AG	Institute of Medical Virology, University of Zurich	Alexandra Trkola; Annette Audigé; Cyril Shah; Gabriela Ziltener; Guido Bloemberg; Jon Huder; Jürg Böni; Kevin Steiner; Maria Grünberg; Maryam Zaheri; Michael Huber; Riccarda Capaul; Stefan Schmutz; Verena Kufner
EPI_ISL_2233091, EPI_ISL_2233092, EPI_ISL_2233093, EPI_ISL_2233096, EPI_ISL_2233097, EPI_ISL_2233098, EPI_ISL_2233099, EPI_ISL_2233100, EPI_ISL_2233101, EPI_ISL_2233102, EPI_ISL_2233103, EPI_ISL_2233104, EPI_ISL_2233105	Kantor Kesehatan Pelabuhan Kelas II Cilacap	National Institute of Health Research and Development	Arie Ardiansyah Nugraha; Hana Aparsi Pawestri; Hartanti Dian Ikawati; Kartika Dewi Puspa; Krisna Pangesti; Nelly Puspandari; Subangkit; Triyani Soekarso; Vivi Setiawaty
EPI_ISL_2229272	LA Office of Public Health Laboratories	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Alison Laufer Halpin; Ben L. Rambo-Martin; Clinton R. Paden; Dakota Howard; Darlene Wagner; Dave Wentworth; Dhwani Batra; Jasmine Padilla; Justin Lee; Katie Dillon; Krista Queen; Kristen Knipe; Kristine Lacek; Mark Burroughs; Matthew Schmerer; Mili Sheth; Peter Cook; Sam Shepard; Sarah Nobles; Shoshona Le; Suxiang Tong; Vivien Dugan; Yvette Unoarumhi
EPI_ISL_1941773 EPI_ISL_2228674, EPI_ISL_2228675	LA SOURCE LABM Unilabs EYLAU Corbeil	Laboratory of genomics and metagenomics  Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Claire Bertelli; Damien Jacot; Gilbert Greub; Sebastian Aeb; Trestan Pilonen  Alexandre Soulier; Christophe Rodriguez; Elisabeth Trawinski; Guillaume Gricourt; Jean-Michel Pawlotsky; Melissa N'Debi; Slim Fourati; Vanessa Demontant
EPI_ISL_2313935 EPI_ISL_1904967, EPI_ISL_1904969, EPI_ISL_1904971, EPI_ISL_1904972, EPI_ISL_1904973, EPI_ISL_1904974	LABOR CHEMNITZ – Zentrum für Diagnostik am Klinikum Chemnitz LAM ORIADE ABBAYE ST MARTIN D'HERES	Robert Koch Institute  CNR Virus des Infections Respiratoires - France SUD	Antonin Bal; Bruno Lina; Bruno Simon; Gregory Destras; Gwendolyne Burfin; Hadrien Regue; Laurence Josset; Martine Valette; Quentin Semanas
EPI_ISL_2289248, EPI_ISL_2289249, EPI_ISL_2289250 EPI_ISL_2246838	LBM UNIBIO VALENTIN  LESP Ciudad de Mexico	CNR Virus des Infections Respiratoires - France SUD  Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Antonin Bal; Bruno Lina; Bruno Simon; Gregory Destras; Gwendolyne Burfin; Hadrien Regue; Laurence Josset; Martine Valette; Quentin Semanas  Abril Rodriguez-Maldonado; Ariadna Medina-Benitez; Claudia Wong-Arambula; Ernesto Ramirez-Gonzalez.; Gisela Barrera-Badillo; Irma Lopez-Martinez; Joaquin Quiroz-Mercado; Lucia Hernandez-Rivas; Natividad Cruz-Ortiz; Sergio Rangel-Guerrero; Tatiana Nunez-Garcia; Vanessa Rivero-Arredondo
EPI_ISL_2246827, EPI_ISL_2246828 EPI_ISL_2094505	LESP Ciudad de Mexico /LANS  LESP Jalisco	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)  Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Abril Rodriguez-Maldonado; Ariadna Medina-Benitez; Claudia Wong-Arambula; Ernesto Ramirez-Gonzalez.; Gisela Barrera-Badillo; Irma Lopez-Martinez; Joaquin Quiroz-Mercado; Lucia Hernandez-Rivas; Natividad Cruz-Ortiz; Sergio Rangel-Guerrero; Tatiana Nunez-Garcia; Vanessa Rivero-Arredondo  Abril Rodriguez-Maldonado; Ariadna Medina-Benitez; Claudia Wong-Arambula; Ernesto Ramirez-Gonzalez.; Gisela Barrera-Badillo; Irma Lopez-Martinez; Joaquin Quiroz-Mercado; Lucia Hernandez-Rivas; Natividad Cruz-Ortiz; Sergio Rangel-Guerrero; Tatiana Nunez-Garcia; Vanessa Rivero-Arredondo
EPI_ISL_2246829, EPI_ISL_2246830, EPI_ISL_2246831, EPI_ISL_2246832, EPI_ISL_2246833	LESP Michoacan	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Abril Rodriguez-Maldonado; Ariadna Medina-Benitez; Claudia Wong-Arambula; Ernesto Ramirez-Gonzalez.; Gisela Barrera-Badillo; Irma Lopez-Martinez; Joaquin Quiroz-Mercado; Lucia Hernandez-Rivas; Natividad Cruz-Ortiz; Sergio Rangel-Guerrero; Tatiana Nunez-Garcia; Vanessa Rivero-Arredondo

EPI_ISL_2246834, EPI_ISL_2246835, EPI_ISL_2246836, EPI_ISL_2246837	LESP Sinaloa	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Abril Rodriguez-Maldonado; Ariadna Medina-Benitez; Claudia Wong-Arambula; Ernesto Ramirez-Gonzalez.; Gisela Barrera-Badillo; Irma Lopez-Martinez; Joaquin Quiroz-Mercado; Lucia Hernandez-Rivas; Natividad Cruz-Ortiz; Sergio Rangel-Guerrero; Tatiana Nunez-Garcia; Vanessa Rivero-Arredondo
EPI_ISL_2016831 EPI_ISL_2229350 EPI_ISL_1969244, EPI_ISL_1969245	LHUB-ULB LSUHS Emerging Viral Threat Laboratory Lab RSUP DR Mohammad Hoesin Palembang	Labo Klinische Biologie, UZA LSUHS Emerging Viral Threat Laboratory National Institute of Health Research and Development	Basil Britto Xavier; Christine Lammens; Herman Goossens; Jasmine Coppens; Marie Le Mercier; Veerle Matheussen Alexander Mijalis; Andrew D. Yurchko; Christopher G. Kevil; Gregory L. Ware; Jennifer L. Carroll; Jeremy P. Kamil; John A. Vanchiere; Maarten Van Diest; Rona S. Scott Arie Ardiansyah Nugraha; Hana Apsari Pawestri; Hartanti Dian Ikawati; Kartika Dewi Puspa; Krisna Pangesti; Nelly Puspendari; Subangkit; Triyani Soekarso; Vivi Setiawaty
EPI_ISL_1827216, EPI_ISL_2192265, EPI_ISL_2192404, EPI_ISL_2192420, EPI_ISL_2192463	Lab voor klinische biologie	Lab voor klinische biologie	Bruno Verhasselt; Hannelore Hamerlinck; Marija Janevska
EPI_ISL_2121121 EPI_ISL_2260688, EPI_ISL_2260703	LabKom - Labor Augsburg MVZ GmbH LabKom - Labor Mainz MVZ GmbH	Robert Koch Institute Robert Koch Institute	
EPI_ISL_2121307 EPI_ISL_2125945 EPI_ISL_2233094	LabKom - Labor an der Salzbrücke MVZ GmbH LabKom - MVZ Labor Bochum MLB GmbH Labkesda Prov Kal Tim	Robert Koch Institute Robert Koch Institute National Institute of Health Research and Development	Arie Ardiansyah Nugraha; Hana Apsari Pawestri; Hartanti Dian Ikawati; Kartika Dewi Puspa; Krisna Pangesti; Nelly Puspendari; Subangkit; Triyani Soekarso; Vivi Setiawaty
EPI_ISL_1915155, EPI_ISL_1915156, EPI_ISL_2029687, EPI_ISL_2029713, EPI_ISL_2029727, EPI_ISL_2029740, EPI_ISL_2029751, EPI_ISL_2029877, EPI_ISL_2029916 see above	Labo Analyses Med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Angela Brisebarre; Camille Capel; Christophe Malabat; Corinne Maufrais; Elodie Etienne; Emmanuelle Permal; Etienne Simon-Lorière; Fabienne Artur; Frédéric Lemoine; Jean Boyer; Judith Zerah; Louise Lefrançois; Marion Barbet; Maud Vanpeene; Méline Bizard; Pierre Lechat; Pierre Netzer; Sylvie Behillil; Sylvie Van der Werf; Victoire Baillet; Vincent Enouf
EPI_ISL_1843504, EPI_ISL_2109111, EPI_ISL_2121556, EPI_ISL_2121887, EPI_ISL_2121903, EPI_ISL_2125917, EPI_ISL_2260092, EPI_ISL_2260146, EPI_ISL_2260299, EPI_ISL_2260301, EPI_ISL_2260332, EPI_ISL_2313798, EPI_ISL_2313822 see above	Labor 28 MVZ GmbH	Robert Koch Institute	
EPI_ISL_1921855	Labor Berlin Charite 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
EPI_ISL_1840801, EPI_ISL_1840814, EPI_ISL_1840828, EPI_ISL_1886104, EPI_ISL_2107828, EPI_ISL_2107830, EPI_ISL_2107835, EPI_ISL_2107839, EPI_ISL_2227358, EPI_ISL_2227359 see above	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
EPI_ISL_1904299 EPI_ISL_1566762, EPI_ISL_1851395, EPI_ISL_1851414	Labor Doz DrDr Stefan Mustafa Labor Dr. Heidrich & Kollegen MVZ GmbH Hamburg	AGES IMED Vienna Robert Koch Institute	Alexander Indra; Elisabeth Walter; Johanna Schmitt; Sara Meschini; Stefan Mustafa; Theodora Ziu
EPI_ISL_2125466, EPI_ISL_2126133, EPI_ISL_2265617	Labor Dr. Schumacher MVZ	Robert Koch Institute	
EPI_ISL_2125129 EPI_ISL_2111026	Labor Dr. Spranger Labor Dr. Wisplinghoff - Kaln	Robert Koch Institute Robert Koch Institute	
EPI_ISL_2125017 EPI_ISL_1848757	Labor Dr. Wisplinghoff - Koln Labor MÄnchengladbach MVZ Dr. Stein + Kollegen GbR	Robert Koch Institute Robert Koch Institute	
EPI_ISL_2314667, EPI_ISL_2314669, EPI_ISL_2314671	Labor Mönchengladbach MVZ Dr. Stein + Kollegen GbR	Robert Koch Institute	
EPI_ISL_2265521 EPI_ISL_2111454	Labor Prof. Dr. G. Enders MVZ GbR Labor ZOTZ KLIMAS; MVZ Dusseldorf-Centrum	Robert Koch Institute Robert Koch Institute	
EPI_ISL_2264832 EPI_ISL_2316348	Labor ZOTZ KLIMAS; MVZ Düsseldorf-Centrum Labor für medizinische Mikrobiologie Bakteriologie Mykologie Virologie & Infektionsserologie - Labor Mölbis	Robert Koch Institute	
EPI_ISL_2111142 EPI_ISL_1917963	Laborarztpraxis Dres. med. Walther Weindel & Kollegen Laboratoires Reunis	Robert Koch Institute Laboratoire national de sante, Microbiology, Microbial Genomics Platform	Anke Wienecke-Baldacchino; Bernard Weber; Catherine Ragimbeau; Fatu Djabi; Jessica Tapp; Lise Pignon; Raoul Salmon; Tamir Abdelrahman
EPI_ISL_2036262, EPI_ISL_2036263, EPI_ISL_2036264, EPI_ISL_2036266, EPI_ISL_2036268, EPI_ISL_2036269	Laboratori de Referencia de Catalunya	Laboratori de Referencia de Catalunya	Bellosillo B.; Canal M.; Hernandez JJ.; Padilla E.; Ramirez A.; Vilas A.
EPI_ISL_2155359, EPI_ISL_2155360, EPI_ISL_2155361, EPI_ISL_2155362, EPI_ISL_2155363, EPI_ISL_2155364, EPI_ISL_2155365, EPI_ISL_2155366, EPI_ISL_2155367, EPI_ISL_2155368, EPI_ISL_2155369, EPI_ISL_2240824 see above	Laboratorio HUB -Azienda Ospedaliero Universitaria - AOU - Cagliari	Laboratorio SPOKE Biologia Molecolare - Azienda Ospedaliero Universitaria - AOU - Cagliari	Alessandra Scano; Ferdinando Coghe; Germano Orrù; Miriam Loddo; Riccardo Cappai; Sara Fais; Valentina Medda
EPI_ISL_2312655	Laboratorio Unico Provinciale Dipartimento Biotecnologie, Trasfusionale e di Laboratorio	U.O. Microbiologia Laboratorio Unico Centro Servizi AUSL della Romagna	Francesca Taddei; Giorgio Dirani; Giulia Gatti; Ilaria Poggianti; Michela Boni; Sara Ghisellini; Silvia Zannoli; Vittorio Sambrì
EPI_ISL_1970729, EPI_ISL_1970731, EPI_ISL_1970732, EPI_ISL_1970733, EPI_ISL_1970734	Laboratorio analisi - Policlinico San Pietro	Laboratory of Clinical Microbiology, Virology and Bioemergencies, ASST Fatebenefratelli Sacco - Sacco Hospital	Alberto Rizzo; Alessandro Mancon; Fiorenza Braccittta; Luca Rizzuto; Maria Rita Gismondo; Valeria Micheli
EPI_ISL_2140238, EPI_ISL_2140239, EPI_ISL_2140240, EPI_ISL_2140241, EPI_ISL_2140242, EPI_ISL_2140243, EPI_ISL_2140244, EPI_ISL_2140245 see above	Laboratorium Analiz Lekarskich ALAB	1. Tricity SARS-CoV-2 sequencing consortium: University of Gdansk, Medical University of Gdansk, Vaxican Ltd., Invicta Ltd. 2. National Institute of Public Health - National Institute of Hygiene, Warsaw, Poland	Celina Cybulska; Karolina Gackowska; Katarzyna Groth; Katarzyna Zacharczuk; Krystyna Bienkowska Szewczyk; Lukasz Rabalski; Maciej Grzybek; Maciej Kosinski; Magdalena Nowakowska; Malgorzata Sadkowska-Todys; Tomasz Wolkowicz
EPI_ISL_1611370, EPI_ISL_1681478, EPI_ISL_1681600, EPI_ISL_1683986, EPI_ISL_1684717, EPI_ISL_1799003, EPI_ISL_1799336, EPI_ISL_1799474, EPI_ISL_1800829, EPI_ISL_1800981, EPI_ISL_1800987, EPI_ISL_1801017, EPI_ISL_1801360, EPI_ISL_1801691, EPI_ISL_1801976, EPI_ISL_1802058, EPI_ISL_1802476, EPI_ISL_1802644, EPI_ISL_1925936, EPI_ISL_1926250, EPI_ISL_1926283, EPI_ISL_1926372, EPI_ISL_1926482, EPI_ISL_1926580, EPI_ISL_1926717, EPI_ISL_1926968, EPI_ISL_1927603, EPI_ISL_1927971, EPI_ISL_1928600, EPI_ISL_1929055, EPI_ISL_1929232, EPI_ISL_1929301, EPI_ISL_1929356, EPI_ISL_1929448, EPI_ISL_1930706, EPI_ISL_1930858, EPI_ISL_1931019, EPI_ISL_1931052, EPI_ISL_1931275, EPI_ISL_1931296, EPI_ISL_1931734, EPI_ISL_1932000, EPI_ISL_1932009, EPI_ISL_2044007, EPI_ISL_2044013, EPI_ISL_2044036, EPI_ISL_2044077, EPI_ISL_2044211, EPI_ISL_2044343, EPI_ISL_2044454, EPI_ISL_2044588, EPI_ISL_2044622, EPI_ISL_2044695, EPI_ISL_2044706, EPI_ISL_2044786, EPI_ISL_2045112, EPI_ISL_2045385, EPI_ISL_2045440, EPI_ISL_2045668, EPI_ISL_2045783, EPI_ISL_2045852, EPI_ISL_2045856, EPI_ISL_2045932, EPI_ISL_2045959, EPI_ISL_2045974, EPI_ISL_2046278, EPI_ISL_2046354, EPI_ISL_2046388, EPI_ISL_2046793, EPI_ISL_2046823, EPI_ISL_2181727, EPI_ISL_2182035, EPI_ISL_2182078, EPI_ISL_2182197, EPI_ISL_2182225, EPI_ISL_2182270, EPI_ISL_2182444, EPI_ISL_2182485, EPI_ISL_2182642, EPI_ISL_2182678, EPI_ISL_2182881, EPI_ISL_2182993, EPI_ISL_2183100, EPI_ISL_2183147, EPI_ISL_2183543, EPI_ISL_2183710, EPI_ISL_2183751, EPI_ISL_2183985, EPI_ISL_2184012, EPI_ISL_2184064, EPI_ISL_2184123, EPI_ISL_2184378, EPI_ISL_2184555, EPI_ISL_2184611, EPI_ISL_2184642, EPI_ISL_2184984, EPI_ISL_2185013, EPI_ISL_2185032, EPI_ISL_2185173, EPI_ISL_2185215, EPI_ISL_2185277, EPI_ISL_2185452, EPI_ISL_2304947, EPI_ISL_2304971, EPI_ISL_2305001, EPI_ISL_2305002, EPI_ISL_2305106, EPI_ISL_2305108, EPI_ISL_2305131, EPI_ISL_2305139, EPI_ISL_2305173, EPI_ISL_2305211, EPI_ISL_2305235, EPI_ISL_2305283, EPI_ISL_2305371, EPI_ISL_2305445, EPI_ISL_2305488, EPI_ISL_2305497, EPI_ISL_2305543, EPI_ISL_2305596, EPI_ISL_2305629, EPI_ISL_2305630, EPI_ISL_2305762, EPI_ISL_2306019, EPI_ISL_2306061, EPI_ISL_2306122, EPI_ISL_2306159, EPI_ISL_2306180, EPI_ISL_2306181, EPI_ISL_2306182, EPI_ISL_2306190, EPI_ISL_2306264, EPI_ISL_2306281, EPI_ISL_2306304, EPI_ISL_2306323, EPI_ISL_2306330, EPI_ISL_2306338, EPI_ISL_2306395, EPI_ISL_2306428, EPI_ISL_2306457, EPI_ISL_2306511, EPI_ISL_2306521, EPI_ISL_2306601, EPI_ISL_2306605, EPI_ISL_2306632, EPI_ISL_2306709, EPI_ISL_2306773, EPI_ISL_2306819, EPI_ISL_2306894, EPI_ISL_2306914, EPI_ISL_2306920, EPI_ISL_2307000, EPI_ISL_2307031, EPI_ISL_2307070, EPI_ISL_2307079	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Adrian Paskey; Amanda Douglas; Amanda Suchanek; Andrea Throop; Ayla Barnes; Benjamin Rambo-Martin; Bobbi Croy; Brian Krueger; Brian Norvelli; Christopher Gulvick; Christos Petropoulos; Clinton R. 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; Lax Iyer; Lyndon Tillan; Marcia Eisenberg; Mary Ann Cristobal; Mary Williamson; Matthew Schmerer; Michael Levandoski; Mike Sapeta; Mindy Nye; Minoo Agarwal; Mohan Kolli; Nuthawin Chaorensri; Oren Cohen; Peter W. Cook; Prashant Gupta; Qian Zeng; Rama Ghatti; Scott Parker; Scott Ryan; Scott Sammons; Shatavia Morrison; Stanley Letovskiy; Steven Ragan; Suresh Babu Selvaraju; Susan Countryman; Susan Hicks; Suzanne Dale; Thomas Urban; Tim Kuphal; Tricia Zwiefelhofer; Vincent Drouillon; Yvette Unoaumhi	
EPI_ISL_1716736	Laboratory of Immunohematology, Division of Hematology	Greek Genome Center, Biomedical Research Foundation of the Academy of Athens (BRFAA)	Athanasia Mouzaki; Dimitrios Thanos; Emmanouil Athanasiadis; Ioannis Vatsellas; Katerina Zoi; Theodoros Loupis
EPI_ISL_2032019, EPI_ISL_2034693,	Laboratory of Molecular Biology, Diagnostyka sp. z o.o.	genXone SA, Research & Development Laboratory	Aleksandra Gidlewicz; Anna Brylak-Blaszkow; Grzegorz Nowicki; Jakub Grabowski; Karol Szeszko; Lukasz Krych; Maciej Sykulski; Michal Kaszuba; Natalia Drweska-Matelska

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see above

Lighthouse Lab in Alderley Park

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 Gonçalves; The Lighthouse Lab in Alderley Park and Alex Alderton

EPI\_ISL\_1409773, EPI\_ISL\_1454606, EPI\_ISL\_1473648, EPI\_ISL\_1505036, EPI\_ISL\_1505038, EPI\_ISL\_1517918, EPI\_ISL\_1519271, EPI\_ISL\_1519290, EPI\_ISL\_1519300, EPI\_ISL\_1534758, EPI\_ISL\_1534917, EPI\_ISL\_1534938, EPI\_ISL\_1534945, EPI\_ISL\_1537321, EPI\_ISL\_1564086, EPI\_ISL\_1564102, EPI\_ISL\_1564139, EPI\_ISL\_1564187, EPI\_ISL\_1564328, EPI\_ISL\_1564772, EPI\_ISL\_1583942, EPI\_ISL\_1583979, EPI\_ISL\_1594728, EPI\_ISL\_1594918, EPI\_ISL\_1595457, EPI\_ISL\_1615751, EPI\_ISL\_1615877, EPI\_ISL\_1631162, EPI\_ISL\_1631219, EPI\_ISL\_1632008, EPI\_ISL\_1632316, EPI\_ISL\_1632335, EPI\_ISL\_1632412, EPI\_ISL\_1632426, EPI\_ISL\_1635371, EPI\_ISL\_1652981, EPI\_ISL\_1652993, EPI\_ISL\_1653090, EPI\_ISL\_1653104, EPI\_ISL\_1653197, EPI\_ISL\_1653403, EPI\_ISL\_1673061, EPI\_ISL\_1673142, EPI\_ISL\_1697491, EPI\_ISL\_1697908, EPI\_ISL\_1697919, EPI\_ISL\_1697963, EPI\_ISL\_1697964, EPI\_ISL\_1698273, EPI\_ISL\_1698274, EPI\_ISL\_1698283, EPI\_ISL\_1698332, EPI\_ISL\_1698361, EPI\_ISL\_1698410, EPI\_ISL\_1698429, EPI\_ISL\_1698436, EPI\_ISL\_1698521, EPI\_ISL\_1718942, EPI\_ISL\_1719584, EPI\_ISL\_1719618, EPI\_ISL\_1719736, EPI\_ISL\_1740580, EPI\_ISL\_1740781, EPI\_ISL\_1758509, EPI\_ISL\_1758558, EPI\_ISL\_1758645, EPI\_ISL\_1759267, EPI\_ISL\_1759884, EPI\_ISL\_1912066, EPI\_ISL\_1912114, EPI\_ISL\_1912119, EPI\_ISL\_1912157, EPI\_ISL\_1912173, EPI\_ISL\_1912203, EPI\_ISL\_1912205

see above

see above	Lighthouse Lab in Milton Keynes	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_2278044, EPI_ISL_2278046, EPI_ISL_2278048, EPI_ISL_2278051, EPI_ISL_2278052, EPI_ISL_2278053, EPI_ISL_2278054, EPI_ISL_2278055, EPI_ISL_2278061, EPI_ISL_2278064, EPI_ISL_2278065, EPI_ISL_2278067, EPI_ISL_2278073, EPI_ISL_2278075, EPI_ISL_2278076, EPI_ISL_2278077, EPI_ISL_2278078, EPI_ISL_2278079, EPI_ISL_2278121, EPI_ISL_2278125, EPI_ISL_2278127, EPI_ISL_2278144, EPI_ISL_2278157, EPI_ISL_2278163, EPI_ISL_2278173			

EPI_ISL_1908494, EPI_ISL_1936188, EPI_ISL_2227435, EPI_ISL_2227828	MD PHL	Laboratory MD PHL	Maryland Department of Health Laboratories Administration
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see above	MEPHI, Aix Marseille University	MEPHI, Aix Marseille University	Anthony LEVASSEUR
EPI_ISL_1663541, EPI_ISL_1663543,	MGM Medical College, Jamshedpur	Institute of Life Sciences - INSACOG	Ajay Parida; Amol M. Kanampalliwar; Arup Ghosh; Atimukta Jha; INSACOG Consortium; Punit Prasad; Rajeeb Swain; Rupesh Dash; Safal Walia; Shifu Aggarwal; Sunil K. Raghav

EPI_ISL_1970566, EPI_ISL_1970567, EPI_ISL_1970568	MS Public Health Laboratory	University of Mississippi Medical Center,	Ashley C. Johnson; D. Ashley Robinson; Ithiel J. Frame; Krishna K. Ayyalasomayajula; Michael R. Garrett
EPI_ISL_2224473			

EPI_ISL_2129595, EPI_ISL_2261019, EPI_ISL_2265025	MVZ Dr. Eberhard & Partner Dortmund	Robert Koch Institute
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EPI_ISL_2111238, EPI_ISL_2127123, EPI_ISL_2127172	MVZ Labor Dr. Fenner und Kollegen (Standort Hamburg)	Robert Koch Institute	
EPI_ISL_1847444, EPI_ISL_1852081, EPI_ISL_1852099, EPI_ISL_1852126, EPI_ISL_2120586, EPI_ISL_2122599, EPI_ISL_2122726, EPI_ISL_2259641, EPI_ISL_2259642, EPI_ISL_2259653, EPI_ISL_2260917, EPI_ISL_2262247, EPI_ISL_2262249, EPI_ISL_2264558, EPI_ISL_2264578, EPI_ISL_2264588			
see above	MVZ Labor Dr. Limbach & Kollegen GbR	Robert Koch Institute	
EPI_ISL_2261471, EPI_ISL_2262483, EPI_ISL_2315525	MVZ Labor Dr. Quade & Kollegen GmbH	Robert Koch Institute	
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EPI_ISL_1850317, EPI_ISL_1850326, EPI_ISL_2112762, EPI_ISL_2115162, EPI_ISL_2314690, EPI_ISL_2314768, EPI_ISL_2316433, EPI_ISL_2316449			
see above	MVZ Medizinisches Labor Hannover GmbH	Robert Koch Institute	
EPI_ISL_2285004, EPI_ISL_2285023, EPI_ISL_2285071, EPI_ISL_2285073, EPI_ISL_2307175, EPI_ISL_2307195	Mako Medical	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Adrian Paskey; Benjamin Rambo-Martin; Christopher Gulvick; Clinton R. Paden; Dakota Howard; Darlene Wagner; Dhvani Batra; Duncan MacCannell; Jason Caravas; Kara Moser; Lauren Moon; Matthew Schmerer; Matthew Tugwell; Peter W. Cook; Scott Sammons; Shatavia Morrison; Yvette Unoarumhi
EPI_ISL_2156920, EPI_ISL_2156932, EPI_ISL_2157019, EPI_ISL_2157021, EPI_ISL_2262662	Mapmygenome	CSIR-Centre for Cellular and Molecular Biology- INSACOG	Amareshwar Vodapalli; Ara Sreenivas; Archana Bharadwaj Siva; B Himasri; Blessy B John; Divya Tej Sowpati; Karthik Bharadwaj Tallapaka; Lamuk Zaveri; Onkar Kulkarni; Payel Mukherjee; Rakesh K Mishra; Sharath Chandra Thota; Shreekant Verma; Sofia Banu; Tulasi Nagabandi; Valli Nagalakshmi Undamatla; Viswagithe S L
EPI_ISL_2096213, EPI_ISL_2102347, EPI_ISL_2161520, EPI_ISL_2161528	Maryland Genomics, Institute for Genome Sciences, University of Maryland School of Medicine	Maryland Genomics, Institute for Genome Sciences, University of Maryland School of Medicine	Aditya; Claire M; Fraser; Holly; Humphrys; Jacques; Kranthi; Lisa D; Luke J; Mehta; Mike; Ott; Ravel; Roussey; Sadzewicz; Sandra; Tallon; Vavikolanu
EPI_ISL_2008146, EPI_ISL_2008162, EPI_ISL_2008164, EPI_ISL_2008369, EPI_ISL_2229531, EPI_ISL_2229775	Massachusetts State Public Health Laboratory	Massachusetts State Public Health Laboratory	Andrew Lang; Glen Gallagher; Sandra Smole; Timelia Fink
EPI_ISL_2006677, EPI_ISL_2095274, EPI_ISL_2095275, EPI_ISL_2095276, EPI_ISL_2095278, EPI_ISL_2095279, EPI_ISL_2095280, EPI_ISL_2095281, EPI_ISL_2095282			
see above	Max von Pettenkofer Institute, Virology, National Reference Center for Retroviruses, LMU Munich	Laboratory for Functional Genome Analysis; Dept. Genomics; Gene Center of the LMU Munich	Alexander Graf; Helmut Blum; Max Muenchhoff; Oliver Keppler; Stefan Krebs
EPI_ISL_2102114	Medics Labor AG	Clinical Bacteriology	Adrian Egli; Alfredo Mari; Hans Hirsch; Helena MB Seth-Smith; Julia Bielicki; Karoline Leuzinger; Madlen Stange; Manuel Battegay; Tim Roloff
EPI_ISL_2116115, EPI_ISL_2129020, EPI_ISL_2129024, EPI_ISL_2129029, EPI_ISL_2129038, EPI_ISL_2129039, EPI_ISL_2129047, EPI_ISL_2129050, EPI_ISL_2129064, EPI_ISL_2129066, EPI_ISL_2129067, EPI_ISL_2129069			
see above	Medizinische Laboratorien Dusseldorf	Robert Koch Institute	
EPI_ISL_2266662	Medizinische Laboratorien Düsseldorf	Robert Koch Institute	
EPI_ISL_1913109, EPI_ISL_1913110	Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)	MDU-PHL	M.L.; N.L.; Sait; Seemann T.; Sherry
EPI_ISL_2250230	Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)	Microbiological Diagnostic Unit Public Health Laboratory (MDU-PHL)	M.L.; N.L.; Sait; Seemann T.; Sherry
EPI_ISL_2086160, EPI_ISL_2285121	Microbiology Department. Complexo Hospitalario Universitario de Vigo	Microbiology Department. Complexo Hospitalario Universitario de Vigo	Alfaya N; Alonso I; Alvarez M; Cabrera JJ; Carballo R; Cores O; Cortizo S; Martinez L; Mediero G; Perez S; Potel C; Regueiro B; Rey S; Vasallo FJ; del-Campo V
EPI_ISL_2232671	Ministry of Health Turkey	Ministry of Health Turkey	Fatma Bayraktar; Gulay Korukluoglu; Suleyman Yalcin; Yasemin Cosgun
EPI_ISL_2274379, EPI_ISL_2274381, EPI_ISL_2274383, EPI_ISL_2274397, EPI_ISL_2274404	Ministry of Public Health / Hamad Medical Corporation	Biomedical Research Center (BRC), Qatar University / Qatar Genome Project (QGP)	Asmaa A. Al-Thani. MOPH and HMC: Abdullatif Al-Khal; BRC: Fatiha M. Benslimane; Chadi Saad; Dana Al-Batesh; Dina Elgakhlab QGP: Fatima H. Al-Kuwari; Einas A. E. Al-Kuwari; Hadi M. Yassine; Hamad E. Al-Romaihi; Hamda Alromaihi; Heba A. Al-Khatib; Mashael A. Al-Bader; Mohammed Al-Thani; Muna A. S. Al-Maslamani; Oal Al-Jamal; Peter V. Coyle; Reham A. El-Kahlout. QBB: Tasneem Al-Hamad; Roberto Bertolini; Salih Al-Marri
EPI_ISL_1857556, EPI_ISL_2249523, EPI_ISL_2249544	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_2035597, EPI_ISL_2304211, EPI_ISL_2304240, EPI_ISL_2304258	Missouri State Public Health Laboratory	Missouri State Public Health Laboratory	Ashley New; Joshua Barry; Matthew Sinn
EPI_ISL_2270355	Mobile County Health Department	Synergy Laboratories	Megan Cornwell
EPI_ISL_1865437	Molekylær Medicinsk Afdeling, Aarhus University Hospital, Aarhus, Denmark	Aalborg University	Danish Covid-19 Genome Consortium
EPI_ISL_2017761, EPI_ISL_2017762	N.H.L. Municipal Medical College, Ahmedabad	Gujarat Biotechnology Research Centre	Chaitanya Joshi; Dinesh Kumar; Janvi Raval; Jayshri Pethani; Madhvi Joshi; Nitesh Shah; Nitin Savaliya; Ramesh Pandit; Sonal Sharma; Twinkle Soni; Umang Mishra; Zarna Patel; Zuber Saiyed
EPI_ISL_1663366, EPI_ISL_1663367, EPI_ISL_1663375, EPI_ISL_1663376	NCCS, Pune	Institute of Life Sciences - INSACOG	Ajay Parida; Amol M. Kanampaliwar; Arup Ghosh; Atimukta Jha; INSACOG Consortium; Punit Prasad; Rajeeb Swain; Rupesh Dash; Safal Walia; Shifu Aggarwal; Sunil K. Raghav
EPI_ISL_1937844	NH Dept. of Health and Human Services Public Health Labs	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Alison Laufer Halpin; Ben L. Rambo-Martin; Clinton R. Paden; Dakota Howard; Darlene Wagner; Dave Wentworth; Dhvani Batra; Jasmine Padilla; Justin Lee; Katie Dillon; Krista Queen; Kristen Knipe; Kristine Lacek; Mark Burroughs; Matthew Schmerer; Mili Sheth; Peter Cook; Sam Shepard; Sarah Nobles; Shoshona Le; Suxiang Tong; Vivien Dugan; Yvette Unoarumhi
EPI_ISL_1939986, EPI_ISL_1939987, EPI_ISL_1939999, EPI_ISL_1940055, EPI_ISL_1940057, EPI_ISL_1940096, EPI_ISL_1940107			
see above	NIMHANS	inStem NCBS - INSACOG	Uma Ramakrishnan Dasaradhi Palakodeti Aswin SaiNarain
EPI_ISL_1960012, EPI_ISL_1969044, EPI_ISL_2185596, EPI_ISL_2185612, EPI_ISL_2185623, EPI_ISL_2282038, EPI_ISL_2282040			
see above	NJDOH, Public Health and Environmental Laboratories	NJ_PHEL	Byeong Jeong; Dana Woell; Jacquelyn Deverell; Lindsey Bodnar; Matthew Scarnati; Shiv K. Verma
EPI_ISL_2161784	NL-Dr. Leonard A. Miller Centre for Health Services	National Microbiology Laboratory (NML)	Adel Malek; Anna Majer; Anneliese Landgraff; CanCOGeN's metadata curation team; Darian Hole; Elsie Grudeski; Gary Van Domselaar; George Zahariadis; Grace Seo; Jennifer Tanner; Kerri Smith; Kirsten Biggar; Laura Gilbert; Madison Chapel; Morag Graham; Natalie Knox; Nathalie Bastien; Philip Mabon; Public Health Agency of Canada CanCOGeN team; Rhiannon Huzarewich; Robert Needle; Russell Mandes; Shari Tyson; Timothy Booth; Yan Li; Yang Yu
EPI_ISL_2018180	NM Dept. Health, Scientific Laboratory Division	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Alison Laufer Halpin; Ben L. Rambo-Martin; Clinton R. Paden; Dakota Howard; Darlene Wagner; Dave Wentworth; Dhvani Batra; Jasmine Padilla; Justin Lee; Katie Dillon; Krista Queen; Kristen Knipe; Kristine Lacek; Mark Burroughs; Matthew Schmerer; Mili Sheth; Peter Cook; Sam Shepard; Sarah Nobles; Shoshona Le; Suxiang Tong; Vivien Dugan; Yvette Unoarumhi
EPI_ISL_1482556, EPI_ISL_1671604	NORTHWELL HEALTH LABORATORIES	Wadsworth Center, New York State Department of Health	Alexis Russell; Catharine Prussing; Daryl M. Lamson; Erasmus Schneider; Erica Lasek-Nesselquist; John Kelly; Jonathan Plitnick; Kirsten St. George; Matthew Shudt; Melissa A Leisner; Navjot Singh
EPI_ISL_2162072	NS-QEII Health Sciences Centre	National Microbiology Laboratory (NML)	Anna Majer; Anneliese Landgraff; CanCOGeN's metadata curation team; Dan Gaston; Darian Hole; Elsie Grudeski; Gary Van Domselaar; Grace Seo; Janice Pettipas; Jason LeBlanc; Jennifer Tanner; Kirsten Biggar; Madison Chapel; Morag Graham; Natalie Knox; Nathalie Bastien; Philip Mabon; Public Health Agency of Canada CanCOGeN team; Rhiannon Huzarewich; Russell Mandes; Shari Tyson; Timothy Booth; Todd Hatchette; Yan Li
EPI_ISL_1678079	NYC Department of Health and Mental Hygiene	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Alison Laufer Halpin; Ben L. Rambo-Martin; Clinton R. Paden; Dakota Howard; Darlene Wagner; Dave Wentworth; Dhvani Batra; Jasmine Padilla; Justin Lee; Katie Dillon; Krista Queen; Kristen Knipe; Kristine Lacek; Mark Burroughs; Matthew Schmerer; Mili Sheth; Peter Cook; Sam Shepard; Sarah Nobles; Shoshona Le; Suxiang Tong; Vivien Dugan; Yvette Unoarumhi
EPI_ISL_2274706	NYC Pandemic Response Lab	Wadsworth Center, New York State Department of Health	Alexis Russell; Catharine Prussing; Daryl M. Lamson; Erasmus Schneider; Erica Lasek-Nesselquist; John Kelly; Jonathan Plitnick; Kirsten St. George; Matthew Shudt; Melissa A Leisner; Navjot Singh
EPI_ISL_1790019,	NYU Langone Health	Departments of Pathology and Medicine, New	Adriana Heguy; Christian Marier; Dacia Dimartino; Emily Guzman; Gael Westby; Guiqing Wang; Paolo Cotzia; Paul Zappile; Peter Meyn; Sitharam Ramaswami; Yutong Zhang

[illegible]

EPI_ISL_2296521	Premier Medical Lab	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz; Jacob Garfin; Matt Plumb; and Xiong Wang																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
EPI_ISL_2264831	Presidio di Brindisi Di Summa - Perrino	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Bianco A.; Capozzi L.; Del Sambro L.; Difato L.; Giannico A.; Parisi A.; Ridolfi D.; Santoro A.; Simone D.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
EPI_ISL_1789673	Pro-Vitam Diagnostics and Research Laboratory	Pro-Vitam Diagnostics and Research Laboratory	Istvan Horvath; Kinga Rakosi; Monika Korodi; Szilard N. Fejer; Zsuzsanna Jenei																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
EPI_ISL_2260987	Procomcure Biotech Germany GmbH	Robert Koch Institute	P. Hemarajata et al. Christopher Moore; Emily Park; Fei Sang; Gemma Clark; Hannah Howson-Wells; Jack Hill; Jayasree Dey; Johnny Debebe; Jonathan Ball; Joseph Chappell; Manjinder Khakh; Matthew Carlisle; Matthew Loose; Michelle M Lister; Nadine Holmes; Patrick McClure; Theocharis Tsoleridis; Timothy Byarungah; Vicki M Fleming; Victoria Wright; Wendy Smith																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
EPI_ISL_2259439	Providence Little Company of Mary Medical Center	Los Angeles County Public Health Laboratories																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
EPI_ISL_1978960	Queens Medical Centre, Clinical Microbiology Department / DeepSeq Nottingham	COVID-19 Genomics UK (COG-UK) Consortium																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
EPI_ISL_2127624																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
EPI_ISL_1938308	Queensland Health Forensic and Scientific Services	Queensland Health Forensic and Scientific Services	Sam Nguyen																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
EPI_ISL_2001060																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
EPI_ISL_2274244																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
EPI_ISL_2274246																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
EPI_ISL_2274249																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
EPI_ISL_2259251	Quest Diagnostics	Los Angeles County Public Health Laboratories	P. Hemarajata et al.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
EPI_ISL_1648208	EPI_ISL_1648249	EPI_ISL_1738201	EPI_ISL_1753041	EPI_ISL_1753105	EPI_ISL_1753145	EPI_ISL_1761938	EPI_ISL_1789071	EPI_ISL_1798096	EPI_ISL_1818383	EPI_ISL_1834352	EPI_ISL_1840480	EPI_ISL_1840498	EPI_ISL_1906045	EPI_ISL_1924396	EPI_ISL_1924670	EPI_ISL_1924762	EPI_ISL_1924796	EPI_ISL_1924930	EPI_ISL_1925063	EPI_ISL_1989753	EPI_ISL_1989865	EPI_ISL_1989861	EPI_ISL_1989891	EPI_ISL_1990160	EPI_ISL_2011131	EPI_ISL_2046851	EPI_ISL_2046943	EPI_ISL_2047029	EPI_ISL_2047254	EPI_ISL_2047258	EPI_ISL_2090484	EPI_ISL_2090489	EPI_ISL_2090542	EPI_ISL_2133258	EPI_ISL_2133308	EPI_ISL_2133309	EPI_ISL_2133312	EPI_ISL_2133434	EPI_ISL_2133456	EPI_ISL_2134239	EPI_ISL_2142947	EPI_ISL_2143008	EPI_ISL_2143023	EPI_ISL_2143064	EPI_ISL_2143096	EPI_ISL_2143229	EPI_ISL_2143359	EPI_ISL_2143363	EPI_ISL_2143449	EPI_ISL_2143679	EPI_ISL_2143750	EPI_ISL_2143921	EPI_ISL_2180461	EPI_ISL_2180479	EPI_ISL_2180501	EPI_ISL_2180516	EPI_ISL_2203739	EPI_ISL_2203742	EPI_ISL_2203788	EPI_ISL_2203953	EPI_ISL_2204104	EPI_ISL_2247090	EPI_ISL_2247111	EPI_ISL_2247115	EPI_ISL_2247178	EPI_ISL_2247186	EPI_ISL_2247198	EPI_ISL_2247242	EPI_ISL_2247275	EPI_ISL_2247281	EPI_ISL_2248483	EPI_ISL_2248541	EPI_ISL_2248619	EPI_ISL_2248631	EPI_ISL_2248662	EPI_ISL_2268455	EPI_ISL_2268576	EPI_ISL_2268595	EPI_ISL_2268602	EPI_ISL_2268674	EPI_ISL_2268692	EPI_ISL_2268710	EPI_ISL_2268814	EPI_ISL_2268838	EPI_ISL_2268860	EPI_ISL_2268877	EPI_ISL_2268891	EPI_ISL_2268916	EPI_ISL_2268937	EPI_ISL_2268940	EPI_ISL_2268946	EPI_ISL_2268963	EPI_ISL_2268970	EPI_ISL_2269027	EPI_ISL_2269042	EPI_ISL_2269044	EPI_ISL_2269051	EPI_ISL_2269062	EPI_ISL_2304503	EPI_ISL_2304539	EPI_ISL_2304553	EPI_ISL_2304586	EPI_ISL_2304589	EPI_ISL_2304642																																																																																																																																																																																																																																																																																																																																																																																																																																																										
see above	Quest Diagnostics Incorporated	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery inStem NCBS - INSACOG	A. Gerasimova; A. Perez; Adrian Paskey; B. Anderson; Benjamin Rambo-Martin; Christopher Gulvick; Clinton R. Paden; Dakota Howard; Darlene Wagner; Dhwani Batra; Duncan MacCannell; F. Lacbawan; I. A. Shlyakhter; Jason Caravas; K.E. Livingston; Kara Moser; L.E. Bernstein; M. Hua; Matthew Schmerer; P. Tanpaiboon; Peter W. Cook; R. M. Kagan; R. Owen; R. V. Rolando; S. H. Rosenthal; Scott Sammons; Shatavia Morrison; Y. Liu; Yvette Unoarumhi Uma Ramakrishnan Dasaradhi Palakodeti Aswin SaiNarain																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
EPI_ISL_1940102	RAILWAY																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
EPI_ISL_1940106																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
EPI_ISL_1663529	REGIONAL VRDL, ICMR-RMRC BBSR	Institute of Life Sciences - INSACOG	Ajay Parida; Amol M. Kanampalliwar; Arup Ghosh; Atimukta Jha; INSACOG Consortium; Punit Prasad; Rajeeb Swain; Rupesh Dash; Safal Wallia; Shifu Aggarwal; Sunil K. Raghav																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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EPI_ISL_2262263	RS Umum Kartika Pulomas	National Institute of Health Research and Development	Arie Ardiansyah Nugraha; Hana Apsari Pawestri; Hartanti Dian Ikawati; Kartika Dewi Puspa; Krisna Pangesti; Nelly Puspandari; Subangkit; Triyani Soekarso; Vivi Setiawaty																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
EPI_ISL_2262283	RSPI Prof. Dr. Sulianti Saroso	National Institute of Health Research and Development	Arie Ardiansyah Nugraha; Hana Apsari Pawestri; Hartanti Dian Ikawati; Kartika Dewi Puspa; Krisna Pangesti; Nelly Puspandari; Subangkit; Triyani Soekarso; Vivi Setiawaty																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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EPI_ISL_2233089	RSUD Abdul Moeis	National Institute of Health Research and Development	Arie Ardiansyah Nugraha; Hana Apsari Pawestri; Hartanti Dian Ikawati; Kartika Dewi Puspa; Krisna Pangesti; Nelly Puspandari; Subangkit; Triyani Soekarso; Vivi Setiawaty																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
EPI_ISL_2104743	Ramathibodi Chakri Naruebodindra Hospital	COVID-19 Network Investigations (CONI) Alliance	Angkana Huang; Anthony R. Jones; Arporn Wangwiwatsin; Bhakkhoom Panthan; Chonticha Klungtong; Duangkamon Loesbanluechai; Ekawat Pasomsub; Elizabeth Batty; Insee Semsorn; Janjira Thaipadungpanit; Khajohn Joonlasak; Kingkan Rakmanee; Krittikorn Kumpornsin; Namfon Kotanan; Stefan Fernandez; Thanat Chookakarn; Treewat Watthanachockchai; Wasun Chantrattita; Wuddichai Manasatienkij																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
EPI_ISL_1544317	EPI_ISL_1544487	EPI_ISL_1564356	EPI_ISL_1631164	EPI_ISL_1631170	EPI_ISL_1631314	EPI_ISL_1631836	EPI_ISL_1631914	EPI_ISL_1632122	EPI_ISL_1632256	EPI_ISL_1652717	EPI_ISL_1652897	EPI_ISL_1697989	EPI_ISL_1700313	EPI_ISL_1700494	EPI_ISL_1718700	EPI_ISL_1740551	EPI_ISL_1740611	EPI_ISL_1740633	EPI_ISL_1740691	EPI_ISL_1740754	EPI_ISL_1740766	EPI_ISL_1741325	EPI_ISL_1758982	EPI_ISL_1790217	EPI_ISL_1790323	EPI_ISL_1790364	EPI_ISL_1790372	EPI_ISL_1790378	EPI_ISL_1790415	EPI_ISL_1829814	EPI_ISL_1829841	EPI_ISL_1829894	EPI_ISL_1829951	EPI_ISL_1829958	EPI_ISL_1829967	EPI_ISL_1830001	EPI_ISL_1830033	EPI_ISL_1830108	EPI_ISL_1830209	EPI_ISL_1830245	EPI_ISL_1857631	EPI_ISL_1857673	EPI_ISL_1857699	EPI_ISL_1857728	EPI_ISL_1857758	EPI_ISL_1857770	EPI_ISL_1857779	EPI_ISL_1857799	EPI_ISL_1857823	EPI_ISL_1857829	EPI_ISL_1857836	EPI_ISL_1857843	EPI_ISL_1857850	EPI_ISL_1857857	EPI_ISL_1857864	EPI_ISL_1857871	EPI_ISL_1857878	EPI_ISL_1857885	EPI_ISL_1857892	EPI_ISL_1857899	EPI_ISL_1857906	EPI_ISL_1857913	EPI_ISL_1857920	EPI_ISL_1857927	EPI_ISL_1857934	EPI_ISL_1857941	EPI_ISL_1857948	EPI_ISL_1857955	EPI_ISL_1857962	EPI_ISL_1857969	EPI_ISL_1857976	EPI_ISL_1857983	EPI_ISL_1857990	EPI_ISL_1857997	EPI_ISL_1858004	EPI_ISL_1858011	EPI_ISL_1858018	EPI_ISL_1858025	EPI_ISL_1858032	EPI_ISL_1858039	EPI_ISL_1858046	EPI_ISL_1858053	EPI_ISL_1858060	EPI_ISL_1858067	EPI_ISL_1858074	EPI_ISL_1858081	EPI_ISL_1858088	EPI_ISL_1858095	EPI_ISL_1858102	EPI_ISL_1858109	EPI_ISL_1858116	EPI_ISL_1858123	EPI_ISL_1858130	EPI_ISL_1858137	EPI_ISL_1858144	EPI_ISL_1858151	EPI_ISL_1858158	EPI_ISL_1858165	EPI_ISL_1858172	EPI_ISL_1858179	EPI_ISL_1858186	EPI_ISL_1858193	EPI_ISL_1858200	EPI_ISL_1858207	EPI_ISL_1858214	EPI_ISL_1858221	EPI_ISL_1858228	EPI_ISL_1858235	EPI_ISL_1858242	EPI_ISL_1858249	EPI_ISL_1858256	EPI_ISL_1858263	EPI_ISL_1858270	EPI_ISL_1858277	EPI_ISL_1858284	EPI_ISL_1858291	EPI_ISL_1858298	EPI_ISL_1858305	EPI_ISL_1858312	EPI_ISL_1858319	EPI_ISL_1858326	EPI_ISL_1858333	EPI_ISL_1858340	EPI_ISL_1858347	EPI_ISL_1858354	EPI_ISL_1858361	EPI_ISL_1858368	EPI_ISL_1858375	EPI_ISL_1858382	EPI_ISL_1858389	EPI_ISL_1858396	EPI_ISL_1858403	EPI_ISL_1858410	EPI_ISL_1858417	EPI_ISL_1858424	EPI_ISL_1858431	EPI_ISL_1858438	EPI_ISL_1858445	EPI_ISL_1858452	EPI_ISL_1858459	EPI_ISL_1858466	EPI_ISL_1858473	EPI_ISL_1858480	EPI_ISL_1858487	EPI_ISL_1858494	EPI_ISL_1858501	EPI_ISL_1858508	EPI_ISL_1858515	EPI_ISL_1858522	EPI_ISL_1858529	EPI_ISL_1858536	EPI_ISL_1858543	EPI_ISL_1858550	EPI_ISL_1858557	EPI_ISL_1858564	EPI_ISL_1858571	EPI_ISL_1858578	EPI_ISL_1858585	EPI_ISL_1858592	EPI_ISL_1858599	EPI_ISL_1858606	EPI_ISL_1858613	EPI_ISL_1858620	EPI_ISL_1858627	EPI_ISL_1858634	EPI_ISL_1858641	EPI_ISL_1858648	EPI_ISL_1858655	EPI_ISL_1858662	EPI_ISL_1858669	EPI_ISL_1858676	EPI_ISL_1858683	EPI_ISL_1858690	EPI_ISL_1858697	EPI_ISL_1858704	EPI_ISL_1858711	EPI_ISL_1858718	EPI_ISL_1858725	EPI_ISL_1858732	EPI_ISL_1858739	EPI_ISL_1858746	EPI_ISL_1858753	EPI_ISL_1858760	EPI_ISL_1858767	EPI_ISL_1858774	EPI_ISL_1858781	EPI_ISL_1858788	EPI_ISL_1858795	EPI_ISL_1858802	EPI_ISL_1858809	EPI_ISL_1858816	EPI_ISL_1858823	EPI_ISL_1858830	EPI_ISL_1858837	EPI_ISL_1858844	EPI_ISL_1858851	EPI_ISL_1858858	EPI_ISL_1858865	EPI_ISL_1858872	EPI_ISL_1858879	EPI_ISL_1858886	EPI_ISL_1858893	EPI_ISL_1858900	EPI_ISL_1858907	EPI_ISL_1858914	EPI_ISL_1858921	EPI_ISL_1858928	EPI_ISL_1858935	EPI_ISL_1858942	EPI_ISL_1858949	EPI_ISL_1858956	EPI_ISL_1858963	EPI_ISL_1858970	EPI_ISL_1858977	EPI_ISL_1858984	EPI_ISL_1858991	EPI_ISL_1858998	EPI_ISL_1859005	EPI_ISL_1859012	EPI_ISL_1859019	EPI_ISL_1859026	EPI_ISL_1859033	EPI_ISL_1859040	EPI_ISL_1859047	EPI_ISL_1859054	EPI_ISL_1859061	EPI_ISL_1859068	EPI_ISL_1859075	EPI_ISL_1859082	EPI_ISL_1859089	EPI_ISL_1859096	EPI_ISL_1859103	EPI_ISL_1859110	EPI_ISL_1859117	EPI_ISL_1859124	EPI_ISL_1859131	EPI_ISL_1859138	EPI_ISL_1859145	EPI_ISL_1859152	EPI_ISL_1859159	EPI_ISL_1859166	EPI_ISL_1859173	EPI_ISL_1859180	EPI_ISL_1859187	EPI_ISL_1859194	EPI_ISL_1859201	EPI_ISL_1859208	EPI_ISL_1859215	EPI_ISL_1859222	EPI_ISL_1859229	EPI_ISL_1859236	EPI_ISL_1859243	EPI_ISL_1859250	EPI_ISL_1859257	EPI_ISL_1859264	EPI_ISL_1859271	EPI_ISL_1859278	EPI_ISL_1859285	EPI_ISL_1859292	EPI_ISL_1859299	EPI_ISL_1859306	EPI_ISL_1859313	EPI_ISL_1859320	EPI_ISL_1859327	EPI_ISL_1859334	EPI_ISL_1859341	EPI_ISL_1859348	EPI_ISL_1859355	EPI_ISL_1859362	EPI_ISL_1859369	EPI_ISL_1859376	EPI_ISL_1859383	EPI_ISL_1859390	EPI_ISL_1859397	EPI_ISL_1859404	EPI_ISL_1859411	EPI_ISL_1859418	EPI_ISL_1859425	EPI_ISL_1859432	EPI_ISL_1859439	EPI_ISL_1859446	EPI_ISL_1859453	EPI_ISL_1859460	EPI_ISL_1859467	EPI_ISL_1859474	EPI_ISL_1859481	EPI_ISL_1859488	EPI_ISL_1859495	EPI_ISL_1859502	EPI_ISL_1859509	EPI_ISL_1859516	EPI_ISL_1859523	EPI_ISL_1859530	EPI_ISL_1859537	EPI_ISL_1859544	EPI_ISL_1859551	EPI_ISL_1859558	EPI_ISL_1859565	EPI_ISL_1859572	EPI_ISL_1859579	EPI_ISL_1859586	EPI_ISL_1859593	EPI_ISL_1859600	EPI_ISL_1859607	EPI_ISL_1859614	EPI_ISL_1859621	EPI_ISL_1859628	EPI_ISL_1859635	EPI_ISL_1859642	EPI_ISL_1859649	EPI_ISL_1859656	EPI_ISL_1859663	EPI_ISL_1859670	EPI_ISL_1859677	EPI_ISL_1859684	EPI_ISL_1859691	EPI_ISL_1859698	EPI_ISL_1859705	EPI_ISL_1859712	EPI_ISL_1859719	EPI_ISL_1859726	EPI_ISL_1859733	EPI_ISL_1859740	EPI_ISL_1859747	EPI_ISL_1859754	EPI_ISL_1859761	EPI_ISL_1859768	EPI_ISL_1859775	EPI_ISL_1859782	EPI_ISL_1859789	EPI_ISL_1859796	EPI_ISL_1859803	EPI_ISL_1859810	EPI_ISL_1859817	EPI_ISL_1859824	EPI_ISL_1859831	EPI_ISL_1859838	EPI_ISL_1859845	EPI_ISL_1859852	EPI_ISL_1859859	EPI_ISL_1859866	EPI_ISL_1859873	EPI_ISL_1859880	EPI_ISL_1859887	EPI_ISL_1859894	EPI_ISL_1859901	EPI_ISL_1859908	EPI_ISL_1859915	EPI_ISL_1859922	EPI_ISL_1859929	EPI_ISL_1859936	EPI_ISL_1859943	EPI_ISL_1859950	EPI_ISL_1859957	EPI_ISL_1859964	EPI_ISL_1859971	EPI_ISL_1859978	EPI_ISL_1859985	EPI_ISL_1859992	EPI_ISL_1860000	EPI_ISL_1860007	EPI_ISL_1860014	EPI_ISL_1860021	EPI_ISL_1860028	EPI_ISL_1860035	EPI_ISL_1860042	EPI_ISL_1860049	EPI_ISL_1860056	EPI_ISL_1860063	EPI_ISL_1860070	EPI_ISL_1860077	EPI_ISL_1860084	EPI_ISL_1860091	EPI_ISL_1860098	EPI_ISL_1860105	EPI_ISL_1860112	EPI_ISL_1860119	EPI_ISL_1860126	EPI_ISL_1860133	EPI_ISL_1860140	EPI_ISL_1860147	EPI_ISL_1860154	EPI_ISL_1860161	EPI_ISL_1860168	EPI_ISL_1860175	EPI_ISL_1860182	EPI_ISL_1860189	EPI_ISL_1860196	EPI_ISL_1860203	EPI_ISL_1860210	EPI_ISL_1860217	EPI_ISL_1860224	EPI_ISL_1860231	EPI_ISL_1860238	EPI_ISL_1860245	EPI_ISL_1860252	EPI_ISL_1860259	EPI_ISL_1860266	EPI_ISL_1860273	EPI_ISL_1860280	EPI_ISL_1860287	EPI_ISL_1860294	EPI_ISL_1860301	EPI_ISL_1860308	EPI_ISL_1860315	EPI_ISL_1860322	EPI_ISL_1860329	EPI_ISL_1860336	EPI_ISL_1860343	EPI_ISL_1860350	EPI_ISL_1860357	EPI_ISL_1860364	EPI_ISL_1860371	EPI_ISL_1860378	EPI_ISL_1860385	EPI_ISL_1860392	EPI_ISL_1860399	EPI_ISL_1860406	EPI_ISL_1860413	EPI_ISL_1860420	EPI_ISL_1860427	EPI_ISL_1860434	EPI_ISL_1860441	EPI_ISL_1860448	EPI_ISL_1860455	EPI_ISL_1860462	EPI_ISL_1860469	EPI_ISL_1860476	EPI_ISL_1860483	EPI_ISL_1860490	EPI_ISL_1860497	EPI_ISL_1860504	EPI_ISL_1860511	EPI_ISL_1860518	EPI_ISL_1860525	EPI_ISL_1860532	EPI_ISL_1860539	EPI_ISL_1860546	EPI_ISL_1860553	EPI_ISL_1860560	EPI_ISL_1860567	EPI_ISL_1860574	EPI_ISL_1860581	EPI_ISL_1860588	EPI_ISL_1860595	EPI_ISL_1860602	EPI_ISL_1860609	EPI_ISL_1860616	EPI_ISL_1860623	EPI_ISL_1860630	EPI_ISL_1860637	EPI_ISL_1860644	EPI_ISL_1860651	EPI_ISL_1860658	EPI_ISL_1860665	EPI_ISL_1860672	EPI_ISL_1860679	EPI_ISL_1860686	EPI_ISL_1860693	EPI_ISL_1860700	EPI_ISL_1860707	EPI_ISL_1860714	EPI_ISL_1860721	EPI_ISL_1860728	EPI_ISL_1860735	EPI_ISL_1860742	EPI_ISL_1860749	EPI_ISL_1860756	EPI_ISL_1860763	EPI_ISL_1860770	EPI_ISL_1860777	EPI_ISL_1860784	EPI_ISL_1860791	EPI_ISL_1860798	EPI_ISL_1860805	EPI_ISL_1860812	EPI_ISL_1860819	EPI_ISL_1860826	EPI_ISL_1860833	EPI_ISL_1860840	EPI_ISL_1860847	EPI_ISL_1860854	EPI_ISL_1860861	EPI_ISL_1860868	EPI_ISL_1860875	EPI_ISL_1860882	EPI_ISL_1860889	EPI_ISL_1860896	EPI_ISL_1860903	EPI_ISL_1860910	EPI_ISL_1860917	EPI_ISL_1860924	EPI_ISL_1860931	EPI_ISL_1860938	EPI_ISL_1860945	EPI_ISL_1860952	EPI_ISL_1860959	EPI_ISL_1860966	EPI_ISL_1860973	EPI_ISL_1860980	EPI_ISL_1860987	EPI_ISL_1860994	EPI_ISL_1860999	EPI_ISL_1861000	EPI_ISL_1861001	EPI_ISL_1861002	EPI_ISL_1861003	EPI_ISL_1861004	EPI_ISL_1861005	EPI_ISL_1861006	EPI_ISL_1861007	EPI_ISL_1861008	EPI_ISL_1861009	EPI_ISL_1861010	EPI_ISL_1861011	EPI_ISL_1861012	EPI_ISL_1861013	EPI_ISL_1861014	EPI_ISL_1861015	EPI_ISL_1861016	EPI_ISL_1861017	EPI_ISL_1861018	EPI_ISL_1861019	EPI_ISL_1861020	EPI_ISL_1861021	EPI_ISL_1861022	EPI_ISL_1861023	EPI_ISL_1861024	EPI_ISL_1861025	EPI_ISL_1861026	EPI_ISL_1861027	EPI_ISL_1861028	EPI_ISL_1861029	EPI_ISL_1861030	EPI_ISL_1861031	EPI_ISL_1861032	EPI_ISL_1861033	EPI_ISL_1861034	EPI_ISL_1861035	EPI_ISL_1861036	EPI_ISL_1861037	EPI_ISL_1861038	EPI_ISL_1861039	EPI_ISL_1861040	EPI_ISL_1861041	EPI_ISL_

EPI_ISL_2115100 EPI_ISL_1847807, EPI_ISL_2112265, EPI_ISL_2263654, EPI_ISL_2264324, EPI_ISL_2314589	SYNLAB MVZ Leinfelden-Echterdingen	Robert Koch Institute	
EPI_ISL_1728331, EPI_ISL_2118464 EPI_ISL_2126843, EPI_ISL_2130246, EPI_ISL_2263790	SYNLAB MVZ Leverkusen  SYNLAB MVZ Trier	Robert Koch Institute  Robert Koch Institute	
EPI_ISL_2126453, EPI_ISL_2126465, EPI_ISL_2267618, EPI_ISL_2267676, EPI_ISL_2267677, EPI_ISL_2267689, EPI_ISL_2267834, EPI_ISL_2267842, EPI_ISL_2267850 see above	SYNLAB MVZ Weiden	Robert Koch Institute	
EPI_ISL_2035736, EPI_ISL_2035737, EPI_ISL_2035738, EPI_ISL_2035739, EPI_ISL_2035740, EPI_ISL_2035741, EPI_ISL_2035742, EPI_ISL_2035743, EPI_ISL_2035744, EPI_ISL_2035745, EPI_ISL_2035746, EPI_ISL_2035747, EPI_ISL_2035748, EPI_ISL_2035749, EPI_ISL_2035750, EPI_ISL_2035751 see above	San Gallicano Dermatological Institute I.F.O.	INMI Lazzaro Spallanzani IRCCS	A Di Caro; A Mastrofrancesco; B Bartolini; CEM Gruber; E Giombini; E Trento; EG Di Domenico; F Ensoli; F Messina; F Pimpinelli; F Santini; G Bonfiglio; G D'Agosto; G Prignano; I Cavallo; M Pontone; M Rueca; MR Capobianchi; O Butera
EPI_ISL_2200633 EPI_ISL_1794936 EPI_ISL_2011443, EPI_ISL_2011445	Schweizer Paraplegiker Zentrum Scripps Medical Laboratory Seattle Flu Study	Institute of Medical Virology Andersen lab at Scripps Research Seattle Flu Study	Alexandra Trkola; Annette Audigé; Cyril Shah; Gabriela Ziltener; Guido Bloemberg; Jon Huder; Jürg Böni; Kevin Steiner; Maria Grünberg; Maryam Zaheri; Michael Huber; Riccarda Capaul; Stefan Schmutz; Verena Kufner Ellen Stefanski; Ian Mchardy; SEARCH Alliance San Diego with Michael Quigley Amanda Adler; Barry R. Lutz; Benjamin Pelle; Caitlin R. Wolf; Chris D. Frazer; Deborah A. Nickerson; Elisabeth Brandstetter; Erica Ryke; Helen Y. Chu; Janet A. Englund; Jay Shendure; Jeff Duchin; Jover Lee; Kairsten Fay; Karen Cowgill; Kirsten Lacombe; Lea M. Starita; Mark J. Rieder; Matthew Richardson; Matthew Thompson; Melissa Truong; Michael Boeckh; Michael Famulare; Misja Ilcisin; Peter D. Han; Stephanie Schrag; Thomas R. Sibley; Trevor Bedford
EPI_ISL_2140071	Servicio Virosis Respiratorias-Departamento Virología-INEI	Instituto Nacional Enfermedades Infecciosas C.G.Malbran	Avaro M.; Baumeister E.; Benedetti E.; Campos J.; Cisterna D.; Dattero ME; Lorenzo F.; Molina V.; Perandones C.; Poklepovich T.; Pontoriero A.; Russo M.; Tuduri E.
EPI_ISL_2231198 EPI_ISL_1969690 EPI_ISL_2314308 EPI_ISL_2314310	Sharp HealthCare Laboratory Singapore General Hospital Sonic - Labor Dr. von Foreich GmbH Sonic - Labor Lademannbogen MVZ GmbH	Andersen lab at Scripps Research Department of Microbiology Robert Koch Institute Robert Koch Institute	Art Mendoza; Cathy Woerle; Jacquelyn Berumen; Liam McGinnis; Omid Bakhtar; SEARCH Alliance San Diego with Aaron Harding James Sim Heng Chiak; Karrie Ko; Kenneth Xin Long Chan; Kern Rei Chng; Kian Sing Chan; Kun Lee Lim; Lynette Oon; Niranjan Nagarajan; Nurdyana Abdul Rahman; Sui Sin Goh; Suphaviail Chayaporn
EPI_ISL_2260662, EPI_ISL_2260689, EPI_ISL_2260735, EPI_ISL_2260774, EPI_ISL_2260807, EPI_ISL_2260829, EPI_ISL_2260879 see above	Sonic - MVZ Medizinisches Labor Bremen GmbH	Robert Koch Institute	
EPI_ISL_1904449, EPI_ISL_1904454, EPI_ISL_1904457, EPI_ISL_1904459, EPI_ISL_1904460, EPI_ISL_1904462, EPI_ISL_1904463, EPI_ISL_1904464, EPI_ISL_1904465, EPI_ISL_1904466, EPI_ISL_1904468, EPI_ISL_1904469, EPI_ISL_1904470 see above	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_2230722 EPI_ISL_1731752, EPI_ISL_1731753, EPI_ISL_1731754, EPI_ISL_1731755, EPI_ISL_1914584, EPI_ISL_1914588, EPI_ISL_1914591, EPI_ISL_1914592, EPI_ISL_1914593, EPI_ISL_1914594, EPI_ISL_1914595, EPI_ISL_1914596, EPI_ISL_1914597, EPI_ISL_1914598, EPI_ISL_1969753, EPI_ISL_2098710, EPI_ISL_2098714, EPI_ISL_2098715, EPI_ISL_2098716, EPI_ISL_2098717, EPI_ISL_2098718, EPI_ISL_2098719, EPI_ISL_2098720, EPI_ISL_2098721, EPI_ISL_2098722, EPI_ISL_2307102, EPI_ISL_2307105, EPI_ISL_2307107, EPI_ISL_2307108, EPI_ISL_2307109, EPI_ISL_2307110, EPI_ISL_2307111, EPI_ISL_2307112, EPI_ISL_2307113, EPI_ISL_2307114, EPI_ISL_2307115, EPI_ISL_2307116, EPI_ISL_2307117, EPI_ISL_2307118, EPI_ISL_2307119, EPI_ISL_2307120, EPI_ISL_2307121, EPI_ISL_2307122, EPI_ISL_2307123, EPI_ISL_2307124, EPI_ISL_2307125, EPI_ISL_2307127, EPI_ISL_2307129, EPI_ISL_2307130, EPI_ISL_2307131, EPI_ISL_2307132, EPI_ISL_2307133, EPI_ISL_2307134, EPI_ISL_2307135, EPI_ISL_2307136 see above	Southern Nevada Public Health Laboratory  Southern Nevada Public Health Laboratory  State Virus Research and Diagnostic Laboratory (VRDL), AIIMS Raipur	Michael Picker   Anudita Bhargava; Jiyan Chandrawanshi; Kuldeep Sharma; MD Rafiullah Khan; Priyanka Singh; Pushpendra Singh; Sanjay Singh Negi; Somya Sharma	
EPI_ISL_2262371, EPI_ISL_2313955 EPI_ISL_2091024	Städtisches Klinikum Dresden Institut für Klinische Chemie und Laboratoriumsmedizin  Sultanah Aminah Hospital, Johor Bahru	Robert Koch Institute  Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia	  Azizan MA; Kamel K; Mohd Zawawi Z; Ramly N; Robert F; Suppiah J; Thayan R
EPI_ISL_1972356, EPI_ISL_2091020	Sungai Buloh Hospital	Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia	Azizan MA; Kamel K; Mohd Zawawi Z; Ramly N; Robert F; Suppiah J; Thayan R
EPI_ISL_1808683, EPI_ISL_1808686, EPI_ISL_1899297, EPI_ISL_2032727, EPI_ISL_2033405, EPI_ISL_2033751, EPI_ISL_2034582, EPI_ISL_2034589, EPI_ISL_2205865, EPI_ISL_2209223, EPI_ISL_2257706 see above	Swedish national genomic surveillance program of SARS-CoV-2 Swissbel Hotel Airport	The Public Health Agency of Sweden National Institute of Health Research and Development	Alma Brolund; Maria Lind Karlberg; Maximilian Riess; Swedish national genomic surveillance program of SARS-CoV-2 Arie Ardiansyah Nugraha; Hana Aparsi Pawestri; Hartanti Dian Ikawati; Kartika Dewi Puspa; Krisna Pangesti; Nelly Puspandari; Subangkit; Triyani Soekarso; Vivi Setiawaty
EPI_ISL_2248985, EPI_ISL_2249005, EPI_ISL_2249015 EPI_ISL_1851555, EPI_ISL_2266918, EPI_ISL_2267203, EPI_ISL_2267288 EPI_ISL_2141442, EPI_ISL_2177412 EPI_ISL_2081386	Synlab  Synlab MVZ Augsburg  TXDSHS  Tampa General Hospital Esoteric Lab	Instituto Nacional de Saude (INSA)  Robert Koch Institute  TXDSHS	Borges et al   Anita Pokharel; Bonnie Oh; Chun Wang; Grace Kubin; Jenny Zhang; Karen Bobier; Lorraine Rodriguez; Maliha Rahman; Mayela Pedrueza; Myong Koag; Rachel Lee; Rashmi Tuladhar
EPI_ISL_2230038 EPI_ISL_1837991, EPI_ISL_1838012, EPI_ISL_1838023, EPI_ISL_1838042, EPI_ISL_1838045, EPI_ISL_1838063, EPI_ISL_1838073, EPI_ISL_1838080, EPI_ISL_1838083, EPI_ISL_1838086, EPI_ISL_1838109, EPI_ISL_1838114, EPI_ISL_1838123, EPI_ISL_1838125, EPI_ISL_1838134, EPI_ISL_1838151, EPI_ISL_1838194, EPI_ISL_1838217, EPI_ISL_1838225, EPI_ISL_1838229, EPI_ISL_1838260, EPI_ISL_1838262, EPI_ISL_1838265, EPI_ISL_1838282, EPI_ISL_1838285, EPI_ISL_1838292, EPI_ISL_1838312, EPI_ISL_1838315, EPI_ISL_1838327, EPI_ISL_1838337 see above	The Jackson Laboratory  The Jackson Laboratory  The National Centre for Cell Science	Adams M; Bergeron D; Kelly K; Li L; Long J; Omerza G; Renzette N  Ajay Pillai; Amreshwar Vodapalli; Ara Sreenivas; Archana Bharadwaj Siva; B Himasri; Blessy B John; Dhiraj Paul; Divya Tej Sowpati; INSACOG Consortium team; Karthik Bharadwaj Tallapaka; Lamuk Zaveri; Manoj Kumar Bhat; Mitali Inamdar; Mohak P.Gujare; Onkar Kulkarni; Payel Mukherjee; Rakesh K Mishra; Sharath Chandra Thota; Shivang P. Bhanushali; Shreekant Verma; Sofia Banu; Sonal Manik Chavan; Tulasi Nagabandi; Valli Nagalakshmi Undamata; Viswagithe S L; Yogesh Shouche	
EPI_ISL_2140878	The Ohio State University Applied Microbiology Services Laboratory	The Ohio State University Applied Microbiology Services Laboratory	Seth A. Faith PhD
EPI_ISL_2033745 EPI_ISL_2301382	Translational Health Science and Technology Institute -ESIC medical college and hospital, Faridabad UCK	THSTI Bioassay laboratory 1. Tricity SARS-CoV-2 sequencing consortium: University of Gdansk, Medical University of Gdansk, Vaxican Ltd., Invicta Ltd. 2. National Institute of Public Health - National Institute of Hygiene, Warsaw, Poland	Akshay Kanakan; Anil Pandey; Guruprasad R Medigeshi; Heena Shaman; Janani Srinivasa Vasudevan; Jigme Wangchuk; Naseem Ahmed Khan; Neha Jha; Priyanka Mehta; Rajesh Pandey; Ranjeet Maurya Celina Cybulska; Karolina Gackowska; Katarzyna Groth; Katarzyna Zacharczuk; Krystyna Bienkowska Szewczyk; Lukasz Rabalski; Maciej Grzybek; Maciej Kosinski; Magdalena Nowakowska; Marcin Lubocki; Malgorzata Sadkowska-Todys; Tomasz Wolkowicz
EPI_ISL_2249202, EPI_ISL_2249204	ULS Litoral Alentejano	Instituto Nacional de Saude (INSA) and Centro de Investigação em Biodiversidade e Recursos Geneticos (CIBIO), Universidade do Porto	Borges et al
EPI_ISL_2249115	ULS Litoral Alentejano	Instituto Nacional de Saude (INSA) and Institute of Biomedicine (IBiMed), Universidade de Aveiro	Borges et al
EPI_ISL_1993936, EPI_ISL_2099526, EPI_ISL_2132653 EPI_ISL_2249024, EPI_ISL_2249037, EPI_ISL_2249038	UMC Groningen, Clinical Virology, Department of Medical Microbiology and Infection Prevention  UNILABS	UMC Groningen, Clinical Virology, Department of Medical Microbiology and Infection Prevention Instituto Nacional de Saude (INSA)	Alexander Friedrich; Coretta Van Leer-Buter; Erley Lizarazo-Forero; Hubert Niesters; Lilli Gard; Marjolein Knoester; Monika Fliss; Sigrid Rosema; Xuewei Zhou  Borges et al
EPI_ISL_2279524, EPI_ISL_2279552	URMC LABS	Wadsworth Center, New York State Department of Health	Alexis Russell; Catharine Prussing; Daryl M. Lamson; Erasmus Schneider; Erica Lasek-Nesselquist; John Kelly; Jonathan Plitnick; Kirsten St. George; Matthew Shudt; Melissa A Leisner; Navjot Singh

EPI_ISL_2260379 EPI_ISL_2018388, EPI_ISL_2229243	USC Clinical Lab UT-Unified State Labs: Public Health Utah DOH	Los Angeles County Public Health Laboratories Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	P. Hemarajata et al. Alison Laufer Halpin; Ben L. Rambo-Martin; Clinton R. Paden; Dakota Howard; Darlene Wagner; Dave Wentworth; Dhvani Batra; Jasmine Padilla; Justin Lee; Katie Dillon; Krista Queen; Kristen Knipe; Kristine Lacek; Mark Burroughs; Matthew Schmeier; Mili Sheth; Peter Cook; Sam Shepard; Sarah Nobles; Shoshona Le; Suxiang Tong; Vivien Dugan; Yvette Unoarumhi
EPI_ISL_1620980, EPI_ISL_1628185, EPI_ISL_1670711, EPI_ISL_1670827, EPI_ISL_1679851, EPI_ISL_1715449, EPI_ISL_1715512, EPI_ISL_1715530, EPI_ISL_1715565, EPI_ISL_1785682, EPI_ISL_1789323, EPI_ISL_1789403, EPI_ISL_1789408, EPI_ISL_1789424, EPI_ISL_1789426, EPI_ISL_1826129, EPI_ISL_1826132, EPI_ISL_1827723, EPI_ISL_1849851, EPI_ISL_1850287, EPI_ISL_2002190, EPI_ISL_2002289, EPI_ISL_2002395, EPI_ISL_2002689, EPI_ISL_2002743, EPI_ISL_2002825, EPI_ISL_2002836, EPI_ISL_2002857, EPI_ISL_2002865, EPI_ISL_2002878, EPI_ISL_2002924, EPI_ISL_2031271, EPI_ISL_2031294, EPI_ISL_2031501, EPI_ISL_2031502, EPI_ISL_2031503, EPI_ISL_2031512, EPI_ISL_2031536, EPI_ISL_2037457, EPI_ISL_2037490, EPI_ISL_2037527, EPI_ISL_2037537, EPI_ISL_2037573, EPI_ISL_2037581, EPI_ISL_2037634, EPI_ISL_2037663, EPI_ISL_2082516, EPI_ISL_2086392, EPI_ISL_2086411, EPI_ISL_2104866, EPI_ISL_2104900, EPI_ISL_2104962, EPI_ISL_2104997, EPI_ISL_2105091, EPI_ISL_2105092, EPI_ISL_2161818, EPI_ISL_2161848, EPI_ISL_2161871, EPI_ISL_2161913, EPI_ISL_2161925, EPI_ISL_2161928, EPI_ISL_2161967, EPI_ISL_2161978, EPI_ISL_2194081, EPI_ISL_2194082, EPI_ISL_2194173, EPI_ISL_2233209, EPI_ISL_2233280, EPI_ISL_2272661, EPI_ISL_2273760, EPI_ISL_2273792, EPI_ISL_2299323, EPI_ISL_2299371, EPI_ISL_2299395, EPI_ISL_2299425, EPI_ISL_2299513	UW Virology Lab	UW Virology Lab	Alexander Greninger; Hong Xie; Keith R Jerome; Lasata Shrestha; Meeli-Li Huang; Michelle Lin; Nathan Breit; Noah R. Baker; Patrick Mathias; Pavitra Roychoudhury; Ricardo Perez; Robert J. Livingston; Saraswathi Sathees; Sean Ellis; Shah Mohamed Bakhsh; Tien V. Nguyen
EPI_ISL_1846441 EPI_ISL_2262379	Uniklinikum Carl Gustav Carus an der TU Dresden; Institut für Virologie Uniklinikum Carl Gustav Carus an der TU Dresden; Institut für Virologie	Robert Koch Institute Robert Koch Institute	
EPI_ISL_1832584, EPI_ISL_1832590, EPI_ISL_1832608, EPI_ISL_1975115, EPI_ISL_1975118, EPI_ISL_1975131, EPI_ISL_2238951, EPI_ISL_2238955, EPI_ISL_2238956, EPI_ISL_2238959, EPI_ISL_2238960, EPI_ISL_2238963, EPI_ISL_2238964, EPI_ISL_2238965, EPI_ISL_2238981, EPI_ISL_2238982	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_2091086, EPI_ISL_2193386	University Hospitals Translational Laboratory (UHTL), University Hospitals	University Hospitals Translational Laboratory (UHTL), University Hospitals	Alouani, D.; Sadri, N.; Song, X.
EPI_ISL_1811202, EPI_ISL_1963016, EPI_ISL_1963298, EPI_ISL_1963299, EPI_ISL_1963300, EPI_ISL_2104479, EPI_ISL_2104494	University Hospitals of Geneva, Laboratory of Virology	HUG, Laboratory of Virology and the Health2030 Genome Center	Ana Rita Goncalves; Deborah Penet; Emmanouil Dermitzakis; Henri Pegeot; Ioannis Xenarios; Keith Harshman; Laurent Kaiser; Lorenzo Cerutti; Melyssa Elies; Samuel Cordey
EPI_ISL_1922125	University of Bari Biomedical Sciences and Human Oncology	University of Bari Biomedical Sciences and Human Oncology	Accogli M.; Chironna M.; Loconsole D.; Sallustio A.
EPI_ISL_1970752, EPI_ISL_2003297, EPI_ISL_2003438, EPI_ISL_2245238, EPI_ISL_2289002	University of Liège COVID-19 testing center	GIGA Medical Genomics	Bouchra Boujemla; Cécile Meex; Fabrice Bureau; Keith Durkin; Laurent Gillet; Maria Artesi; Marie-Pierre Hayette; Nathalie Renotte; Pierrette Melin; Raphaël Boreux; Sébastien Bontems; Vincent Bours; Wouter Coppieters
EPI_ISL_1919930, EPI_ISL_2001270, EPI_ISL_2001286, EPI_ISL_2003649, EPI_ISL_2100385, EPI_ISL_2100391, EPI_ISL_2136247	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_2224331	University of Mississippi Medical Center, Department of Pathology	University of Mississippi Medical Center, Molecular and Genomics Core Facility	Ashley C. Johnson; D. Ashley Robinson; Ithiel J. Frame; Krishna K. Ayyalasomayajula; Michael R. Garrett
EPI_ISL_2264489, EPI_ISL_2264511, EPI_ISL_2264534, EPI_ISL_2315667	Universitätsklinikum Bonn - Institut für Virologie	Robert Koch Institute	
EPI_ISL_2264533 EPI_ISL_2290622	Universitätsklinikum des Saarlandes - Institut für Virologie Uniwersyteckie Centrum Kliniczne	Robert Koch Institute 1. National Institute of Public Health - National Institute of Hygiene, Warsaw, Poland 2. Biobank Lab, University of Lodz 3. Laboratory of Respiratory Viruses, Teaching and Clinical Center of the Medical University of Lodz	Dominik Strapagiel; Izabela Dróżdż; Jakub Lach; Katarzyna Zacharczuk; Klaudyna Królikowska; Maciej Borowiec; Magdalena Nowakowska; Magdalena Traczyk-Borszyńska; Marcin Słomka; Marta Sobalska-Kwapis; Małgorzata Sadkowska-Todys; Tomasz Płoszaj; Tomasz Wolkowicz
EPI_ISL_2020930, EPI_ISL_2020931, EPI_ISL_2020932, EPI_ISL_2020933, EPI_ISL_2020934, EPI_ISL_2020935, EPI_ISL_2020936, EPI_ISL_2020952, EPI_ISL_2020953, EPI_ISL_2020954, EPI_ISL_2020955, EPI_ISL_2020956, EPI_ISL_2020957, EPI_ISL_2020958, EPI_ISL_2020959, EPI_ISL_2020960	Urban Public Health Centre (UPHC), SECTOR-2, Gandhinagar	Gujarat Biotechnology Research Centre	Amit Kanani; Amrutlal Patel; Bhargav Waghela; Bhumika Prajapati; Chaitanya Joshi; Dinesh Kumar; Janvi Raval; Kalpesh Goswami; Madhvi Joshi; Nilen Patel; Nitesh Shah; Nitin Savaliya; Ramesh Pandit; Sonal Sharma; Tejendra Purohit; Twinkle Soni; Umang Mishra; Zarna Patel; Zuber Saiyed
EPI_ISL_2284693, EPI_ISL_2284699, EPI_ISL_2290872, EPI_ISL_2291743, EPI_ISL_2291745, EPI_ISL_2291749, EPI_ISL_2291802, EPI_ISL_2292130, EPI_ISL_2292131, EPI_ISL_2292137, EPI_ISL_2292170, EPI_ISL_2292173, EPI_ISL_2292394, EPI_ISL_2292414, EPI_ISL_2292558, EPI_ISL_2292612, EPI_ISL_2292738, EPI_ISL_2292902, EPI_ISL_2292937, EPI_ISL_2292941, EPI_ISL_2292972	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin L. Young; Kelly F. Oakeson; Tara Gallagher
EPI_ISL_1824682, EPI_ISL_1824683, EPI_ISL_1824684, EPI_ISL_2285157, EPI_ISL_2285158, EPI_ISL_2285159, EPI_ISL_2285160, EPI_ISL_2285161	VITHAS Lab	Microbiology Department. Complexo Hospitalario Universitario de Vigo	Camacho AT; Perez S; Rigueiro B
EPI_ISL_2017748	VRDL, Government Medical College (GMC) and Hospital, Valsad	Gujarat Biotechnology Research Centre	Chaitanya Joshi; Dinesh Kumar; Janvi Raval; Madhvi Joshi; Nitesh Shah; Nitin Savaliya; Ramesh Pandit; Sonal Sharma; Twinkle Soni; Umang Mishra; Vicky Gandhi; Zarna Patel; Zuber Saiyed
EPI_ISL_2001187, EPI_ISL_2001188, EPI_ISL_2001189, EPI_ISL_2001190, EPI_ISL_2001191, EPI_ISL_2001192, EPI_ISL_2001193, EPI_ISL_2001194, EPI_ISL_2001195, EPI_ISL_2001196, EPI_ISL_2001201, EPI_ISL_2001203, EPI_ISL_2001211, EPI_ISL_2001212, EPI_ISL_2017728, EPI_ISL_2017731, EPI_ISL_2017734, EPI_ISL_2017735, EPI_ISL_2017737, EPI_ISL_2017738, EPI_ISL_2017740, EPI_ISL_2017744	VRDL, Government Medical College (GMC), Surat	Gujarat Biotechnology Research Centre	Chaitanya Joshi; Dinesh Kumar; Janvi Raval; Madhvi Joshi; Neeta Khandelwal; Nitesh Shah; Nitin Savaliya; Ramesh Pandit; Sonal Sharma; Twinkle Soni; Umang Mishra; Zarna Patel; Zuber Saiyed
EPI_ISL_1662284, EPI_ISL_1663498, EPI_ISL_1663501, EPI_ISL_1663502	Veer Surendra Sai Institute of Medical Sciences and Research, Burla, Sambalpur	Institute of Life Sciences - INSACOG	Ajay Parida; Amol M. Kanampalliwar; Arup Ghosh; Atimukta Jha; INSACOG Consortium; Punit Prasad; Rajeeb Swain; Rupesh Dash; Safal Walia; Shifu Aggarwal; Sunil K. Raghav
EPI_ISL_1913205, EPI_ISL_1913206, EPI_ISL_1913209, EPI_ISL_1913211	Victorian Infectious Diseases Reference Laboratory (VIDRL)	VIDRL and MDU-PHL	Caly L.; Druce J.; M.L.; N.L.; Sait; Seemann T.; Sherry
EPI_ISL_1658609, EPI_ISL_1658683, EPI_ISL_1914236, EPI_ISL_1914237, EPI_ISL_1914238, EPI_ISL_1914239	Viollier AG	Department of Biosystems Science and Engineering, ETH Zurich	Andrea Patrignani; Andreia Cabral de Gouvea; Catharine Aquino; Chaoran Chen; Christian Beisel; Christiane Beckmann; Christoph Noppen; David Dreifuss; Deborah Penet; Doris Popovic; Elodie Burcklen; Emmanouil Dermitzakis; Griffin White; Henri Pegeot; Ina Nissen; Ioannis Xenarios; Ivan Topolsky; Jay Tracy; Katharina Jahn; Keith Harshman; Lara Fuhrmann; Laura Neff; Lennart Opitz; Lorenzo Cerutti; Maria Domenica Moccia; Maurice Redondo; Mirjam Feldkamp; Natascha Santacroce; Niko Beerenwinkel; Noemie Santamaria de Souza; Olivier Kobel; Philipp Jablonski; Ralph Schlapbach; Rebecca Denes; Sarah Nadeau; Simon Gruter; Sophie Seidel; Tanja Stadler; Timothy Sykes
EPI_ISL_1750690, EPI_ISL_2017208, EPI_ISL_2017223, EPI_ISL_2017224, EPI_ISL_2017225, EPI_ISL_2018995, EPI_ISL_2019465, EPI_ISL_2019535, EPI_ISL_2212778, EPI_ISL_2307592, EPI_ISL_2307656, EPI_ISL_2307932, EPI_ISL_2308031, EPI_ISL_2308061	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Andrea Patrignani; Andreia Cabral de Gouvea; Catharine Aquino; Chaoran Chen; Christian Beisel; Christiane Beckmann; Christoph Noppen; Daniel Ehrsam; David Dreifuss; Deborah Penet; Doris Popovic; Elodie Burcklen; Emmanouil Dermitzakis; Griffin White; Henri Pegeot; Ina Nissen; Ioannis Xenarios; Isabel Stürmer; Ivan Topolsky; Jay Tracy; Katharina Jahn; Keith Harshman; Lara Fuhrmann; Laura Neff; Lennart Opitz; Lorenzo Cerutti; Maria Domenica Moccia; Maurice Redondo; Mirjam Feldkamp; Natascha Santacroce; Niko Beerenwinkel; Noemie Santamaria de Souza; Olivier Kobel; Philipp Jablonski; Ralph Schlapbach; Rebecca Denes; Sarah Nadeau; Simon Gruter; Sophie Seidel; Tanja Stadler; Timothy Sykes
EPI_ISL_2100241, EPI_ISL_2100242	Viral Respiratory Infections Laboratory, Cantacuzino National Military-Medical Institute	Cantacuzino Institute Virology	Carmen Cherciu; Mihaela Lazar; Mihaela Oprea; Sorin Dinu
EPI_ISL_2135843, EPI_ISL_2135844, EPI_ISL_2135845	Viral Respiratory Lab, National Institute for Biomedical Research (INRB)	Pathogen Sequencing Lab, National Institute for Biomedical Research (INRB)	Allison Black; Amuri Aziza; Andrew Rambaut; Catherine Pratt; Eddy Kinganda-Lusamaki; Edith Nkwembe; Emmanuel Lokilo Lofiko; Francisca Muyembe Mawete; Ian Goodfellow; James Hadfield; Jean Claude Makangara; Jean-Jacques Muyembe Tamfum; Josh Quick; Kristian Andersen; Matthias Pauthner; Michael Wiley; Nick Loman; Placide Mbala-Kingebeni; Steve Ahuka-Mundeke; Trevor Bedford
EPI_ISL_1805678, EPI_ISL_2003700, EPI_ISL_2229435	Virginia Division of Consolidated Laboratory Services	Virginia Division of Consolidated Laboratory Services	Virginia DCLS
EPI_ISL_2115511	Virologisches Institut des Universitätsklinikums Erlangen	Robert Koch Institute	
EPI_ISL_1970570, EPI_ISL_1970571, EPI_ISL_1970572, EPI_ISL_1970573, EPI_ISL_1970574, EPI_ISL_1970575	Virology Laboratory, Scientific Department, Army Medical Center	Virology Laboratory, Scientific Department, Army Medical Center	Anella Monte; Anna Anselmo; Antonella Fortunato; Filippo Molinari; Florigio Lista; Francesco Giordani; Giancarlo Petralito; Giandomenico Cerreto; Giulia Campoli; Lucia Nicosia; Marzia Cavalli; Riccardo De Sanctis; Rossella Brandi; Silvia Filio; Vanessa Vera Fain
EPI_ISL_1789541, EPI_ISL_1789542	WHO National Influenza Centre Russian Federation	WHO National Influenza Centre Russian Federation	Andrey Komissarov; Artem Fadeev; Daria Danilenko; Dmitry Lioznov; Elena Nabieva; Georgii Bazykin; Ksenia Safina; Kseniya Komissarova; Maria Pisareva; Maria Timofeeva; Mikhail Bakaev; Oula Mansour; Tamila Musaeva; Veronika Eder
EPI_ISL_1909092, EPI_ISL_1909093, EPI_ISL_1909094	WSSE Katowice	1. Academic Center for Pathomorphological and Genetic-Molecular Diagnostics ltd, Bialystok, Poland 2. National Institute of Public	Anetta Sulewska; Jacek Nikliński; Janusz Dzieciol; Joanna Kiślik; Katarzyna Zacharczuk; Konrad Raczkowski; Magdalena Nowakowska; Małgorzata Sadkowska-Todys; Piotr Karabowicz; Piotr Majewski; Przemysław Biecek. Joanna Reszeć; Radosław Charkiewicz; Tomasz Wolkowicz

EPI_ISL_1909095		Health - National Institute of Hygiene, Warsaw, Poland	
EPI_ISL_2131214	WSSE Warszawa	1. National Institute of Public Health - National Institute of Hygiene, Warsaw, Poland 2. Biobank Lab, University of Lodz 3. Laboratory of Respiratory Viruses, Teaching and Clinical Center of the Medical University of Lodz	Dominik Strapagiel; Izabela Dróżdż; Jakub Lach; Katarzyna Zacharczuk; Klaudyna Królikowska; Maciej Borowiec; Magdalena Nowakowska; Magdalena Traczyk-Borszyńska; Marcin Słomka; Marta Sobalska-Kwapis; Małgorzata Sadkowska-Todys; Tomasz Płoszaj; Tomasz Wolkowicz
EPI_ISL_2105608	WSSE w Gdansk	1. Academic Center for Pathomorphological and Genetic-Molecular Diagnostics Ltd, Białystok, Poland 2. National Institute of Public Health - National Institute of Hygiene, Warsaw, Poland	Anetta Sulewska; Jacek Nikliński; Janusz Dzieciol; Joanna Kiśluk; Katarzyna Zacharczuk; Konrad Raczkowski; Magdalena Nowakowska; Małgorzata Sadkowska-Todys; Piotr Karabowicz; Piotr Majewski; Przemysław Biecek. Joanna Reszeć; Radosław Charkiewicz; Tomasz Wolkowicz
EPI_ISL_2247027	WSSE w Krakowie	1. Academic Center for Pathomorphological and Genetic-Molecular Diagnostics Ltd, Białystok, Poland 2. National Institute of Public Health - National Institute of Hygiene, Warsaw, Poland	Anetta Sulewska; Jacek Nikliński; Janusz Dzieciol; Joanna Kiśluk; Katarzyna Zacharczuk; Konrad Raczkowski; Magdalena Nowakowska; Małgorzata Sadkowska-Todys; Piotr Karabowicz; Piotr Majewski; Przemysław Biecek. Joanna Reszeć; Radosław Charkiewicz; Tomasz Wolkowicz
EPI_ISL_2090620, EPI_ISL_2090621, EPI_ISL_2090622, EPI_ISL_2090623, EPI_ISL_2094439, EPI_ISL_2094440, EPI_ISL_2094441	see above	see above	see above
EPI_ISL_2096118	Washington State Department of Health Public Health Laboratories	Washington State Department of Health Public Health Laboratories	Avi Singh; Darren Lucas; Denny Russell; Drew MacKellar; Geoff Melly; Hannah Gray; Joenice Gonzalez; JohnAric Peterson; Philip Dykema; Rebecca Cao; Vanessa De Los Santos
EPI_ISL_1760176, EPI_ISL_1760180, EPI_ISL_1922708, EPI_ISL_1940150, EPI_ISL_2227400, EPI_ISL_2272938, EPI_ISL_2272939, EPI_ISL_2272943, EPI_ISL_2272947, EPI_ISL_2284863	see above	see above	see above
EPI_ISL_2229383	Wichita State University - Molecular Diagnostics Lab	Kansas Health and Environmental Lab	Ben Olsen; Jonathan Barnell; Katherine Wiggins; Mike Grose; and Phil Adam
EPI_ISL_1794552, EPI_ISL_2279192, EPI_ISL_2279263	Willis-Knighton Medical Center Hospital Laboratory	LSUHS Emerging Viral Threat Laboratory	Alexander Mijalis; Andrew D. Yurochko; Christopher G. Kevil; Gregory L. Ware; Jennifer L. Carroll; Jeremy P. Kamil; John A. Vanchiere; Maarten Van Diest; Rona S. Scott
EPI_ISL_2241351	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_2241351	Wojewodzka Stacja Sanitarno-Epidemiologiczna w Olsztynie, Laboratorium Badan Epidemiologiczno-Klinicznych	Wojewodzka Stacja Sanitarno-Epidemiologiczna w Olsztynie, Laboratorium Badan Epidemiologiczno-Klinicznych	Aleksandra Kobiatko; Barbara Dolinska; Emilia Tarabas; Ewa Liszewska; Marta Lukian; Monika Czerminska; Patryk Bielecki; Paulina Rozycka; Sylwia Krzetowska; Tomasz Jakubczak
EPI_ISL_2193979, EPI_ISL_2225532, EPI_ISL_2226818, EPI_ISL_2226819, EPI_ISL_2226821, EPI_ISL_2285774	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Ashley Norberg; Brian Dominguez; Brittany Oher; Cari Sloma; Channing Weber; Chayse Rowley; Elliot Thomasson; Jim Mildenerberger; Lynette Gumbleton; Marley Goetz; Noah Hull; Sam Britz; Taylor Fearing; Wanda Manley; and Rob Christensen
EPI_ISL_2296394, EPI_ISL_2296447	Yale Clinical Virology Lab	Grubaugh Lab - Yale School of Public Health	Anderson Brito; Annie Watkins; Chaney Kalinich; Chantal Vogels; Isabel Ott; Jessica Rothman; Joseph Fauver; Mallery Breban; Marie L. Landry; Mary Petrone; Nathan Grubaugh; Tara Alpert
EPI_ISL_2035068	Yale Clinical Virology Lab	Yale Center for Genomic Analysis	Brooke Sullivan; Curt Scharfe; Irina Tikhonova; Kaya Bilguvar; Shrikant Mane
EPI_ISL_2140237	Zakład Diagnostyki Laboratoryjnej SPWSZ	1. Tricity SARS-CoV-2 sequencing consortium: University of Gdansk, Medical University of Gdansk, Vaxican Ltd., Invicta Ltd. 2. National Institute of Public Health - National Institute of Hygiene, Warsaw, Poland	Celina Cybulska; Karolina Gackowska; Katarzyna Groth; Katarzyna Zacharczuk; Krystyna Bienkowska Szewczyk; Łukasz Rabalski; Maciej Grzybek; Maciej Kosinski; Magdalena Nowakowska; Małgorzata Sadkowska-Todys; Tomasz Wolkowicz
EPI_ISL_1911195, EPI_ISL_1911196, EPI_ISL_1911197, EPI_ISL_1911250	Zhejiang Provincial Center for Disease Control and Prevention Zhoushan Center for Disease Prevention and Control	Zhejiang Province Center of Disease Control and prevention	Bing WU; Hongling Wang; Yanjun Zhang
EPI_ISL_2266232	amedes MVZ DIAMEDIS Sennestadt	Robert Koch Institute	
EPI_ISL_1850498	amedes MVZ Hannover	Robert Koch Institute	
EPI_ISL_2115877	amedes MVZ Zentrum für Pathologie und Zytodiagnostik GmbH (KÄIn)	Robert Koch Institute	
EPI_ISL_2130761	amedes MVZ für Laboratoriumsmedizin Hamburg	Robert Koch Institute	
EPI_ISL_2130723	amedes MVZ für Labordiagnostik Rhein-Main	Robert Koch Institute	