

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

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

Authors are sorted alphabetically.

Accession ID	Originating Laboratory	Submitting Laboratory	Authors
EPI_ISL_1001005, EPI_ISL_1001007, EPI_ISL_1001008, EPI_ISL_1001009, EPI_ISL_1001014, EPI_ISL_1001015, EPI_ISL_1001018, EPI_ISL_1001021, EPI_ISL_1001022, EPI_ISL_1001025, EPI_ISL_1001027, EPI_ISL_1001028, EPI_ISL_1001029, EPI_ISL_1001030, EPI_ISL_1001031, EPI_ISL_1001035, EPI_ISL_1001037, EPI_ISL_1001038			
see above	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Department
EPI_ISL_1005501, EPI_ISL_1005529	USC Clinical Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1005545, EPI_ISL_1005552	UCLA Clinical Micro Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1005588, EPI_ISL_1005595, EPI_ISL_1005605, EPI_ISL_1005623, EPI_ISL_1005631, EPI_ISL_1005632, EPI_ISL_1005645, EPI_ISL_1005651	Fulgent Genetics	Fulgent Genetics	Harry Gao, Mickey Li, John Gao, Joseph Fierro, Benafsh Sapra, Becky Tsai, Yan Meng, Doreen Ng, James Xie
EPI_ISL_1008379	Department of Laboratory Medicine, Division of Clinical Virology, University of Medicine, Vienna	Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Bergthaler
EPI_ISL_1009225, EPI_ISL_1009230, EPI_ISL_1009231, EPI_ISL_1009233, EPI_ISL_1009282	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Bailey Bowcutt, and Wanda Manley
EPI_ISL_1009664	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Department
EPI_ISL_1009796, EPI_ISL_1009835, EPI_ISL_1009837, EPI_ISL_1009843, EPI_ISL_1009853	Curative Labs, Inc.	Wyoming Public Health Laboratory	Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Bailey Bowcutt, and Wanda Manley
EPI_ISL_1009871, EPI_ISL_1009872, EPI_ISL_1009878, EPI_ISL_1009879, EPI_ISL_1009881, EPI_ISL_1009882, EPI_ISL_1009883, EPI_ISL_1009890, EPI_ISL_1009891, EPI_ISL_1009897, EPI_ISL_1009905, EPI_ISL_1009906, EPI_ISL_1009907, EPI_ISL_1009916, EPI_ISL_1009939, EPI_ISL_1009963, EPI_ISL_1009969, EPI_ISL_1009973, EPI_ISL_1009974, EPI_ISL_1009984, EPI_ISL_1009998, EPI_ISL_1010002, EPI_ISL_1010023, EPI_ISL_1010034, EPI_ISL_1010037, EPI_ISL_1010040, EPI_ISL_1010044, EPI_ISL_1010048, EPI_ISL_1010064, EPI_ISL_1010067, EPI_ISL_1010084, EPI_ISL_1010089, EPI_ISL_1010092, EPI_ISL_1010095, EPI_ISL_1010107, EPI_ISL_1010109, EPI_ISL_1010120, EPI_ISL_1010125, EPI_ISL_1010136, EPI_ISL_1010139, EPI_ISL_1010140, EPI_ISL_1010141, EPI_ISL_1010144, EPI_ISL_1010145, EPI_ISL_1010146, EPI_ISL_1010152, EPI_ISL_1010174, EPI_ISL_1010196, EPI_ISL_1010201, EPI_ISL_1010207, EPI_ISL_1010224, EPI_ISL_1010225, EPI_ISL_1010228, EPI_ISL_1010230, EPI_ISL_1010237, EPI_ISL_1010247, EPI_ISL_1010250, EPI_ISL_1010257, EPI_ISL_1010261, EPI_ISL_1010267, EPI_ISL_1010269, EPI_ISL_1010287, EPI_ISL_1010296, EPI_ISL_1010297, EPI_ISL_1010298, EPI_ISL_1010305, EPI_ISL_1010314, EPI_ISL_1010325, EPI_ISL_1010326, EPI_ISL_1010336, EPI_ISL_1010370, EPI_ISL_1010374, EPI_ISL_1010375, EPI_ISL_1010392, EPI_ISL_1010394, EPI_ISL_1010405, EPI_ISL_1010406, EPI_ISL_1010407, EPI_ISL_1010411, EPI_ISL_1010425, EPI_ISL_1010432, EPI_ISL_1010433, EPI_ISL_1010434, EPI_ISL_1010449, EPI_ISL_1010456, EPI_ISL_1010463, EPI_ISL_1010472, EPI_ISL_1010474, EPI_ISL_1010493, EPI_ISL_1010494, EPI_ISL_1010496, EPI_ISL_1010498, EPI_ISL_1010505, EPI_ISL_1010523, EPI_ISL_1010529, EPI_ISL_1010536, EPI_ISL_1010540, EPI_ISL_1010546, EPI_ISL_1010556, EPI_ISL_1010558, EPI_ISL_1010574, EPI_ISL_1010576, EPI_ISL_1010578, EPI_ISL_1010579, EPI_ISL_1010580, EPI_ISL_1010587, EPI_ISL_1010592, EPI_ISL_1010598, EPI_ISL_1010605, EPI_ISL_1010627, EPI_ISL_1010664, EPI_ISL_1010665, EPI_ISL_1010669, EPI_ISL_1010670, EPI_ISL_1010673, EPI_ISL_1010687, EPI_ISL_1010688, EPI_ISL_1010691	Fulgent Genetics	Fulgent Genetics	Harry Gao, Mickey Li, John Gao, Joseph Fierro, Benafsh Sapra, Becky Tsai, Yan Meng, Doreen Ng, James Xie
see above	Fulgent Genetics	Fulgent Genetics	Harry Gao, Mickey Li, John Gao, Joseph Fierro, Benafsh Sapra, Becky Tsai, Yan Meng, Doreen Ng, James Xie
EPI_ISL_1010699	New South Wales Health Pathology Royal Prince Alfred Hospital	Microbiology RPAH	Foster, C.; Au, J.; Ruiz Silva, M.; Deveson, I.; Bull, R.; Van Hal, S.; Rawlinson, W.
EPI_ISL_1010746, EPI_ISL_1010751, EPI_ISL_1010763, EPI_ISL_1010767, EPI_ISL_1010774, EPI_ISL_1010802, EPI_ISL_1010804, EPI_ISL_1010805, EPI_ISL_1010808, EPI_ISL_1010810, EPI_ISL_1010811, EPI_ISL_1010816, EPI_ISL_1010817, EPI_ISL_1010824, EPI_ISL_1010826, EPI_ISL_1010860, EPI_ISL_1010868, EPI_ISL_1010878, EPI_ISL_1010879, EPI_ISL_1010885, EPI_ISL_1010890, EPI_ISL_1010895, EPI_ISL_1010897, EPI_ISL_1010899, EPI_ISL_1010900, EPI_ISL_1010902, EPI_ISL_1010908, EPI_ISL_1010910, EPI_ISL_1010913, EPI_ISL_1010933, EPI_ISL_1010944, EPI_ISL_1010947, EPI_ISL_1010952, EPI_ISL_1010960, EPI_ISL_1010976, EPI_ISL_1010979, EPI_ISL_1010983, EPI_ISL_1010984, EPI_ISL_1010996, EPI_ISL_1011001, EPI_ISL_1011009, EPI_ISL_1011016, EPI_ISL_1011026, EPI_ISL_1011028, EPI_ISL_1011029, EPI_ISL_1011032, EPI_ISL_1011035, EPI_ISL_1011049, EPI_ISL_1011051, EPI_ISL_1011055, EPI_ISL_1011066, EPI_ISL_1011111, EPI_ISL_1011118, EPI_ISL_1011135, EPI_ISL_1011136, EPI_ISL_1011139, EPI_ISL_1011143, EPI_ISL_1011150, EPI_ISL_1011154, EPI_ISL_1011155, EPI_ISL_1011176, EPI_ISL_1011182, EPI_ISL_1011198, EPI_ISL_1011205, EPI_ISL_1011209, EPI_ISL_1011212, EPI_ISL_1011214, EPI_ISL_1011217, EPI_ISL_1011225, EPI_ISL_1011231, EPI_ISL_1011233, EPI_ISL_1011235, EPI_ISL_1011242, EPI_ISL_1011244, EPI_ISL_1011254, EPI_ISL_1011264, EPI_ISL_1011273, EPI_ISL_1011283, EPI_ISL_1011286, EPI_ISL_1011296, EPI_ISL_1011303, EPI_ISL_1011306, EPI_ISL_1011309, EPI_ISL_1011313, EPI_ISL_1011322, EPI_ISL_1011332, EPI_ISL_1011340, EPI_ISL_1011342, EPI_ISL_1011344, EPI_ISL_1011351, EPI_ISL_1011357, EPI_ISL_1011367, EPI_ISL_1011372, EPI_ISL_1011387, EPI_ISL_1011413, EPI_ISL_1011417, EPI_ISL_1011424, EPI_ISL_1011432, EPI_ISL_1011448, EPI_ISL_1011450, EPI_ISL_1011453, EPI_ISL_1011454, EPI_ISL_1011462, EPI_ISL_1011465, EPI_ISL_1011467, EPI_ISL_1011480, EPI_ISL_1011481, EPI_ISL_1011494, EPI_ISL_1011495	Fulgent Genetics	Fulgent Genetics	Harry Gao, Mickey Li, John Gao, Joseph Fierro, Benafsh Sapra, Becky Tsai, Yan Meng, Doreen Ng, James Xie
see above	Fulgent Genetics	Fulgent Genetics	Harry Gao, Mickey Li, John Gao, Joseph Fierro, Benafsh Sapra, Becky Tsai, Yan Meng, Doreen Ng, James Xie
EPI_ISL_1011614, EPI_ISL_1011617, EPI_ISL_1011647	Warrior Diagnostics Laboratory	Infectious Disease Program, Broad Institute of Harvard and MIT	Lemieux,J.E., Siddle,K.J., Marshall,J., O'Neill,M., Bronson,A., Adams,G., Gladden-Young,A., Lagerborg,K., Rudy,M., DeRuff,K., Carter,A., Normandin,E., Bauer,M., Reilly,S., Tomkins-Tinch,C., Loreth,C., Chaluvadi,S., Birren,B.W., Gallagher,G., Smole,S., Park,D.J., MacInnis,B.L., and Sabeti,P.C.
EPI_ISL_1012885, EPI_ISL_1012899, EPI_ISL_1012916	New Mexico Department of Health Scientific Laboratory	New Mexico Department of Health Scientific Laboratory	Ellie Johnson, Anastacia Griego-Fisher, Deldra Malone, Jennifer Benoit
EPI_ISL_1014817, EPI_ISL_1014820, EPI_ISL_1014829, EPI_ISL_1014831, EPI_ISL_1014842	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_1015757, EPI_ISL_1015769, EPI_ISL_1015792, EPI_ISL_1015804, EPI_ISL_1015817	Altius Institute for Biomedical Sciences	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Erica Ryke, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Ryan Alexander, Daniel Bates, Rebecca Bruders, Stephanie DeBaun, Clem Green, Muhammad Halimun, Jessica Halow, Kneshay Harper, Matt Hartman, Andrew Meuser, Alex Nguyen, Truong Nguyen, Sofia Olsson, Sadie Patraw, Hannah Petersen, Tobias Ragoczy, Joshua Richards, Jacob Rodriguez, John Stamatoyannopoulos, Julia Wald, Olivia Waltner, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Helen Y. Chu, Jay Shendure, Trevor Bedford
EPI_ISL_1016130, EPI_ISL_1016139	THE MARY IMOGENE BASSETT HOSPITAL	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1016518, EPI_ISL_1016538, EPI_ISL_1016543, EPI_ISL_1016548, EPI_ISL_1016592, EPI_ISL_1016610, EPI_ISL_1016621, EPI_ISL_1016689	Helix/Illumina	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, Eileen de Feo, Jan Antico, Christine Tran, Matthew Tolentino, Shannon Wickline, Kim Gietzen, Brad Sickler, Jingtao Liu, Eric Allen, Phil Febbo, Summer Galloway, Nicole L. Washington, Simon White, Geraint Levan, Kelly Schiabor Barrett, Elizabeth Cirulli, Alexandre Boize, Ary Ascencio, Charlotte Rivera-Garcia, Ryan Cho, Jason Nguyen, Sherry Wang, Jimmy Ramirez, Tyler Cassens, Efrén Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suixiang Tong, Duncan MacCannell
EPI_ISL_1016894, EPI_ISL_1016897, EPI_ISL_1016899, EPI_ISL_1016900, EPI_ISL_1016929, EPI_ISL_1016931, EPI_ISL_1016940	Arizona State Public Health Laboratory	Arizona State Public Health Laboratory	Trung Huynh, Jessica Escobar, Katherine Fullerton, Nobuko Fukushima, Stacy White, Linda Getsinger, Victor Waddell
EPI_ISL_1017078, EPI_ISL_1017084, EPI_ISL_1017136	Providence St. Joseph Health Orange - Chapman	Providence St. Joseph Health Molecular Genomics Laboratory	Alexa K Dowdell, Brian D Piening, Fred L Robinson, Carlo B Bifulco, Mary Campbell
EPI_ISL_1017723	University of Wisconsin-Madison AIDS Vaccine Research Laboratories	University of Wisconsin-Madison AIDS Vaccine Research Laboratories	Gage Moreno, Katarina Braun, et al. AIDS Vaccine Research Laboratories
EPI_ISL_1017835, EPI_ISL_1017874,	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Bailey Bowcutt, and Wanda Manley

EPI_ISL_1017886, EPI_ISL_1017923, EPI_ISL_1017926, EPI_ISL_1017959			
EPI_ISL_1017988	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1018062	Los Angeles County Public Health Laboratories, Los Angeles County Public Health Lab microbial pathogen submission group	Los Angeles County Public Health Laboratories, Los Angeles County Public Health Lab microbial pathogen submission group	Hemarajata,P., Green,N.
EPI_ISL_1020827, EPI_ISL_1020828, EPI_ISL_1020885, EPI_ISL_1020967, EPI_ISL_1020995, EPI_ISL_1021097, EPI_ISL_1021373, EPI_ISL_1021374, EPI_ISL_1021382, EPI_ISL_1021388, EPI_ISL_1021520, EPI_ISL_1021579, EPI_ISL_1021616, EPI_ISL_1021617, EPI_ISL_1021618, EPI_ISL_1021623, EPI_ISL_1021665, EPI_ISL_1021827, EPI_ISL_1021841, EPI_ISL_1021847, EPI_ISL_1021902, EPI_ISL_1021964, EPI_ISL_1022005, EPI_ISL_1022018, EPI_ISL_1022037, EPI_ISL_1022050, EPI_ISL_1022090, EPI_ISL_1022104, EPI_ISL_1022116, EPI_ISL_1022137, EPI_ISL_1022171, EPI_ISL_1022206, EPI_ISL_1022207, EPI_ISL_1022208, EPI_ISL_1022221, EPI_ISL_1022222, EPI_ISL_1022255, EPI_ISL_1022270, EPI_ISL_1022276, EPI_ISL_1022297, EPI_ISL_1022380, EPI_ISL_1022383, EPI_ISL_1025999, EPI_ISL_1026025, EPI_ISL_1026152, EPI_ISL_1026312, EPI_ISL_1026340, EPI_ISL_1026366, EPI_ISL_1026414, EPI_ISL_1026469, EPI_ISL_1026606, EPI_ISL_1026724			
see above	Laboratory Corporation of America	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1026866, EPI_ISL_1026873, EPI_ISL_1026875, EPI_ISL_1026876, EPI_ISL_1026877, EPI_ISL_1026899, EPI_ISL_1026902, EPI_ISL_1026904, EPI_ISL_1026915, EPI_ISL_1026926, EPI_ISL_1026928, EPI_ISL_1026929, EPI_ISL_1026931, EPI_ISL_1026932, EPI_ISL_1026933, EPI_ISL_1026934, EPI_ISL_1026937, EPI_ISL_1026944, EPI_ISL_1026946, EPI_ISL_1026951, EPI_ISL_1026952, EPI_ISL_1026953, EPI_ISL_1026956, EPI_ISL_1026968, EPI_ISL_1026973, EPI_ISL_1026974, EPI_ISL_1026981, EPI_ISL_1026985, EPI_ISL_1026986, EPI_ISL_1026989, EPI_ISL_1026990, EPI_ISL_1026991, EPI_ISL_1026994, EPI_ISL_1026998, EPI_ISL_1027001, EPI_ISL_1027002, EPI_ISL_1027011, EPI_ISL_1027012, EPI_ISL_1027013, EPI_ISL_1027014, EPI_ISL_1027016, EPI_ISL_1027017, EPI_ISL_1027018, EPI_ISL_1027021, EPI_ISL_1027024, EPI_ISL_1027035, EPI_ISL_1027048, EPI_ISL_1027049, EPI_ISL_1027056, EPI_ISL_1027061, EPI_ISL_1027064, EPI_ISL_1027066, EPI_ISL_1027067, EPI_ISL_1027071, EPI_ISL_1027083, EPI_ISL_1027084, EPI_ISL_1027097, EPI_ISL_1027099, EPI_ISL_1027101, EPI_ISL_1027104, EPI_ISL_1027110, EPI_ISL_1027112, EPI_ISL_1027125, EPI_ISL_1027127, EPI_ISL_1027151, EPI_ISL_1027154, EPI_ISL_1027157, EPI_ISL_1027166, EPI_ISL_1027174, EPI_ISL_1027187, EPI_ISL_1027192, EPI_ISL_1027210, EPI_ISL_1027220, EPI_ISL_1027222			
see above	Fulgent Genetics	Fulgent Genetics	Harry Gao, Mickey Li, John Gao, Joseph Fierro, Benafsh Sapra, Becky Tsai, Yan Meng, Doreen Ng, James Xie
EPI_ISL_1027299, EPI_ISL_1027301, EPI_ISL_1027310, EPI_ISL_1027317, EPI_ISL_1027318	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1027321	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1027328, EPI_ISL_1027332	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1027333	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1027334	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1027336, EPI_ISL_1027348	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1027349, EPI_ISL_1027352, EPI_ISL_1027354, EPI_ISL_1027358, EPI_ISL_1027372, EPI_ISL_1027373, EPI_ISL_1027374	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1027390, EPI_ISL_1027391, EPI_ISL_1027392	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1027462, EPI_ISL_1027464, EPI_ISL_1027469	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1027478, EPI_ISL_1027483, EPI_ISL_1027488, EPI_ISL_1027499, EPI_ISL_1027500, EPI_ISL_1027506, EPI_ISL_1027513, EPI_ISL_1027516, EPI_ISL_1027518, EPI_ISL_1027523, EPI_ISL_1027524, EPI_ISL_1027542, EPI_ISL_1027558, EPI_ISL_1027559, EPI_ISL_1027569, EPI_ISL_1027571, EPI_ISL_1027572			
see above	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1027583, EPI_ISL_1027584	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1027586	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1027751, EPI_ISL_1027856, EPI_ISL_1027858, EPI_ISL_1027859, EPI_ISL_1027862, EPI_ISL_1027888, EPI_ISL_1027932, EPI_ISL_1028042, EPI_ISL_1028135, EPI_ISL_1028231, EPI_ISL_1028328, EPI_ISL_1028345, EPI_ISL_1028374, EPI_ISL_1028408, EPI_ISL_1028530, EPI_ISL_1028761, EPI_ISL_1028800, EPI_ISL_1028948, EPI_ISL_1028955, EPI_ISL_1029129, EPI_ISL_1029336, EPI_ISL_1029801			
see above	Laboratory Corporation of America	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1030066	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton
EPI_ISL_1030254, EPI_ISL_1030259, EPI_ISL_1030261, EPI_ISL_1030262, EPI_ISL_1030264, EPI_ISL_1030265, EPI_ISL_1030267, EPI_ISL_1030272, EPI_ISL_1030276, EPI_ISL_1030277, EPI_ISL_1030278, EPI_ISL_1030280, EPI_ISL_1030283, EPI_ISL_1030285, EPI_ISL_1030286, EPI_ISL_1030287, EPI_ISL_1030300			
see above	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1030324, EPI_ISL_1030329	Contra Costa County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1030330	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
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see above	Contra Costa County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1030391, EPI_ISL_1030392, EPI_ISL_1030393, EPI_ISL_1030394, EPI_ISL_1030395, EPI_ISL_1030396, EPI_ISL_1030397, EPI_ISL_1030398, EPI_ISL_1030404, EPI_ISL_1030405, EPI_ISL_1030425, EPI_ISL_1030426, EPI_ISL_1030427, EPI_ISL_1030428, EPI_ISL_1030431, EPI_ISL_1030440			
see above	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1030570, EPI_ISL_1030640, EPI_ISL_1030689, EPI_ISL_1030698, EPI_ISL_1030730, EPI_ISL_1030731, EPI_ISL_1030732, EPI_ISL_1030733, EPI_ISL_1030890, EPI_ISL_1030909, EPI_ISL_1030911, EPI_ISL_1030913, EPI_ISL_1030914, EPI_ISL_1030946, EPI_ISL_1030997, EPI_ISL_1031226, EPI_ISL_1031251, EPI_ISL_1031384, EPI_ISL_1031399, EPI_ISL_1031427, EPI_ISL_1031473, EPI_ISL_1031495, EPI_ISL_1031530, EPI_ISL_1031658, EPI_ISL_1031838, EPI_ISL_1031948, EPI_ISL_1032089, EPI_ISL_1032090, EPI_ISL_1032295, EPI_ISL_1032298, EPI_ISL_1032363, EPI_ISL_1032367, EPI_ISL_1032386, EPI_ISL_1032421, EPI_ISL_1032441, EPI_ISL_1032509, EPI_ISL_1032514			
see above	Laboratory Corporation of America	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1032593, EPI_ISL_1032607	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Bailey Bowcutt, and Wanda Manley
EPI_ISL_1032950, EPI_ISL_1032964, EPI_ISL_1032968, EPI_ISL_1032974, EPI_ISL_1032995, EPI_ISL_1033002, EPI_ISL_1033011, EPI_ISL_1033020, EPI_ISL_1033021, EPI_ISL_1033022, EPI_ISL_1033023			
see above	Fulgent Genetics	Fulgent Genetics	Harry Gao, Mickey Li, John Gao, Joseph Fierro, Benafsh Sapra, Becky Tsai, Yan Meng, Doreen Ng, James Xie
EPI_ISL_1034275, EPI_ISL_1034276, EPI_ISL_1034277	Northwest Pathology	UW Virology Lab	Pavitra Roychoudhury, Lasata Shrestha, Shah A Mohamed Bakhsh, Michelle Lin, Hong Xie, Meei-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_1036503, EPI_ISL_1036525	Sonora Quest Laboratories	TGen North	*Jolene Bowers, Megan Folkerts, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)
EPI_ISL_1036572, EPI_ISL_1036573, EPI_ISL_1036574, EPI_ISL_1036576	TGen North	TGen North	*Jolene Bowers, Megan Folkerts, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)
EPI_ISL_1036946, EPI_ISL_1036950, EPI_ISL_1036978, EPI_ISL_1036992, EPI_ISL_1036997, EPI_ISL_1037117, EPI_ISL_1037118, EPI_ISL_1037119, EPI_ISL_1037120, EPI_ISL_1037121, EPI_ISL_1037122, EPI_ISL_1037123, EPI_ISL_1037124, EPI_ISL_1037125, EPI_ISL_1037126, EPI_ISL_1037128, EPI_ISL_1037129, EPI_ISL_1037130, EPI_ISL_1037144, EPI_ISL_1037145, EPI_ISL_1037173, EPI_ISL_1037240, EPI_ISL_1037268, EPI_ISL_1037270, EPI_ISL_1037281, EPI_ISL_1037286, EPI_ISL_1037305, EPI_ISL_1037327, EPI_ISL_1037395, EPI_ISL_1037407, EPI_ISL_1037460, EPI_ISL_1037464, EPI_ISL_1037490, EPI_ISL_1037502,			

EPI_ISL_1037528, EPI_ISL_1037540, EPI_ISL_1037590, EPI_ISL_1037602, EPI_ISL_1037612, EPI_ISL_1037625, EPI_ISL_1037644, EPI_ISL_1037674, EPI_ISL_1037722, EPI_ISL_1037733, EPI_ISL_1037818, EPI_ISL_1037844, EPI_ISL_1037888, EPI_ISL_1037914, EPI_ISL_1037915, EPI_ISL_1038003, EPI_ISL_1038010, EPI_ISL_1038050, EPI_ISL_1038160, EPI_ISL_1038161, EPI_ISL_1038170, EPI_ISL_1038172, EPI_ISL_1038196, EPI_ISL_1038200, EPI_ISL_1038231, EPI_ISL_1038275, EPI_ISL_1038276, EPI_ISL_1038281, EPI_ISL_1038334, EPI_ISL_1038356, EPI_ISL_1038441, EPI_ISL_1038451, EPI_ISL_1038470, EPI_ISL_1038488, EPI_ISL_1038511, EPI_ISL_1038595, EPI_ISL_1038600, EPI_ISL_1038625, EPI_ISL_1038681, EPI_ISL_1038682, EPI_ISL_1038685, EPI_ISL_1038695			
see above	Laboratory Corporation of America	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1038818	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_1038898, EPI_ISL_1038907, EPI_ISL_1038908, EPI_ISL_1038909, EPI_ISL_1038910, EPI_ISL_1038911, EPI_ISL_1038920	Colorado Department of Public Health and Environment	Colorado Department of Public Health and Environment	Laura Bankers, Molly C. Hetherington-Rauth, Diana Ir, Shannon Ely, Shannon R. Matzinger, Sarah Elizabeth Totten, Emily A. Travanty
EPI_ISL_1039754, EPI_ISL_1039755, EPI_ISL_1039758, EPI_ISL_1039769, EPI_ISL_1039770, EPI_ISL_1039771, EPI_ISL_1039772, EPI_ISL_1039775, EPI_ISL_1039776, EPI_ISL_1039780	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Bailey Bowcutt, and Wanda Manley
EPI_ISL_1040013, EPI_ISL_1040020	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Shah Mohamed Bakhsh, Robert Livingston, Michelle Lin, Noah Baker, Meei-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_1040058, EPI_ISL_1040059, EPI_ISL_1040060, EPI_ISL_1040066	UCLA Clinical Micro Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1040385	University Hospitals of Geneva, Laboratory of Virology	HUG, Laboratory of Virology and the Health2030 Genome Center	Samuel Cordey, Ana Rita Goncalves, Laurent Kaiser, Lorenzo Cerutti, Henri Pegeot, Melyssa Elies, Deborah Penet, Keith Harshman, Ioannis Xenarios, Emmanouil Dermitzakis
EPI_ISL_1040863	NYU Langone Health	Departments of Pathology and Medicine, New York University School of Medicine	Adriana Heguy, Dacia Dimartino, Emily Guzman, Christian Marier, Peter Meyn, Sitharam Ramaswami, Gael Westby, Paul Zappile, Yutong Zhang, Paolo Cotzia, Guiqing Wang
EPI_ISL_1041313, EPI_ISL_1041407, EPI_ISL_1041607, EPI_ISL_1041674, EPI_ISL_1041782, EPI_ISL_1041786, EPI_ISL_1041846	Pandemic Response Lab - NYC	Pandemic Response Lab, R&D	Henry Lee, Michael Hammerling, Melissa Hopkins, Cybill del Castillo, William Ward, Pradeep Bugga, Haiping Hao, Jon Laurent
EPI_ISL_1046604	Randox Laboratories	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Randox Laboratories and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1049216	PA Department of Health, Bureau of Laboratories	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Brian Lynch, Krista Queen, Anna Uehara, Peter Cook, Han Jia Ng, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_1049266, EPI_ISL_1049268, EPI_ISL_1049277, EPI_ISL_1049279, EPI_ISL_1049280, EPI_ISL_1049287, EPI_ISL_1049297, EPI_ISL_1049305, EPI_ISL_1049315, EPI_ISL_1049319, EPI_ISL_1049328			
see above	Innovative Genomics Institute, UC Berkeley	Innovative Genomics Institute, UC Berkeley	Stacia Wyman, Alison Ciling, Netravathi Krishnappa, Haridha Shivram, Phil Frankino, Liana Lareau
EPI_ISL_1049549, EPI_ISL_1049587, EPI_ISL_1049633, EPI_ISL_1049634, EPI_ISL_1049636, EPI_ISL_1049637, EPI_ISL_1049645	Washington State Department of Health	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Erica Ryke, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Romesh Gautom, Geoff Melly, Brian Hiatt, Philip Dykema, Scott Lindquist, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Helen Y. Chu, Jay Shendure, Trevor Bedford
EPI_ISL_1049665	Seattle Flu Study	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Erica Ryke, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Karen Cowgill, Stephanie Schrag, Jeff Duchin, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Helen Y. Chu, Trevor Bedford, Jay Shendure
EPI_ISL_1049687, EPI_ISL_1049707, EPI_ISL_1049720, EPI_ISL_1049722, EPI_ISL_1049751, EPI_ISL_1049752, EPI_ISL_1049753, EPI_ISL_1049762, EPI_ISL_1049783	Altius Institute for Biomedical Sciences	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Erica Ryke, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Ryan Alexander, Daniel Bates, Rebecca Bruders, Stephanie DeBaun, Clem Green, Muhammad Halimun, Jessica Halow, Kneshay Harper, Matt Hartman, Andrew Meuser, Alex Nguyen, Truong Nguyen, Sofia Olsson, Sadie Patraw, Hannah Petersen, Tobias Ragoczy, Joshua Richards, Jacob Rodriguez, John Stamatoyannopoulos, Julia Wald, Olivia Waltner, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Helen Y. Chu, Jay Shendure, Trevor Bedford
EPI_ISL_1049859, EPI_ISL_1049863, EPI_ISL_1049868, EPI_ISL_1049887, EPI_ISL_1049891, EPI_ISL_1049896, EPI_ISL_1049902, EPI_ISL_1049982, EPI_ISL_1049990, EPI_ISL_1049992	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton
EPI_ISL_1050009	NYU Langone Health	Departments of Pathology and Medicine, New York University School of Medicine	Adriana Heguy, Dacia Dimartino, Emily Guzman, Christian Marier, Peter Meyn, Sitharam Ramaswami, Gael Westby, Paul Zappile, Yutong Zhang, Paolo Cotzia, Guiqing Wang
EPI_ISL_1053415, EPI_ISL_1053417, EPI_ISL_1053419, EPI_ISL_1053442, EPI_ISL_1054861, EPI_ISL_1054873, EPI_ISL_1054876	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Bailey Bowcutt, and Wanda Manley
EPI_ISL_1054938, EPI_ISL_1054939	North Dakota Department of Health, Public Health Laboratory	North Dakota Department of Health, Public Health Laboratory	Lisa Wingerter
EPI_ISL_1058029	School of Pharmacy, Shenandoah University	School of Pharmacy, Shenandoah University	Adams,S.M., Harralson,A.F., Kidd,R.S., Sawyer,G.W.
EPI_ISL_1058873	Michigan Department of Health and Human Services, Bureau of Laboratories	Michigan Department of Health and Human Services, Bureau of Laboratories	Blankenship HM, Riner D, Soehnlén MK
EPI_ISL_1059084, EPI_ISL_1059127, EPI_ISL_1059149	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_1059803	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen, Sarah Nadeau, Ivan Topolsky, Emmanouil Dermitzakis, Keith Harshman, Ioannis Xenarios, Henri Pegeot, Lorenzo Cerutti, Deborah Penet, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1060019	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Jim Mildenberger, Wanda Manley, Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Chayse Rowley, Marley Goetz, Brian Dominguez, Elliot Thomasson, Cari Sloma, and Rob Christensen
EPI_ISL_1060056, EPI_ISL_1060063, EPI_ISL_1060102, EPI_ISL_1060111, EPI_ISL_1060115, EPI_ISL_1060122, EPI_ISL_1060124, EPI_ISL_1060148, EPI_ISL_1060166, EPI_ISL_1060167, EPI_ISL_1060177, EPI_ISL_1060183			
see above	Innovative Genomics Institute, UC Berkeley	Innovative Genomics Institute, UC Berkeley	Stacia Wyman, Alison Ciling, Netravathi Krishnappa, Haridha Shivram, Phil Frankino, Liana Lareau
EPI_ISL_1060319	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Jim Mildenberger, Wanda Manley, Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Chayse Rowley, Marley Goetz, Brian Dominguez, Elliot Thomasson, Cari Sloma, and Rob Christensen

EPI_ISL_1060544, EPI_ISL_1060545, EPI_ISL_1060546, EPI_ISL_1060548, EPI_ISL_1060549, EPI_ISL_1060551, EPI_ISL_1060554, EPI_ISL_1060556	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Department
EPI_ISL_1060720	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)_RNLSP	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Claudia Wong-Arambula, Abril Rodriguez-Maldonado, Fabiola Garces-Ayala, Adnan Araiza-Rodriguez, David Fragofo-Fonseca, Sergio Rangel-Guerrero, Mayra Jimenez-Morales, Nancy Munoz-Hernandez, Natividad Cruz-Ortiz, Tatiana Nunez-Garcia, Gisela Barrera-Badillo, Lucia Hernandez-Rivas, Irma Lopez-Martinez, Ernesto Ramirez-Gonzalez.
EPI_ISL_1060783, EPI_ISL_1060789, EPI_ISL_1060793	NJ Rapid Response Teams	New Jersey Public Health Environmental Laboratories (NJ_PHEL)	Lindsey Bodnar, Shiv Verma, Dana Woell, Byeong Jeong
EPI_ISL_1060826, EPI_ISL_1060852	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin L. Young, Kelly F. Oakeson, Tara Gallagher
EPI_ISL_1064174	Arizona State Public Health Laboratory	Arizona State Public Health Laboratory	Trung Huynh, Jessica Escobar, Katherine Fullerton, Nobuko Fukushima, Stacy White, Linda Getsinger, Victor Waddell
EPI_ISL_1064239	University of Wisconsin-Madison AIDS Vaccine Research Laboratories	University of Wisconsin-Madison AIDS Vaccine Research Laboratories	Gage Moreno, Katarina Braun, et al. AIDS Vaccine Research Laboratories
EPI_ISL_1064329	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_1064771	DOHMH Fort Greene	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064772	OCME Office Of Chief Medical Examiner	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064885	DOHMH Fort Greene	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064904	DOHMH Crown Heights	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064921	New Mexico Department of Health Scientific Laboratory	Center for Global Health, University of New Mexico Health Sciences Center	Daryl Domman, Kurt Schwalm, Twila Kunde, Joseph Hicks, Anastacia Griego, Michael Edwards, Darrell Dinwiddie
EPI_ISL_1067787	Broad Institute Clinical Research Sequencing Platform	Infectious Disease Program, Broad Institute of Harvard and MIT	Lemieux,J.E., Siddle,K.J., Adams,G., Gladden-Young,A., Lagerborg,K., Rudy,M., DeRuff,K., Carter,A., Normandin,E., Bauer,M., Reilly,S., Tomkins-Tinch,C., Loreth,C., Chaluvadi,S., Birren,B.W., Gallagher,G., Smole,S., Park,D.J., MacInnis,B.L., and Sabeti,P.C.
EPI_ISL_1068401, EPI_ISL_1068404, EPI_ISL_1068405, EPI_ISL_1068411, EPI_ISL_1068412, EPI_ISL_1068414, EPI_ISL_1068430, EPI_ISL_1068431, EPI_ISL_1068434, EPI_ISL_1068436, EPI_ISL_1068437, EPI_ISL_1068438, EPI_ISL_1068440, EPI_ISL_1068442, EPI_ISL_1068444, EPI_ISL_1068452, EPI_ISL_1068456, EPI_ISL_1068457, EPI_ISL_1068459, EPI_ISL_1068464, EPI_ISL_1068465, EPI_ISL_1068466, EPI_ISL_1068467, EPI_ISL_1068475, EPI_ISL_1068476, EPI_ISL_1068477, EPI_ISL_1068479, EPI_ISL_1068480, EPI_ISL_1068483, EPI_ISL_1068500, EPI_ISL_1068505, EPI_ISL_1068509, EPI_ISL_1068512, EPI_ISL_1068514, EPI_ISL_1068515, EPI_ISL_1068517, EPI_ISL_1068518, EPI_ISL_1068519, EPI_ISL_1068520, EPI_ISL_1068524, EPI_ISL_1068525, EPI_ISL_1068526, EPI_ISL_1068532, EPI_ISL_1068539, EPI_ISL_1068541, EPI_ISL_1068544, EPI_ISL_1068556, EPI_ISL_1068565, EPI_ISL_1068566, EPI_ISL_1068567, EPI_ISL_1068570, EPI_ISL_1068571, EPI_ISL_1068573, EPI_ISL_1068575, EPI_ISL_1068576, EPI_ISL_1068584, EPI_ISL_1068585, EPI_ISL_1068588, EPI_ISL_1068589, EPI_ISL_1068590, EPI_ISL_1068591, EPI_ISL_1068592, EPI_ISL_1068607, EPI_ISL_1068612, EPI_ISL_1068642, EPI_ISL_1068643, EPI_ISL_1068646, EPI_ISL_1068659, EPI_ISL_1068666, EPI_ISL_1068667, EPI_ISL_1068669, EPI_ISL_1068671, EPI_ISL_1068672, EPI_ISL_1068678, EPI_ISL_1068688, EPI_ISL_1068689, EPI_ISL_1068692, EPI_ISL_1068695, EPI_ISL_1068698, EPI_ISL_1068701, EPI_ISL_1068706, EPI_ISL_1068709, EPI_ISL_1068716, EPI_ISL_1068717, EPI_ISL_1068723, EPI_ISL_1068727, EPI_ISL_1068730, EPI_ISL_1068739, EPI_ISL_1068740, EPI_ISL_1068742, EPI_ISL_1068743, EPI_ISL_1068747, EPI_ISL_1068755, EPI_ISL_1068760, EPI_ISL_1068817, EPI_ISL_1068819, EPI_ISL_1068823, EPI_ISL_1068830, EPI_ISL_1068836, EPI_ISL_1068841, EPI_ISL_1068846, EPI_ISL_1068856, EPI_ISL_1068864, EPI_ISL_1068893, EPI_ISL_1068919, EPI_ISL_1068920, EPI_ISL_1068923, EPI_ISL_1068924, EPI_ISL_1068926, EPI_ISL_1068930, EPI_ISL_1068933, EPI_ISL_1068944, EPI_ISL_1068946, EPI_ISL_1068955, EPI_ISL_1068979, EPI_ISL_1068986, EPI_ISL_1068989, EPI_ISL_1069015, EPI_ISL_1069022, EPI_ISL_1069037, EPI_ISL_1069054, EPI_ISL_1069058, EPI_ISL_1069069, EPI_ISL_1069070, EPI_ISL_1069074, EPI_ISL_1069087, EPI_ISL_1069093, EPI_ISL_1069107, EPI_ISL_1069109, EPI_ISL_1069110, EPI_ISL_1069114, EPI_ISL_1069118, EPI_ISL_1069120, EPI_ISL_1069122, EPI_ISL_1069124, EPI_ISL_1069126, EPI_ISL_1069132, EPI_ISL_1069133, EPI_ISL_1069135, EPI_ISL_1069136, EPI_ISL_1069137, EPI_ISL_1069147, EPI_ISL_1069148			
see above	Fulgent Genetics	Fulgent Genetics	Harry Gao, Mickey Li, John Gao, Joseph Fierro, Benafsh Sapra, Becky Tsai, Yan Meng, Doreen Ng, James Xie
EPI_ISL_1069240, EPI_ISL_1069249, EPI_ISL_1069258, EPI_ISL_1069261, EPI_ISL_1069278, EPI_ISL_1069293, EPI_ISL_1069307, EPI_ISL_1069315, EPI_ISL_1069322, EPI_ISL_1069323, EPI_ISL_1069324, EPI_ISL_1069342, EPI_ISL_1069385			
see above	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Shah Mohamed Bakhsh, Robert Livingston, Michelle Lin, Noah Baker, Meei-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_1070381	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1074585, EPI_ISL_1074956, EPI_ISL_1075852, EPI_ISL_1075956, EPI_ISL_1077099, EPI_ISL_1077213, EPI_ISL_1077303, EPI_ISL_1077514, EPI_ISL_1077728, EPI_ISL_1078341, EPI_ISL_1078403, EPI_ISL_1078566, EPI_ISL_1078570, EPI_ISL_1079841, EPI_ISL_1079846, EPI_ISL_1079867, EPI_ISL_1079934, EPI_ISL_1080024, EPI_ISL_1080048, EPI_ISL_1080085, EPI_ISL_1080393			
see above	Houston Methodist Hospital	Houston Methodist Hospital	S. Wesley Long, Randall J. Olsen, Paul A. Christensen, Sishir Subedi, Robert Olson, James J. Davis, Matthew Ojeda Saavedra, Prasanti Yerramilli, Layne Pruitt, Kristina Reppond, Madison N. Shyer, Jessica Cambric, Ilya J. Finkelstein, Jimmy Gollihar, and James M. Musser
EPI_ISL_1081170	IEH Laboratories & Consulting Group	ID Genomics	Veronika Tchesnokova, Kirthi Kutumbaka, Kai Deng, Hemantha Kulakesara, Lydia Larson, Hao Geng, Curtis Fowler, Mansour Samadpour, Evgeni Sokurenko
EPI_ISL_1081300, EPI_ISL_1081303	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Jim Mildenberger, Wanda Manley, Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Chayse Rowley, Marley Goetz, Brian Dominguez, Elliot Thomasson, Cari Sloma, and Rob Christensen
EPI_ISL_1081376, EPI_ISL_1081377, EPI_ISL_1081386, EPI_ISL_1081395, EPI_ISL_1081397, EPI_ISL_1081398, EPI_ISL_1081402, EPI_ISL_1081406, EPI_ISL_1081416	Sharp HealthCare Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Aaron Harding, Jacquelyn Berumen, Cathy Woerle, Liam McGinnis, Art Mendoza, Omid Bakhtar
EPI_ISL_1081423, EPI_ISL_1081424, EPI_ISL_1081426, EPI_ISL_1081431, EPI_ISL_1081432, EPI_ISL_1081437, EPI_ISL_1081440, EPI_ISL_1081442, EPI_ISL_1081445, EPI_ISL_1081446, EPI_ISL_1081454, EPI_ISL_1081473, EPI_ISL_1081474, EPI_ISL_1081475, EPI_ISL_1081477			
see above	Genomica Lab Molecular, M©xico	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Jonathan Gonzalez Garcia, Jose Roman Chavez Mendez, Jose Horacio Reyna Verdugo, Martin Gonzalez Ibarra, Luis Alberto Rangel Gonzalez
EPI_ISL_1081498, EPI_ISL_1081499, EPI_ISL_1081503, EPI_ISL_1081512, EPI_ISL_1081516, EPI_ISL_1081523	Sharp HealthCare Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Aaron Harding, Jacquelyn Berumen, Cathy Woerle, Liam McGinnis, Art Mendoza, Omid Bakhtar
EPI_ISL_1081550, EPI_ISL_1081552, EPI_ISL_1081554, EPI_ISL_1081555, EPI_ISL_1081556, EPI_ISL_1081562, EPI_ISL_1081564	Scripps Medical Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Michael Quigley, Ellen Stefanski, Ian Mchardy
EPI_ISL_1081576, EPI_ISL_1081577, EPI_ISL_1081587, EPI_ISL_1081597	Rady's Childrens Hospital	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Nanda Radamchar, David Dimmock, Linda Luo, Christina Clarke, Kathryn Bouic, Teresa Mueller, Denise Malicki
EPI_ISL_1081599, EPI_ISL_1081600, EPI_ISL_1081605	Scripps Medical Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Michael Quigley, Ellen Stefanski, Ian Mchardy
EPI_ISL_1081623	San Diego County Public Health Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Tracy Basler, Jovan Shephard, Brett Austin
EPI_ISL_1081629, EPI_ISL_1081639, EPI_ISL_1081669, EPI_ISL_1081675, EPI_ISL_1081684, EPI_ISL_1081695, EPI_ISL_1081696, EPI_ISL_1081705, EPI_ISL_1081706, EPI_ISL_1081709, EPI_ISL_1081716, EPI_ISL_1081720			
see above	Scripps Medical Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Michael Quigley, Ellen Stefanski, Ian Mchardy
EPI_ISL_1081743, EPI_ISL_1081746, EPI_ISL_1081751, EPI_ISL_1081763, EPI_ISL_1081769, EPI_ISL_1081774, EPI_ISL_1081775	San Diego County Public Health Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Tracy Basler, Jovan Shephard, Brett Austin

EPI_ISL_1086297, EPI_ISL_1086329, EPI_ISL_1086344, EPI_ISL_1086381, EPI_ISL_1086402, EPI_ISL_1086413, EPI_ISL_1086430, EPI_ISL_1086494, EPI_ISL_1086506, EPI_ISL_1086539, EPI_ISL_1086561, EPI_ISL_1086625, EPI_ISL_1086628, EPI_ISL_1086632, EPI_ISL_1086700, EPI_ISL_1086715, EPI_ISL_1086721, EPI_ISL_1086722, EPI_ISL_1086729, EPI_ISL_1086731, EPI_ISL_1086733, EPI_ISL_1086736, EPI_ISL_1086762, EPI_ISL_1086770, EPI_ISL_1086771, EPI_ISL_1086793, EPI_ISL_1086801, EPI_ISL_1086806, EPI_ISL_1086810, EPI_ISL_1086811, EPI_ISL_1086815, EPI_ISL_1086816, EPI_ISL_1086837, EPI_ISL_1086882, EPI_ISL_1086931, EPI_ISL_1086961, EPI_ISL_1086975, EPI_ISL_1087002, EPI_ISL_1087026, EPI_ISL_1087091, EPI_ISL_1087133, EPI_ISL_1087141, EPI_ISL_1087144, EPI_ISL_1087177, EPI_ISL_1087180, EPI_ISL_1087193, EPI_ISL_1087208, EPI_ISL_1087233, EPI_ISL_1087247, EPI_ISL_1087251, EPI_ISL_1087271, EPI_ISL_1087451, EPI_ISL_1087476, EPI_ISL_1087496, EPI_ISL_1087525, EPI_ISL_1087537, EPI_ISL_1087541, EPI_ISL_1087552, EPI_ISL_1087639, EPI_ISL_1087641, EPI_ISL_1087647, EPI_ISL_1087668, EPI_ISL_1087673, EPI_ISL_1087704, EPI_ISL_1087716, EPI_ISL_1087736, EPI_ISL_1087782, EPI_ISL_1087814, EPI_ISL_1087835, EPI_ISL_1087846, EPI_ISL_1087868, EPI_ISL_1087898, EPI_ISL_1087906, EPI_ISL_1087936, EPI_ISL_1087948, EPI_ISL_1087968, EPI_ISL_1087975, EPI_ISL_1087982, EPI_ISL_1087998, EPI_ISL_1088079, EPI_ISL_1088106, EPI_ISL_1088115, EPI_ISL_1088116, EPI_ISL_1088119, EPI_ISL_1088120, EPI_ISL_1088130, EPI_ISL_1088179, EPI_ISL_1088183, EPI_ISL_1088188, EPI_ISL_1088205, EPI_ISL_1088237, EPI_ISL_1088239, EPI_ISL_1088242, EPI_ISL_1088246, EPI_ISL_1088261, EPI_ISL_1088286, EPI_ISL_1088307, EPI_ISL_1088323, EPI_ISL_1088380, EPI_ISL_1088382, EPI_ISL_1088397, EPI_ISL_1088399, EPI_ISL_1088414, EPI_ISL_1088416, EPI_ISL_1088420, EPI_ISL_1088423, EPI_ISL_1088439, EPI_ISL_1088442, EPI_ISL_1088489, EPI_ISL_1088496, EPI_ISL_1088505, EPI_ISL_1088512, EPI_ISL_1088521, EPI_ISL_1088530, EPI_ISL_1088545	see above	Quest Diagnostics Incorporated	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1088593, EPI_ISL_1088598, EPI_ISL_1088600, EPI_ISL_1088601, EPI_ISL_1088605, EPI_ISL_1088606, EPI_ISL_1088639, EPI_ISL_1088640, EPI_ISL_1088648, EPI_ISL_1088650, EPI_ISL_1088677, EPI_ISL_1088692, EPI_ISL_1088699, EPI_ISL_1088703, EPI_ISL_1088720, EPI_ISL_1088751, EPI_ISL_1088831, EPI_ISL_1088833, EPI_ISL_1088835, EPI_ISL_1088840, EPI_ISL_1088849, EPI_ISL_1088851, EPI_ISL_1088855, EPI_ISL_1088887, EPI_ISL_1088899, EPI_ISL_1088901, EPI_ISL_1088913, EPI_ISL_1088914, EPI_ISL_1088956, EPI_ISL_1088962, EPI_ISL_1088966, EPI_ISL_1088997, EPI_ISL_1089007, EPI_ISL_1089050, EPI_ISL_1089064, EPI_ISL_1089080, EPI_ISL_1089101, EPI_ISL_1089118, EPI_ISL_1089154, EPI_ISL_1089160, EPI_ISL_1089180, EPI_ISL_1089192, EPI_ISL_1089198, EPI_ISL_1089225, EPI_ISL_1089258, EPI_ISL_1089266, EPI_ISL_1089272, EPI_ISL_1089286, EPI_ISL_1089289, EPI_ISL_1089312, EPI_ISL_1089318, EPI_ISL_1089319, EPI_ISL_1089369, EPI_ISL_1089422, EPI_ISL_1089429	see above	Helix / Illumina	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, Eileen de Feo, Jan Antico, Christine Tran, Matthew Tolentino, Shannon Wickline, Kim Gietzen, Brad Sickler, Jingtao Liu, Eric Allen, Phil Febbo, Summer Galloway, Nicole L. Washington, Simon White, Geraint Levan, Kelly Schiabor Barrett, Elizabeth Ciriuli, Alexandre Bolze, Ary Ascencio, Charlotte Rivera-Garcia, Ryan Cao, Jason Nguyen, Sherry Wang, Jimmy Ramirez, Tyler Canssens, Efrén Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1090211		Dutch COVID-19 response team	National Institute for Public Health and the Environment (RIVM)	Adam Meijer, Harry Vennema, Dirk Egink, Jeroen Cremer, Sharon van den Brink, Bas van der Veer, AnneMarie van den Brandt, Florian Zwagemaker, Dennis Schmitz, Chantal Reusken, on behalf of the national COVID-19 response team
EPI_ISL_1090283, EPI_ISL_1090327, EPI_ISL_1090353, EPI_ISL_1090361, EPI_ISL_1090364, EPI_ISL_1090374, EPI_ISL_1090379, EPI_ISL_1090382, EPI_ISL_1090391, EPI_ISL_1090449, EPI_ISL_1090460, EPI_ISL_1090463, EPI_ISL_1090479, EPI_ISL_1090496, EPI_ISL_1090520, EPI_ISL_1090564, EPI_ISL_1090565, EPI_ISL_1090585, EPI_ISL_1090661, EPI_ISL_1090675, EPI_ISL_1090679, EPI_ISL_1090697, EPI_ISL_1090737, EPI_ISL_1090748, EPI_ISL_1090755, EPI_ISL_1090757, EPI_ISL_1090761, EPI_ISL_1090783, EPI_ISL_1090818, EPI_ISL_1090845, EPI_ISL_1090850, EPI_ISL_1090865, EPI_ISL_1090880, EPI_ISL_1090881, EPI_ISL_1090885, EPI_ISL_1090923, EPI_ISL_1090925, EPI_ISL_1090953, EPI_ISL_1090956, EPI_ISL_1090961, EPI_ISL_1090972, EPI_ISL_1090973, EPI_ISL_1090975, EPI_ISL_1090998, EPI_ISL_1091000, EPI_ISL_1091004, EPI_ISL_1091020, EPI_ISL_1091026, EPI_ISL_1091050, EPI_ISL_1091054, EPI_ISL_1091057, EPI_ISL_1091069, EPI_ISL_1091071, EPI_ISL_1091075, EPI_ISL_1091081	see above	Quest Diagnostics Incorporated	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1091256		Laboratorio Estatal de Salud Pública de Nuevo León	Laboratorio de Infectología Molecular, Departamento de Bioquímica y Medicina Molecular, Facultad de Medicina - Universidad Autónoma de Nuevo León	Kame A. Galán-Huerta, María F. Herrera-Saldivar, Natalia Martínez-Acuña, Sonia A. Lozano-Sepúlveda, Daniel Arellanos-Soto, Ana M. Rivas-Estilla, Samuel Buenteello-Wong, Else del Carmen García-García, Gloria A. Jasso-de-la-Peña, Roberto Montes-de-Oca, Consuelo Treviño-Garza, Manuel E. de-la-O-Cavazos
EPI_ISL_1091650, EPI_ISL_1091667		US Air Force School of Aerospace Medicine	US Air Force School of Aerospace Medicine	Anthony Fries, Jennifer Meyer, William Gruner, William Buggele, Amanda Javorina, Sarah Purves, Clarise Starr, Elizabeth Macias
EPI_ISL_1091926		Johns Hopkins Hospital Department of Pathology	Johns Hopkins Hospital Department of Pathology	C. Paul Morris, Chun Huai Luo, Adannaya Amadi, Matthew Schwartz, Nicholas Gallagher, Heba H. Mostafa
EPI_ISL_1093549, EPI_ISL_1093553, EPI_ISL_1093555, EPI_ISL_1093563, EPI_ISL_1093565, EPI_ISL_1093566, EPI_ISL_1093567, EPI_ISL_1093569, EPI_ISL_1093571, EPI_ISL_1093581, EPI_ISL_1093593, EPI_ISL_1093597	see above	Alameda County Public Health Department	Alameda County Public Health Department	Kristna Hsieh, Maria Elma, Kevin Libuit
EPI_ISL_1093605, EPI_ISL_1093606, EPI_ISL_1093608, EPI_ISL_1093612, EPI_ISL_1093622, EPI_ISL_1093624, EPI_ISL_1093625, EPI_ISL_1093630, EPI_ISL_1093634, EPI_ISL_1093642, EPI_ISL_1093645, EPI_ISL_1093651, EPI_ISL_1093653, EPI_ISL_1093657, EPI_ISL_1093658, EPI_ISL_1093659, EPI_ISL_1093666, EPI_ISL_1093670, EPI_ISL_1093671, EPI_ISL_1093673, EPI_ISL_1093676, EPI_ISL_1093677, EPI_ISL_1093678, EPI_ISL_1093681, EPI_ISL_1093682, EPI_ISL_1093684, EPI_ISL_1093685, EPI_ISL_1093692, EPI_ISL_1093694, EPI_ISL_1093695, EPI_ISL_1093697, EPI_ISL_1093699, EPI_ISL_1093701, EPI_ISL_1093703, EPI_ISL_1093706, EPI_ISL_1093708, EPI_ISL_1093709, EPI_ISL_1093710, EPI_ISL_1093711, EPI_ISL_1093715, EPI_ISL_1093716, EPI_ISL_1093721, EPI_ISL_1093723, EPI_ISL_1093724, EPI_ISL_1093725, EPI_ISL_1093727, EPI_ISL_1093728, EPI_ISL_1093731, EPI_ISL_1093736, EPI_ISL_1093738, EPI_ISL_1093742, EPI_ISL_1093748, EPI_ISL_1093750, EPI_ISL_1093758, EPI_ISL_1093760, EPI_ISL_1093761, EPI_ISL_1093765, EPI_ISL_1093766, 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EPI_ISL_1095103, EPI_ISL_1095108	GA Department of Public Health Laboratory	Centers for Disease Control and Prevention	Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1095192	CDPH, Viral and Rickettsial Disease Laboratory	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1095356	NC State Laboratory of Public Health	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1095646, EPI_ISL_1095653, EPI_ISL_1095663, EPI_ISL_1095676, EPI_ISL_1095693, EPI_ISL_1095699, EPI_ISL_1095705, EPI_ISL_1095717, EPI_ISL_1095718, EPI_ISL_1095719, EPI_ISL_1095720, EPI_ISL_1095731, EPI_ISL_1095743, EPI_ISL_1095756, EPI_ISL_1095766, EPI_ISL_1095769, EPI_ISL_1095777, EPI_ISL_1095779, EPI_ISL_1095785, EPI_ISL_1095829, EPI_ISL_1095830, EPI_ISL_1095851, EPI_ISL_1095861, EPI_ISL_1095870, EPI_ISL_1095871, EPI_ISL_1095874, EPI_ISL_1095875, EPI_ISL_1095876, EPI_ISL_1095878, EPI_ISL_1095879, EPI_ISL_1095891, EPI_ISL_1095895, EPI_ISL_1095896, EPI_ISL_1095912, EPI_ISL_1095931, EPI_ISL_1095934, EPI_ISL_1095980, EPI_ISL_1095991, EPI_ISL_1095993, EPI_ISL_1095999, EPI_ISL_1096001, EPI_ISL_1096002, EPI_ISL_1096003, EPI_ISL_1096008, EPI_ISL_1096022, EPI_ISL_1096026, EPI_ISL_1096029	see above	Harry Gao, Mickey Li, John Gao, Joseph Fierro, Benafsh Sapra, Becky Tsai, Yan Meng, Doreen Ng, James Xie	
EPI_ISL_1097301, EPI_ISL_1097302	Ministry of Health Turkey	Fulgent Genetics Ministry of Health Turkey	Fatma Bayrakdar, Yasemin Cosgun, Suleyman Yalcin, Gulay Korukluoglu
EPI_ISL_1097565, EPI_ISL_1097577, EPI_ISL_1097583, EPI_ISL_1097619, EPI_ISL_1097637	Colorado Department of Public Health and Environment	Colorado Department of Puplic Health and Environment	Laura Bankers, Molly C. Hetherington-Rauth, Diana Ir, Shannon Ely, Shannon R. Matzinger, Sarah Elizabeth Totten, Emily A. Travanty
EPI_ISL_1097725	Los Angeles County PHL	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1097742	UCLA Clinical Micro Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1097851, EPI_ISL_1097935, EPI_ISL_1098087, EPI_ISL_1098103, EPI_ISL_1098119, EPI_ISL_1098214, EPI_ISL_1098215, EPI_ISL_1098219, EPI_ISL_1098304, EPI_ISL_1098314	Pandemic Response Lab - NYC	Pandemic Response Lab, R&D	Henry Lee, Michael Hammerling, Melissa Hopkins, Cybill del Castillo, Shinyoung Clair Kang, William Ward, Pradeep Bugga, Haiping Hao, Jon Laurent
EPI_ISL_1098609, EPI_ISL_1098627, EPI_ISL_1098630	UCLA Clinical Micro Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1098803, EPI_ISL_1098806	DeRisi Lab, University of California, San Francisco	DeRisi Lab, University of California, San Francisco	Sabrina Mann, Anthea Mitchell, Jamin Liu, Sara Sunshine, Matthew Laurie, Genay Pilarowski, Amy Kistler, Manu Vanaerschoot, Patrick Ayscue, Lucy Li, Eric Chow, IDseq Team, James Peng, Carina Marquez, Luis Rubio, Gabriel Chamie, Diane Jones, Jon Jacobo, Susana Rojas, Susy Rojas, Valerie Tulier-Laiwa, Douglas Black, Jackie Martinez, Maya Petersen, Diane Havlir, and Joseph DeRisi
EPI_ISL_1110064, EPI_ISL_1110075, EPI_ISL_1110085, EPI_ISL_1110105, EPI_ISL_1110109, EPI_ISL_1110119, EPI_ISL_1110123	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Shah Mohamed Bakhsh, Michelle Lin, Noah Baker, Meei-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_1110846, EPI_ISL_1110847, EPI_ISL_1110848, EPI_ISL_1110849	Virginia Division of Consolidated Laboratory Services	Virginia Division of Consolidated Laboratory Services	Virginia DCLS
EPI_ISL_1111065	IL Department of Public Health Chicago Laboratory	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Brian Lynch, Anna Kelleher, Krista Queen, Anna Uehara, Peter Cook, Han Jia Ng, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_1111537, EPI_ISL_1111545	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Jim Mildenerberger, Wanda Manley, Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Chayse Rowley, Marley Goetz, Brian Dominguez, Elliot Thomasson, Carl Sloma, and Rob Christensen
EPI_ISL_1111567, EPI_ISL_1111568, EPI_ISL_1111569	Virginia Division of Consolidated Laboratory Services	Virginia Division of Consolidated Laboratory Services	Virginia DCLS
EPI_ISL_1113138	Rocky Mountain Laboratories	Rocky Mountain Laboratories	van Doremalen,N., Holbrook,M.G., Barbian,K.D., Bushmaker,C.,Bushmaker,T., Martens,C.A. and Munster,V.J.
EPI_ISL_1113223	Gundersen Molecular Diagnostics Laboratory	Kabara Cancer Research Institute	Craig S. Richmond, Paraic A. Kenny
EPI_ISL_1113497, EPI_ISL_1113507, EPI_ISL_1113508, EPI_ISL_1113510, EPI_ISL_1113512	Arizona Department of Health Services	TGen North	*Jolene Bowers, Megan Folkerts, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)*
EPI_ISL_1113569, EPI_ISL_1113570	TGen North	TGen North	*Jolene Bowers, Megan Folkerts, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)*
EPI_ISL_1113574, EPI_ISL_1113651	Sonora Quest Laboratories	TGen North	*Jolene Bowers, Megan Folkerts, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)*
EPI_ISL_1113733	New Mexico Department of Health Scientific Laboratory	New Mexico Department of Health Scientific Laboratory	Ellie Johnson, Anastacia Griego-Fisher, D'eldra Malone, Jennifer Benoit
EPI_ISL_1113806, EPI_ISL_1113937, EPI_ISL_1114049, EPI_ISL_1114073, EPI_ISL_1114075, EPI_ISL_1114077, EPI_ISL_1114106, EPI_ISL_1114111, EPI_ISL_1114134, EPI_ISL_1114146	Quest Diagnostics Incorporated	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1114247, EPI_ISL_1114250	Washington State Department of Health	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Erica Ryke, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Romesh Gautom, Geoff Melly, Brian Hiatt, Philip Dykema, Scott Lindquist, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Helen Y. Chu, Jay Shendure, Trevor Bedford
EPI_ISL_1114308	Altius Institute for Biomedical Sciences	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Erica Ryke, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Ryan Alexander, Daniel Bates, Rebecca Bruders, Stephanie DeBaun, Clem Green, Muhammad Halimun, Jessica Halow, Kneshay Harper, Matt Hartman, Andrew Meuser, Alex Nguyen, Truong Nguyen, Sofia Olsson, Sadie Patraw, Hannah Petersen, Tobias Ragoczy, Joshua Richards, Jacob Rodriguez, John Stamatoyannopoulos, Julia Wald, Olivia Waltner, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Helen Y. Chu, Jay Shendure, Trevor Bedford
EPI_ISL_1114438, EPI_ISL_1114443	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin L. Young, Kelly F. Oakeson, Tara Gallagher
EPI_ISL_1114479	Department of Health and Mental Hygiene Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1114560, EPI_ISL_1114580, EPI_ISL_1114582, EPI_ISL_1114583, EPI_ISL_1114585, EPI_ISL_1114593, EPI_ISL_1114608, EPI_ISL_1114644	Quest Diagnostics Incorporated	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1114677, EPI_ISL_1114689	New Mexico Department of Health Scientific Laboratory	New Mexico Department of Health Scientific Laboratory	Ellie Johnson, Anastacia Griego-Fisher, D'eldra Malone, Jennifer Benoit
EPI_ISL_1116546	NYU Langone Health	Departments of Pathology and Medicine, New York University	Adriana Heguy, Dacia Dimartino, Emily Guzman, Christian Marier, Peter Meyn, Sitharam Ramaswami, Gael Westby, Paul Zappile, Yutong Zhang, Paolo

	School of Medicine	Cotzia, Guiqing Wang	
EPI_ISL_1117905	Institute of Legal Medicine, Medical University of Innsbruck	Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Lukas Endler, Anna Schedl, Thomas Penz, Benedikt Agerer, Maelle Le Moing, Michael Schuster, Bekir Erguner, Jan Laine, Martin Senekowitsch, Christoph Bock, Andreas Bergthaler
EPI_ISL_1121026	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Jim Mildenerberger, Wanda Manley, Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Chayse Rowley, Marley Goetz, Brian Dominguez, Elliot Thomasson, Carl Sloma, and Rob Christensen
EPI_ISL_1121269, EPI_ISL_1121270	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_1121503	New Mexico Department of Health Scientific Laboratory	Center for Global Health, University of New Mexico Health Sciences Center	Daryl Domman, Kurt Schwalm, Twila Kunde, Joseph Hicks, Anastacia Griego, Michael Edwards, Darrell Dinwiddie
EPI_ISL_1121567, EPI_ISL_1121607	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1121897	OCME Office Of Chief Medical Examiner	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1121982	New South Wales Health Pathology Royal Prince Alfred Hospital	Microbiology RPAH	Foster, C.; Au, J.; Ruiz Silva, M.; Deveson, I.; Bull, R.; Van Hal, S.; Rawlinson, W.
EPI_ISL_1122098, EPI_ISL_1122266, EPI_ISL_1122319, EPI_ISL_1122346	OHSU Lab Services Molecular Microbiology Lab	Oregon SARS-CoV-2 Genome Sequencing Center	Brendan L. O'Connell, Sally Grindstaff, Kayla Carter, Ruth V. Nichols, Alec J. Hirsch, Donna Hansel, Guang Fan, Xuan, Qin, Daniel N. Streblow, William B. Messer, Andrew C. Adey, Benjamin N. Birnber, Brian J. O'Roak
EPI_ISL_1132133, EPI_ISL_1132136, EPI_ISL_1132149, EPI_ISL_1132152, EPI_ISL_1132166, EPI_ISL_1132173, EPI_ISL_1132180, EPI_ISL_1132246, EPI_ISL_1132252, EPI_ISL_1132300, EPI_ISL_1132347, EPI_ISL_1132349, EPI_ISL_1132350, EPI_ISL_1132351, EPI_ISL_1132355, EPI_ISL_1132362			
see above	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton
EPI_ISL_1132846, EPI_ISL_1132852, EPI_ISL_1132885, EPI_ISL_1132896, EPI_ISL_1132901, EPI_ISL_1132903, EPI_ISL_1132911, EPI_ISL_1132920, EPI_ISL_1132926, EPI_ISL_1132929, EPI_ISL_1132932, EPI_ISL_1132935, EPI_ISL_1132939, EPI_ISL_1132945, EPI_ISL_1132954, EPI_ISL_1132965, EPI_ISL_1132970			
see above	Fulgent Genetics	Fulgent Genetics	Harry Gao, Mickey Li, John Gao, Joseph Fierro, Benafsh Sapra, Becky Tsai, Yan Meng, Doreen Ng, James Xie
EPI_ISL_1133793, EPI_ISL_1133824, EPI_ISL_1133887, EPI_ISL_1133899, EPI_ISL_1133916, EPI_ISL_1133921, EPI_ISL_1133929, EPI_ISL_1133945, EPI_ISL_1134002, EPI_ISL_1134009, EPI_ISL_1134048, EPI_ISL_1134070, EPI_ISL_1134085, EPI_ISL_1134146, EPI_ISL_1134151, EPI_ISL_1134157, EPI_ISL_1134166, EPI_ISL_1134213, EPI_ISL_1134238, EPI_ISL_1134276, EPI_ISL_1134279, EPI_ISL_1134294, EPI_ISL_1134298, EPI_ISL_1134310, EPI_ISL_1134332, EPI_ISL_1134334, EPI_ISL_1134369, EPI_ISL_1134372, EPI_ISL_1134432, EPI_ISL_1134458, EPI_ISL_1134483, EPI_ISL_1134497, EPI_ISL_1134566, EPI_ISL_1134579, EPI_ISL_1134580, EPI_ISL_1134607, EPI_ISL_1134634, EPI_ISL_1134635, EPI_ISL_1134665, EPI_ISL_1134680, EPI_ISL_1134685, EPI_ISL_1134708, EPI_ISL_1134718, EPI_ISL_1134729, EPI_ISL_1134754, EPI_ISL_1134767, EPI_ISL_1134797			
see above	Helix/Illumina	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, Eileen de Feo, Jan Antico, Christine Tran, Matthew Tolentino, Shannon Wickline, Kim Gietzen, Brad Sickler, Jingtao Liu, Eric Allen, Phil Febbo, Summer Galloway, Nicole L. Washington, Simon White, Geraint Levan, Kelly Schiabor, Barrett, Elizabeth Cirulli, Alexandre Bolze, Ary Ascencio, Charlotte Rivera-Garcia, Ryan Cho, Jason Nguyen, Sherry Wang, Jimmy Ramirez, Tyler Cassens, Efrén Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1134841, EPI_ISL_1134891, EPI_ISL_1134896, EPI_ISL_1134902	Fulgent Genetics	Fulgent Genetics	Harry Gao, Mickey Li, John Gao, Joseph Fierro, Benafsh Sapra, Becky Tsai, Yan Meng, Doreen Ng, James Xie
EPI_ISL_1135865, EPI_ISL_1135869, EPI_ISL_1135872, EPI_ISL_1135874, EPI_ISL_1135911, EPI_ISL_1135913, EPI_ISL_1135917, EPI_ISL_1135919, EPI_ISL_1135925, EPI_ISL_1135940, EPI_ISL_1135952, EPI_ISL_1135974, EPI_ISL_1136013, EPI_ISL_1136025, EPI_ISL_1136029, EPI_ISL_1136033, EPI_ISL_1136034, EPI_ISL_1136044, EPI_ISL_1136066, EPI_ISL_1136071, EPI_ISL_1136073, EPI_ISL_1136099, EPI_ISL_1136116, EPI_ISL_1136129, EPI_ISL_1136136, EPI_ISL_1136141, EPI_ISL_1136153, EPI_ISL_1136182, EPI_ISL_1136188, EPI_ISL_1136194, EPI_ISL_1136195, EPI_ISL_1136197, EPI_ISL_1136198, EPI_ISL_1136200, EPI_ISL_1136201, EPI_ISL_1136202, EPI_ISL_1136203, EPI_ISL_1136204, EPI_ISL_1136206, EPI_ISL_1136209, EPI_ISL_1136210, EPI_ISL_1136256, EPI_ISL_1136285, EPI_ISL_1136286, EPI_ISL_1136287, EPI_ISL_1136319, EPI_ISL_1136320, EPI_ISL_1136348, EPI_ISL_1136349, EPI_ISL_1136380, EPI_ISL_1136383, EPI_ISL_1136391, EPI_ISL_1136392, EPI_ISL_1136393, EPI_ISL_1136396, EPI_ISL_1136397, EPI_ISL_1136399, EPI_ISL_1136400, EPI_ISL_1136401, EPI_ISL_1136403, EPI_ISL_1136405, EPI_ISL_1136417, EPI_ISL_1136443, EPI_ISL_1136448, EPI_ISL_1136462, EPI_ISL_1136469, EPI_ISL_1136470, EPI_ISL_1136480, EPI_ISL_1136482, EPI_ISL_1136484, EPI_ISL_1136498, EPI_ISL_1136501, EPI_ISL_1136513, EPI_ISL_1136517, EPI_ISL_1136520, EPI_ISL_1136521, EPI_ISL_1136523, EPI_ISL_1136530, EPI_ISL_1136531, EPI_ISL_1136532, EPI_ISL_1136533, EPI_ISL_1136534, EPI_ISL_1136535, EPI_ISL_1136536, EPI_ISL_1136548, EPI_ISL_1136556, EPI_ISL_1136559, EPI_ISL_1136560, EPI_ISL_1136564, EPI_ISL_1136565, EPI_ISL_1136588, EPI_ISL_1136621, EPI_ISL_1136637, EPI_ISL_1136673, EPI_ISL_1136674, EPI_ISL_1136680, EPI_ISL_1136682, EPI_ISL_1136693, EPI_ISL_1136721, EPI_ISL_1136757, EPI_ISL_1136763, EPI_ISL_1136769, EPI_ISL_1136770, EPI_ISL_1136796, EPI_ISL_1136835, EPI_ISL_1136842, EPI_ISL_1136847, EPI_ISL_1137260, EPI_ISL_1137264, EPI_ISL_1137269, EPI_ISL_1137276, EPI_ISL_1137289			
see above	Nevada State Public Health Laboratory	Nevada State Public Health Laboratory	Andrew Gorzalski, Mark Pandori
EPI_ISL_1137633, EPI_ISL_1137634, EPI_ISL_1137635, EPI_ISL_1137637, EPI_ISL_1137639, EPI_ISL_1137640, EPI_ISL_1137641, EPI_ISL_1137642, EPI_ISL_1137643, EPI_ISL_1137645, EPI_ISL_1137646			
see above	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Department
EPI_ISL_1139223, EPI_ISL_1139238, EPI_ISL_1139275, EPI_ISL_1139287, EPI_ISL_1139292, EPI_ISL_1139297, EPI_ISL_1139326, EPI_ISL_1139335, EPI_ISL_1139363, EPI_ISL_1139383, EPI_ISL_1139393, EPI_ISL_1139399, EPI_ISL_1139401, EPI_ISL_1139407, EPI_ISL_1139416, EPI_ISL_1139421, EPI_ISL_1139481, EPI_ISL_1139506, EPI_ISL_1139507, EPI_ISL_1139564, EPI_ISL_1139567, EPI_ISL_1139570, EPI_ISL_1139606, EPI_ISL_1139640, EPI_ISL_1139664, EPI_ISL_1139717, EPI_ISL_1139732, EPI_ISL_1139736, EPI_ISL_1139746, EPI_ISL_1139776, EPI_ISL_1139799, EPI_ISL_1139804, EPI_ISL_1139820, EPI_ISL_1139832, EPI_ISL_1139833, EPI_ISL_1139836, EPI_ISL_1139849, EPI_ISL_1139850, EPI_ISL_1139852, EPI_ISL_1139857, EPI_ISL_1139866, EPI_ISL_1139867, EPI_ISL_1139868, EPI_ISL_1139876, EPI_ISL_1139880, EPI_ISL_1139884, EPI_ISL_1139890, EPI_ISL_1139894, EPI_ISL_1139907, EPI_ISL_1139909, EPI_ISL_1139915, EPI_ISL_1139919, EPI_ISL_1139925, EPI_ISL_1139931, EPI_ISL_1139937, EPI_ISL_1139939, EPI_ISL_1139941, EPI_ISL_1139959, EPI_ISL_1139979, EPI_ISL_1139982, EPI_ISL_1139983, EPI_ISL_1139989, EPI_ISL_1139997, EPI_ISL_1140007, EPI_ISL_1140014, EPI_ISL_1140015, EPI_ISL_1140018, EPI_ISL_1140020, EPI_ISL_1140021, EPI_ISL_1140022, EPI_ISL_1140025, EPI_ISL_1140026, EPI_ISL_1140028, EPI_ISL_1140037, EPI_ISL_1140040			
see above	Quest Diagnostics Incorporated	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1140056	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Jim Mildenerberger, Wanda Manley, Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Chayse Rowley, Marley Goetz, Brian Dominguez, Elliot Thomasson, Carl Sloma, and Rob Christensen
EPI_ISL_1148554	MVZ Labor Dr. Fenner und Kollegen (Standort Hamburg)	Robert Koch Institute	unknown
EPI_ISL_1148885	SYNLAB Jena Oncoscreen	Robert Koch Institute	unknown
EPI_ISL_1157486	Northwestern Memorial Hospital	Northwestern University - Ozer Lab	Ramon Lorenzo-Redondo, Lacy M. Simons, Taylor J. Dean, Chad J. Achenbach, Lawrence J. Jennings, Chao Qi, Michael G. Ison, Judd F. Hultquist, Egon A. Ozer
EPI_ISL_1158064, EPI_ISL_1158065, EPI_ISL_1158066, EPI_ISL_1158150, EPI_ISL_1158235, EPI_ISL_1158241, EPI_ISL_1158282, EPI_ISL_1158298, EPI_ISL_1158327, EPI_ISL_1158400, EPI_ISL_1158430, EPI_ISL_1158535			
see above	Michigan Department of Health and Human Services, Bureau of Laboratories	Michigan Department of Health and Human Services, Bureau of Laboratories	Blankenship HM, Riner D, Soehnlen MK
EPI_ISL_1158948, EPI_ISL_1158959, EPI_ISL_1158977, EPI_ISL_1159009, EPI_ISL_1159010, EPI_ISL_1159013, EPI_ISL_1159019, EPI_ISL_1159020, EPI_ISL_1159059	Quest Diagnostics Incorporated	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1159263, EPI_ISL_1159273, EPI_ISL_1159281, EPI_ISL_1159295, EPI_ISL_1159297, EPI_ISL_1159314, EPI_ISL_1159321	Quest Diagnostics Incorporated	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1159431, EPI_ISL_1159476, EPI_ISL_1159486, EPI_ISL_1159497, EPI_ISL_1159504, EPI_ISL_1159515, EPI_ISL_1159554, EPI_ISL_1159645, EPI_ISL_1159647, EPI_ISL_1159652, EPI_ISL_1159653, EPI_ISL_1159656, EPI_ISL_1159680			
see above	Quest Diagnostics Incorporated	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1159859	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Kelsey R. Florek, Abigail C. Shockey
EPI_ISL_1159909, EPI_ISL_1159962, EPI_ISL_1159995, EPI_ISL_1160007, EPI_ISL_1160027, EPI_ISL_1160062, EPI_ISL_1160073, EPI_ISL_1160074, EPI_ISL_1160075, EPI_ISL_1160076, EPI_ISL_1160077, EPI_ISL_1160078, EPI_ISL_1160079, EPI_ISL_1160081, EPI_ISL_1160102, EPI_ISL_1160111, EPI_ISL_1160216, EPI_ISL_1160222, EPI_ISL_1160253, EPI_ISL_1160254, EPI_ISL_1160260, EPI_ISL_1160275, EPI_ISL_1160279, EPI_ISL_1160318, EPI_ISL_1160327, EPI_ISL_1160353, EPI_ISL_1160356, EPI_ISL_1160385, EPI_ISL_1160451, EPI_ISL_1160453, EPI_ISL_1160477, EPI_ISL_1160483, EPI_ISL_1160505, EPI_ISL_1160523			

EPI_ISL_1160524, EPI_ISL_1160557, EPI_ISL_1160572, EPI_ISL_1160573, EPI_ISL_1160592, EPI_ISL_1160621, EPI_ISL_1160627, EPI_ISL_1160635, EPI_ISL_1160660, EPI_ISL_1160675, EPI_ISL_1160709, EPI_ISL_1160739, EPI_ISL_1160750, EPI_ISL_1160775, EPI_ISL_1160777, EPI_ISL_1160811, EPI_ISL_1160815, EPI_ISL_1160825, EPI_ISL_1160841, EPI_ISL_1160886, EPI_ISL_1160912, EPI_ISL_1160965, EPI_ISL_1161004, EPI_ISL_1161079, EPI_ISL_1161311, EPI_ISL_1161334, EPI_ISL_1161380, EPI_ISL_1161391, EPI_ISL_1161427, EPI_ISL_1161472, EPI_ISL_1161602, EPI_ISL_1161658, EPI_ISL_1161698, EPI_ISL_1161699, EPI_ISL_1161700, EPI_ISL_1161701, EPI_ISL_1161702, EPI_ISL_1161703, EPI_ISL_1161704, EPI_ISL_1161705, EPI_ISL_1161706, EPI_ISL_1161707, EPI_ISL_1161708, EPI_ISL_1161709, EPI_ISL_1161710, EPI_ISL_1161711, EPI_ISL_1161712, EPI_ISL_1161723, EPI_ISL_1161729, EPI_ISL_1161743, EPI_ISL_1161883, EPI_ISL_1161884, EPI_ISL_1161886, EPI_ISL_1161893, EPI_ISL_1161920, EPI_ISL_1161943, EPI_ISL_1161982, EPI_ISL_1161998, EPI_ISL_1162052, EPI_ISL_1162131, EPI_ISL_1162217, EPI_ISL_1162221, EPI_ISL_1162225, EPI_ISL_1162273, EPI_ISL_1162287, EPI_ISL_1162293, EPI_ISL_1162299, EPI_ISL_1162303, EPI_ISL_1162312, EPI_ISL_1162313, EPI_ISL_1162378, EPI_ISL_1162400, EPI_ISL_1162453, EPI_ISL_1162542, EPI_ISL_1162583, EPI_ISL_1162641, EPI_ISL_1162665, EPI_ISL_1162687, EPI_ISL_1162693, EPI_ISL_1162724, EPI_ISL_1162765, EPI_ISL_1162783, EPI_ISL_1162808, EPI_ISL_1162810, EPI_ISL_1162814, EPI_ISL_1162820, EPI_ISL_1162823, EPI_ISL_1162980, EPI_ISL_1162985, EPI_ISL_1162986, EPI_ISL_1163045, EPI_ISL_1163093, EPI_ISL_1163386, EPI_ISL_1163432, EPI_ISL_1163436, EPI_ISL_1163447, EPI_ISL_1163492	see above	Laboratory Corporation of America	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, Minoo Agarwal, Eyad Almasri Debbie Boles, Ayla Burns, Nuthawin Charoensri, Oren Cohen, Susan Countryman, Mary Ann Cristobal, Bobbi Croy, Suzanne Dale, Hrushikesh Deshmukh, Amanda Douglas, Vincent Drouillon, Marcia Eisenberg, Howard Engler, Rama Ghatti, Prashant Gupta, Susan Hicks, Jake Humphrey, Lax Iyer, Manoj Jain, Mohan Kolli, Brian Krueger, Tim Kuphal, Stanley Letovsky, Michael Levandoski, Craig Lukasik, Jonathan Meltzer, Brian Norvell, Mindy Nye, Scott Parker, Christos Petropoulos, John Pruitt, Steven Ragan, Scott Ryan, Mike Sapeta, Jana Schroth, Suresh Babu Selvaraju, Goran Stevovic, Amanda Suchanek, Andrea Throop, Lyndon Tilson, Thomas Urban, Joe Voshell, Kimberly Wagner, Jonathan Williams, Mary Williamson, Qian Zeng, Tricia Zwiefelhofer, Clinton R. Paden, Suxiang Tong, Duncan MacCannell	
EPI_ISL_1163638		Maine HETL		Tewhey Lab, The Jackson Laboratory	Matluk,N., Dewey,H., Isoue,F., Barter,M., Lynch,R., Munger,H. and Tewhey,R.
EPI_ISL_1164360, EPI_ISL_1164366, EPI_ISL_1164367, EPI_ISL_1164372, EPI_ISL_1164378, EPI_ISL_1164392, EPI_ISL_1164393, EPI_ISL_1164395, EPI_ISL_1164396, EPI_ISL_1164412, EPI_ISL_1164417, EPI_ISL_1164419, EPI_ISL_1164426, EPI_ISL_1164427, EPI_ISL_1164428, EPI_ISL_1164429, EPI_ISL_1164435, EPI_ISL_1164436	see above	Fulgent Genetics		Fulgent Genetics	Harry Gao, Mickey Li, John Gao, Joseph Fierro, Benafsh Sapra, Becky Tsai, Yan Meng, Doreen Ng, James Xie
EPI_ISL_1165574, EPI_ISL_1165575, EPI_ISL_1165576, EPI_ISL_1165594, EPI_ISL_1165599, EPI_ISL_1165602, EPI_ISL_1165610, EPI_ISL_1165611, EPI_ISL_1165613, EPI_ISL_1165615, EPI_ISL_1165623, EPI_ISL_1165625	see above	Dutch COVID-19 response team		National Institute for Public Health and the Environment (RIVM)	Adam Meijer, Harry Vennema, Dirk Eggink, Jeroen Cremer, Sharon van den Brink, Bas van der Veer, AnneMarie van den Brandt, Florian Zwagemaker, Dennis Schmitz, Chantal Reusken, on behalf of the national COVID-19 response team
EPI_ISL_1166146, EPI_ISL_1166192, EPI_ISL_1166214		University of Wisconsin-Madison AIDS Vaccine Research Laboratories		University of Wisconsin-Madison AIDS Vaccine Research Laboratories	Gage Moreno, Katarina Braun, et al. AIDS Vaccine Research Laboratories
EPI_ISL_1166862, EPI_ISL_1166863, EPI_ISL_1166869, EPI_ISL_1166870		Wyoming Public Health Laboratory		Wyoming Public Health Laboratory	Jim Mildenerberger, Wanda Manley, Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Chayse Rowley, Marley Goetz, Brian Dominguez, Elliot Thomasson, Cari Sloma, and Rob Christensen
EPI_ISL_1167211, EPI_ISL_1167238, EPI_ISL_1167239, EPI_ISL_1167241, EPI_ISL_1167246		UW Virology Lab		UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Shah Mohamed Bakhsh, Michelle Lin, Noah Baker, Meei-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_1168505, EPI_ISL_1168513, EPI_ISL_1168516, EPI_ISL_1168518, EPI_ISL_1168555		Instituto de Diagnostico y Referencia Epidemiologicos INDRE_RNLSP		Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Claudia Wong-Arambula, Abril Rodriguez-Maldonado, Vanessa Rivero-Arredondo, Ariadna Medina-Benitez, Joaquin Quiroz-Mercado,David Fragoso-Fonseca, Sergio Rangel-Guerrero, Natividad Cruz-Ortiz, Tatiana Nunez-Garcia, Gisela Barrera-Badillo, Lucia Hernandez-Rivas, Irma Lopez-Martinez, Ernesto Ramirez-Gonzalez.
EPI_ISL_1169579, EPI_ISL_1169580, EPI_ISL_1169581, EPI_ISL_1169582, EPI_ISL_1169586, EPI_ISL_1169587, EPI_ISL_1169596, EPI_ISL_1169599		Santa Clara County Public Health Laboratory		Santa Clara County Public Health Laboratory	Santa Clara County Public Health Department
EPI_ISL_1169687, EPI_ISL_1169688, EPI_ISL_1169690, EPI_ISL_1169733, EPI_ISL_1169741, EPI_ISL_1169776, EPI_ISL_1169789, EPI_ISL_1169794, EPI_ISL_1169804, EPI_ISL_1169814		Colorado Department of Public Health and Environment		Colorado Department of Public Health and Environment	Laura Bankers, Molly C. Hetherington-Rauth, Diana Ir, Shannon Ely, Shannon R. Matzinger, Sarah Elizabeth Totten, Emily A. Travanty
EPI_ISL_1169842, EPI_ISL_1169843		Nevada State Public Health Laboratory		Nevada State Public Health Laboratory	Andrew Gorzalski, Mark Pandori
EPI_ISL_1170731		Public Health Ontario Laboratory		Public Health Ontario Laboratory	Vanessa G Allen, Philip Banh, Yao Chen, Richard de Borja, Alireza Eshaghi, Nahuel Fittipaldi, Christine Frantz, Jonathan B Gubbay, Jennifer L Guthrie, Lawrence Heisler, Esha Joshi, Michael Laszloffy, Aimin Li, Michael CY Li, Dean Maxwell, Sandeep Nagra, Samir N Patel, Jared Simpson, Karthikeyan Sivaraman, Ashleigh Sullivan, Yogi Sundaravadanam, Sarah Teatero, Andre Villegas, Matthew Watson, Sandra Zittermann
EPI_ISL_1171166, EPI_ISL_1171226, EPI_ISL_1171377		OHSU Lab Services Molecular Microbiology Lab		Ginkgo Bioworks Clinical Laboratory	Brendan L. O'Connell, Sally Grindstaff, Kayla Carter, Ruth V. Nichols, Malaika McKenzie-Bennett, James McGann, Jim Griffin, Keith Robison, Alex Plocik, Becky Schilling, Martha Pierson, Rebecca Littlefield, Michelle Spencer, Amanda Riccardi, Birgitte Simen, Alec J. Hirsch, Donna Hansel, Guang Fan, Xuan Qin, Daniel N. Streblow, William B. Messer, Andrew C. Adey, Benjamin N. Bimber, Brian J. O'Roak
EPI_ISL_1171767		Wyoming Public Health Laboratory		Wyoming Public Health Laboratory	Jim Mildenerberger, Wanda Manley, Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Chayse Rowley, Marley Goetz, Brian Dominguez, Elliot Thomasson, Cari Sloma, and Rob Christensen
EPI_ISL_1171841		Johns Hopkins Hospital Department of Pathology		Johns Hopkins Hospital Department of Pathology	C. Paul Morris, Chun Huai Luo, Adannaya Amadi, Matthew Schwartz, Nicholas Gallagher, Heba H. Mostafa
EPI_ISL_1172059, EPI_ISL_1172078, EPI_ISL_1172080, EPI_ISL_1172085, EPI_ISL_1172088, EPI_ISL_1172090, EPI_ISL_1172097, EPI_ISL_1172098, EPI_ISL_1172099, EPI_ISL_1172102, EPI_ISL_1172103, EPI_ISL_1172105, EPI_ISL_1172107	see above	Fulgent Genetics		Fulgent Genetics	Harry Gao, Mickey Li, John Gao, Joseph Fierro, Benafsh Sapra, Becky Tsai, Yan Meng, Doreen Ng, James Xie
EPI_ISL_1172173, EPI_ISL_1172415, EPI_ISL_1172417, EPI_ISL_1172706, EPI_ISL_1172720, EPI_ISL_1173124, EPI_ISL_1173145		Pandemic Response Lab - NYC		Pandemic Response Lab, R&D	Henry Lee, Michael Hammerling, Melissa Hopkins, Cybill del Castillo, Shinyoung Clair Kang, William Ward, Pradeep Bugga, Haiping Hao, Jon Laurent
EPI_ISL_1180980, EPI_ISL_1180982, EPI_ISL_1180996, EPI_ISL_1181013, EPI_ISL_1181036, EPI_ISL_1181078, EPI_ISL_1181086, EPI_ISL_1181091, EPI_ISL_1181092		UW Virology Lab		UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Shah Mohamed Bakhsh, Michelle Lin, Noah Baker, Sean Ellis, Saraswathi Sathees, Meei-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_1181638		DPHL		Delaware Public Health Lab	Gregory Hovan
EPI_ISL_1181995		Maryland Public Health Laboratory		Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_1182528		Sonora Quest Laboratories		TGen North	Jolene Bowers, Heather Centner, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)
EPI_ISL_1182638, EPI_ISL_1182646, EPI_ISL_1182647, EPI_ISL_1182648, EPI_ISL_1182651, EPI_ISL_1182652		Wyoming Public Health Laboratory		Wyoming Public Health Laboratory	Jim Mildenerberger, Wanda Manley, Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Chayse Rowley, Marley Goetz, Brian Dominguez, Elliot Thomasson, Cari Sloma, and Rob Christensen
EPI_ISL_1182686		University of Wisconsin-Madison AIDS Vaccine Research Laboratories		University of Wisconsin-Madison AIDS Vaccine Research Laboratories	Gage Moreno, Katarina Braun, et al. AIDS Vaccine Research Laboratories
EPI_ISL_1183693, EPI_ISL_1183742, EPI_ISL_1183749, EPI_ISL_1183763		Utah Public Health Laboratory		Utah Public Health Laboratory	Erin L. Young, Kelly F. Oakeson, Tara Gallagher
EPI_ISL_1183986, EPI_ISL_1184010		Sonora Quest Laboratories		TGen North	Jolene Bowers, Heather Centner, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)



EPI_ISL_1184127	Kentucky State Public Health Lab	Kentucky State Public Health Lab	Stephanie Lunn, Karim George, Joshua Tobias, William Grooms, Vaneet Arora, Matthew Johnson, Rachel Zinner, Rhonda Lucas
EPI_ISL_1184140, EPI_ISL_1184144	Virginia Division of Consolidated Laboratory Services	Virginia Division of Consolidated Laboratory Services	Virginia DCLS
EPI_ISL_1184291, EPI_ISL_1184297	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1184583, EPI_ISL_1184584, EPI_ISL_1184604, EPI_ISL_1184605, EPI_ISL_1184606, EPI_ISL_1184608, EPI_ISL_1184609, EPI_ISL_1184610, EPI_ISL_1184612, EPI_ISL_1184613, EPI_ISL_1184614, EPI_ISL_1184615, EPI_ISL_1184616, EPI_ISL_1184617, EPI_ISL_1184619, EPI_ISL_1184620			
see above	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1184627, EPI_ISL_1184633, EPI_ISL_1184634, EPI_ISL_1184674, EPI_ISL_1184679	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1184822, EPI_ISL_1184823, EPI_ISL_1184824	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1184828, EPI_ISL_1184831, EPI_ISL_1184839, EPI_ISL_1184841, EPI_ISL_1184842, EPI_ISL_1184843, EPI_ISL_1184846, EPI_ISL_1184857	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1184861, EPI_ISL_1184866, EPI_ISL_1184874, EPI_ISL_1184882, EPI_ISL_1184892, EPI_ISL_1184894, EPI_ISL_1184896, EPI_ISL_1184902, EPI_ISL_1184903, EPI_ISL_1184919, EPI_ISL_1184926, EPI_ISL_1184927, EPI_ISL_1184928, EPI_ISL_1184929, EPI_ISL_1184930, EPI_ISL_1184931, EPI_ISL_1184936, EPI_ISL_1184942, EPI_ISL_1184946, EPI_ISL_1184951, EPI_ISL_1184954, EPI_ISL_1184958, EPI_ISL_1184959, EPI_ISL_1184960, EPI_ISL_1184963			
see above	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1185016, EPI_ISL_1185017, EPI_ISL_1185019, EPI_ISL_1185020, EPI_ISL_1185022, EPI_ISL_1185023, EPI_ISL_1185024	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1185032	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1185034, EPI_ISL_1185036	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1185039	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1185044	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1185048, EPI_ISL_1185062	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1185066, EPI_ISL_1185071	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1185076	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1185080	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1185081	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1185082, EPI_ISL_1185094, EPI_ISL_1185102	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1185104	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1185105	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1185106, EPI_ISL_1185107, EPI_ISL_1185108	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1185110, EPI_ISL_1185111	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1185112, EPI_ISL_1185113, EPI_ISL_1185114, EPI_ISL_1185115	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1185116	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1185118	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1185120	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1185121	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1185129	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1185131, EPI_ISL_1185134	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1185139	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1185142	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1185143, EPI_ISL_1185145, EPI_ISL_1185146	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1185151	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1185152, EPI_ISL_1185159, EPI_ISL_1185160, EPI_ISL_1185163, EPI_ISL_1185165, EPI_ISL_1185171	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1185172, EPI_ISL_1185176	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1185177	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1185191	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1185194	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1185197	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1185202	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1185206, EPI_ISL_1185209	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1185210	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1185212, EPI_ISL_1185217, EPI_ISL_1185227, EPI_ISL_1185235	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1185239, EPI_ISL_1185251, EPI_ISL_1185252	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium

EPI_ISL_1185257	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium	
EPI_ISL_1185264	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium	
EPI_ISL_1185272, EPI_ISL_1185278	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium	
EPI_ISL_1185283	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium	
EPI_ISL_1185299	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium	
EPI_ISL_1185312	Humboldt County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium	
EPI_ISL_1185313	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium	
EPI_ISL_1185338	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium	
EPI_ISL_1185357, EPI_ISL_1185362, EPI_ISL_1185364	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium	
EPI_ISL_1185374	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium	
EPI_ISL_1185376, EPI_ISL_1185383	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium	
EPI_ISL_1185433, EPI_ISL_1185441	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium	
EPI_ISL_1185443	County of San Luis Obispo Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium	
EPI_ISL_1185456, EPI_ISL_1185459, EPI_ISL_1185466	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium	
EPI_ISL_1185490	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium	
EPI_ISL_1185496, EPI_ISL_1185501	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium	
EPI_ISL_1185856, EPI_ISL_1185880, EPI_ISL_1185890	Scripps Medical Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Michael Quigley, Ellen Stefanski, Ian Mchardy	
EPI_ISL_1185903, EPI_ISL_1185907, EPI_ISL_1185909, EPI_ISL_1185910, EPI_ISL_1185920, EPI_ISL_1185925, EPI_ISL_1185931, EPI_ISL_1185934, EPI_ISL_1185938, EPI_ISL_1185942, EPI_ISL_1185949, EPI_ISL_1185955, EPI_ISL_1185957	see above	Sharp HealthCare Laboratory	SEARCH Alliance San Diego with Aaron Harding, Jacquelyn Berumen, Cathy Woerle, Liam McGinnis, Art Mendoza, Omid Bakhtar	
EPI_ISL_1185970, EPI_ISL_1185972, EPI_ISL_1185988, EPI_ISL_1186004, EPI_ISL_1186010, EPI_ISL_1186022	San Diego County Public Health Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Tracy Basler, Jovan Shephard, Brett Austin	
EPI_ISL_1191122, EPI_ISL_1191123, EPI_ISL_1191124	UCLA Clinical Micro Lab	Los Angeles County PHL	P. Hemarajata et al.	
EPI_ISL_1191511, EPI_ISL_1191513, EPI_ISL_1191514, EPI_ISL_1191515, EPI_ISL_1191516, EPI_ISL_1191517, EPI_ISL_1191572, EPI_ISL_1191573	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton	
EPI_ISL_1193374, EPI_ISL_1193377, EPI_ISL_1193383, EPI_ISL_1193387, EPI_ISL_1193393, EPI_ISL_1193419, EPI_ISL_1193422, EPI_ISL_1193434, EPI_ISL_1193437, EPI_ISL_1193476, EPI_ISL_1193481, EPI_ISL_1193484, EPI_ISL_1193493, EPI_ISL_1193497, EPI_ISL_1193501, EPI_ISL_1193530, EPI_ISL_1193532, EPI_ISL_1193533, EPI_ISL_1193538, EPI_ISL_1193556, EPI_ISL_1193557, EPI_ISL_1193586, EPI_ISL_1193588, EPI_ISL_1193601, EPI_ISL_1193618, EPI_ISL_1193631, EPI_ISL_1193647, EPI_ISL_1193658, EPI_ISL_1193705, EPI_ISL_1193735, EPI_ISL_1193740, EPI_ISL_1193741, EPI_ISL_1193751, EPI_ISL_1193774, EPI_ISL_1193799, EPI_ISL_1193805, EPI_ISL_1193810, EPI_ISL_1193830, EPI_ISL_1193831, EPI_ISL_1193877, EPI_ISL_1193889, EPI_ISL_1193896, EPI_ISL_1193913, EPI_ISL_1193915, EPI_ISL_1193916, EPI_ISL_1193919, EPI_ISL_1193924, EPI_ISL_1193926, EPI_ISL_1193927, EPI_ISL_1193936, EPI_ISL_1193942, EPI_ISL_1193943, EPI_ISL_1193944, EPI_ISL_1193945, EPI_ISL_1193960, EPI_ISL_1193964, EPI_ISL_1193967, EPI_ISL_1193969, EPI_ISL_1193971, EPI_ISL_1193983, EPI_ISL_1193985, EPI_ISL_1193986, EPI_ISL_1193989, EPI_ISL_1193992, EPI_ISL_1193995, EPI_ISL_1193997, EPI_ISL_1194000, EPI_ISL_1194009, EPI_ISL_1194010, EPI_ISL_1194014, EPI_ISL_1194022, EPI_ISL_1194034, EPI_ISL_1194036, EPI_ISL_1194037, EPI_ISL_1194044, EPI_ISL_1194074, EPI_ISL_1194116, EPI_ISL_1194145, EPI_ISL_1194157, EPI_ISL_1194181, EPI_ISL_1194200, EPI_ISL_1194213, EPI_ISL_1194224, EPI_ISL_1194237, EPI_ISL_1194247, EPI_ISL_1194263, EPI_ISL_1194293, EPI_ISL_1194298, EPI_ISL_1194316, EPI_ISL_1194320, EPI_ISL_1194324, EPI_ISL_1194359	see above	Quest Diagnostics Incorporated	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1195899	NYU Langone Health	Departments of Pathology and Medicine, New York University School of Medicine	Adriana Heguy, Dacia Dimartino, Emily Guzman, Christian Marier, Peter Meyn, Sitharam Ramaswami, Gael Westby, Paul Zappile, Yutong Zhang, Paolo Cotzia, Guiqing Wang	
EPI_ISL_1196068	Maryland Genomics, Institute for Genome Sciences, University of Maryland School of Medicine	Maryland Genomics, Institute for Genome Sciences, University of Maryland School of Medicine	Tallon, Luke J; Sadzewicz, Lisa D; Humphrys, Mike; Ott, Sandra; Roussey, Holly; Mehta, Aditya; Vavikolanu, Kranthi; Fraser, Claire M; Ravel, Jacques	
EPI_ISL_1196201	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang	
EPI_ISL_1196275	Mayo Clinic & Mayo Clinic Laboratories	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang	
EPI_ISL_1196436	HOSPITAL SAN JUAN DE DIOS	Incinsa, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godínez, Melany Calderón & Melissa Carazo-Gutiérrez	
EPI_ISL_1196779, EPI_ISL_1196782	Alameda County Public Health Department	Alameda County Public Health Department	Kristna Hsieh, Maria Elma, Kevin Libuit	
EPI_ISL_1196894	MT Public Health Laboratory	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Brian Lynch, Anna Kelleher, Krista Queen, Anna Uehara, Peter Cook, Han Jia Justin Ng, Clinton R. Paden, Haibin Wang, Suxiang Tong	
EPI_ISL_1197044	USC Clinical Lab	Los Angeles County PHL	P. Hemarajata et al.	
EPI_ISL_1197937, EPI_ISL_1197942, EPI_ISL_1197995	New Mexico Department of Health Scientific Laboratory	Center for Global Health, University of New Mexico Health Sciences Center	Daryl Domman, Kurt Schwalm, Twila Kunde, Joseph Hicks, Anastacia Griego, Michael Edwards, Darrell Dinwiddie	
EPI_ISL_1200876, EPI_ISL_1200946, EPI_ISL_1200978	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano	
EPI_ISL_1201135, EPI_ISL_1201136, EPI_ISL_1201188, EPI_ISL_1201193	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Shah Mohamed Bakhsh, Michelle Lin, Noah Baker, Sean Ellis, Saraswathi Sathees, Meei-Li Huang, Keith R Jerome, Alexander Greninger	
EPI_ISL_1205183, EPI_ISL_1205326	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin L. Young, Kelly F. Oakeson, Tara Gallagher	
EPI_ISL_1205398, EPI_ISL_1205425	Mayo Clinic & Mayo Clinic Laboratories	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang	
EPI_ISL_1205471, EPI_ISL_1205472, EPI_ISL_1205475, EPI_ISL_1205476, EPI_ISL_1205482	Alameda County Public Health Department	Alameda County Public Health Department	Kristna Hsieh, Maria Elma, Kevin Libuit	
EPI_ISL_1209032, EPI_ISL_1209065, EPI_ISL_1209079, EPI_ISL_1209084, EPI_ISL_1209140, EPI_ISL_1209196, EPI_ISL_1209200, EPI_ISL_1209201, EPI_ISL_1209204, EPI_ISL_1209210, EPI_ISL_1209222	see above	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Shah Mohamed Bakhsh, Michelle Lin, Noah Baker, Sean Ellis, Saraswathi Sathees, Meei-Li Huang, Keith R Jerome, Alexander Greninger	
EPI_ISL_1209409, EPI_ISL_1209411,	Division of Emerging Infectious Diseases, Bureau of Infectious	Division of Emerging Infectious Diseases, Bureau of Infectious	Ae Kyung Park, Il-Hwan Kim, Heui Man Kim, Jeong-Min Kim, Chae Young Lee, Jin Sun No, Namjoo Lee, Sang Hee Woo, Eun-Jin Kim	

EPI_ISL_1209412, EPI_ISL_1209416, EPI_ISL_1209423, EPI_ISL_1209437, EPI_ISL_1209438, EPI_ISL_1209439, EPI_ISL_1209441, EPI_ISL_1209442	Diseases Diagnosis Control, Korea Disease Control and Prevention Agency	Diseases Diagnosis Control, Korea Disease Control and Prevention Agency	
EPI_ISL_1218657, EPI_ISL_1218690, EPI_ISL_1218771, EPI_ISL_1218793, EPI_ISL_1218795, EPI_ISL_1218796, EPI_ISL_1218801, EPI_ISL_1218811, EPI_ISL_1218832, EPI_ISL_1218835, EPI_ISL_1218840, EPI_ISL_1218858, EPI_ISL_1218860, EPI_ISL_1218895, EPI_ISL_1218904, EPI_ISL_1218905, EPI_ISL_1218924, EPI_ISL_1218927, EPI_ISL_1218929, EPI_ISL_1218954, EPI_ISL_1218966, EPI_ISL_1218987, EPI_ISL_1218993			
see above	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton
EPI_ISL_1219807, EPI_ISL_1219808, EPI_ISL_1219824, EPI_ISL_1219826, EPI_ISL_1219833, EPI_ISL_1219837, EPI_ISL_1219906, EPI_ISL_1219907, EPI_ISL_1219910	Nevada State Public Health Laboratory	Nevada State Public Health Laboratory	Andrew Gorzalski, Mark Pandori
EPI_ISL_1220055	LABORATORIO BIOLOGIA MOLECULAR IMAT SAS	Instituto Nacional de Salud- Dirección de Investigación en Salud Pública	Katherine Laiton-Donato, Carlos Franco-Muñoz, Diego A. Álvarez-Díaz, Hector Alejandro Ruiz-Moreno, Jhonnatan Reales-González, Diego Andrés Prada, Sheryll Corchuelo, Maria T. Herrera-Sepúlveda, Julian Naizaque, Gerardo Santamaría, Magdalena Wiesner, Martha Lucia Ospina Martínez, Marcela Mercado-Reyes.
EPI_ISL_1220365, EPI_ISL_1220396, EPI_ISL_1220411, EPI_ISL_1220413, EPI_ISL_1220439, EPI_ISL_1220530, EPI_ISL_1220547, EPI_ISL_1220570, EPI_ISL_1220573, EPI_ISL_1220585, EPI_ISL_1220590, EPI_ISL_1220620, EPI_ISL_1220662, EPI_ISL_1220670, EPI_ISL_1220685, EPI_ISL_1220691, EPI_ISL_1220695, EPI_ISL_1220697, EPI_ISL_1220701, EPI_ISL_1220720, EPI_ISL_1220737, EPI_ISL_1220749, EPI_ISL_1220754, EPI_ISL_1220761, EPI_ISL_1220762, EPI_ISL_1220776, EPI_ISL_1220792, EPI_ISL_1220794, EPI_ISL_1220798, EPI_ISL_1220811, EPI_ISL_1220832, EPI_ISL_1220838, EPI_ISL_1220839, EPI_ISL_1220845, EPI_ISL_1220861			
see above	Quest Diagnostics Incorporated	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacabawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1220864	Nevada State Public Health Laboratory	Nevada State Public Health Laboratory	Andrew Gorzalski, Mark Pandori
EPI_ISL_1220960, EPI_ISL_1220961, EPI_ISL_1220983, EPI_ISL_1220989, EPI_ISL_1220999, EPI_ISL_1221000, EPI_ISL_1221001, EPI_ISL_1221035, EPI_ISL_1221037, EPI_ISL_1221050, EPI_ISL_1221055, EPI_ISL_1221056, EPI_ISL_1221057, EPI_ISL_1221068, EPI_ISL_1221076, EPI_ISL_1221126, EPI_ISL_1221129, EPI_ISL_1221163, EPI_ISL_1221164, EPI_ISL_1221186, EPI_ISL_1221204, EPI_ISL_1221240, EPI_ISL_1221322, EPI_ISL_1221351, EPI_ISL_1221356, EPI_ISL_1221388, EPI_ISL_1221392, EPI_ISL_1221420, EPI_ISL_1221462, EPI_ISL_1221480, EPI_ISL_1221530, EPI_ISL_1221531, EPI_ISL_1221570, EPI_ISL_1221571, EPI_ISL_1221575, EPI_ISL_1221594, EPI_ISL_1221624, EPI_ISL_1221638, EPI_ISL_1221660, EPI_ISL_1221691, EPI_ISL_1221700, EPI_ISL_1221702, EPI_ISL_1221708, EPI_ISL_1221721, EPI_ISL_1221737, EPI_ISL_1221740, EPI_ISL_1221787, EPI_ISL_1221798, EPI_ISL_1221811, EPI_ISL_1221819, EPI_ISL_1221844, EPI_ISL_1221845, EPI_ISL_1221855, EPI_ISL_1221940, EPI_ISL_1221946, EPI_ISL_1221955, EPI_ISL_1221963, EPI_ISL_1221968, EPI_ISL_1222012, EPI_ISL_1222015, EPI_ISL_1222018, EPI_ISL_1222041, EPI_ISL_1222047, EPI_ISL_1222051, EPI_ISL_1222062, EPI_ISL_1222070, EPI_ISL_1222073, EPI_ISL_1222124, EPI_ISL_1222146, EPI_ISL_1222147, EPI_ISL_1222168, EPI_ISL_1222184, EPI_ISL_1222192, EPI_ISL_1222194, EPI_ISL_1222267, EPI_ISL_1222274, EPI_ISL_1222285, EPI_ISL_1222286, EPI_ISL_1222324, EPI_ISL_1222337, EPI_ISL_1222340, EPI_ISL_1222353, EPI_ISL_1222384, EPI_ISL_1222404, EPI_ISL_1222420			
see above	Laboratory Corporation of America	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, Minoo Agarwal, Eyad Almasri, Debbie Boles, Ayla Burns, Nuthawin Charoensri, Oren Cohen, Susan Countryman, Mary Ann Cristobal, Bobbi Croy, Suzanne Dale, Hrushikesh Deshmukh, Amanda Douglas, Vincent Drouillon, Marcia Eisenberg, Howard Engler, Rama Ghatti, Prashant Gupta, Susan Hicks, Jake Humphrey, Lax Iyer, Manoj Jain, Mohan Kolli, Brian Krueger, Tim Kuphal, Stanley Letovsky, Michael Levandoski, Craig Lukasik, Jonathan Meltzer, Brian Norvell, Mindy Nye, Scott Parker, Christos Petropoulos, John Pruitt, Steven Ragan, Scott Ryan, Mike Sapeta, Jana Schroth, Suresh Babu Selvaraju, Goran Stevovic, Amanda Suchanek, Andrea Throop, Lyndon Tilson, Thomas Urban, Joe Voshell, Kimberly Wagner, Jonathan Williams, Mary Williamson, Qian Zeng, Tricia Zwiefelhofer, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1222620, EPI_ISL_1222623, EPI_ISL_1222625, EPI_ISL_1222632, EPI_ISL_1222636, EPI_ISL_1222641	Altius Institute	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Erica Ryke, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Ryan Alexander, Daniel Bates, Rebecca Bruders, Stephanie DeBaun, Clem Green, Muhammad Halimun, Jessica Halow, Kneshay Harper, Matt Hartman, Andrew Meuser, Alex Nguyen, Truong Nguyen, Sofia Olsson, Sadie Patraw, Hannah Petersen, Tobias Ragoczy, Joshua Richards, Jacob Rodriguez, John Stamatoyannopoulos, Julia Wald, Olivia Waltner, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Helen Y. Chu, Jay Shendure, Trevor Bedford
EPI_ISL_1222698, EPI_ISL_1222699	Northwest Laboratories	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Erica Ryke, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Romesh Gautom, Geoff Melly, Brian Hiatt, Philip Dykema, Scott Lindquist, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Helen Y. Chu, Jay Shendure, Trevor Bedford
EPI_ISL_1224770	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1224827	Vault Health	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1224871	Mayo Clinic & Mayo Clinic Laboratories	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1224913	Houston Health Dept.	Houston Health Dept.	Ryker Penn, Pamela Brown, Adolpho Lara
EPI_ISL_1224992	Texas Department of State Health Services	Texas Department of State Health Services	Rashmi Tuladhar, Bonnie Oh, Jenny Zhang, Maliha Rahman, Mayela Pedrueza, Anita Pokharel, Myong Koag, Chun Wang, Rachel Lee, Grace Kubin
EPI_ISL_1225219, EPI_ISL_1225239	Mayo Clinic & Mayo Clinic Laboratories	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1225585	Yale Clinical Virology Lab	Grubaugh Lab - Yale School of Public Health	Joseph Fauver, Mallery Breban, Isabell Ott, Tara Alpert, Mary Petrone, Anderson Brito, Chantal Vogels, Annie Watkins, Chaney Kalinich, Marie L. Landry, Nathan Grubaugh
EPI_ISL_1225949, EPI_ISL_1225950, EPI_ISL_1225951, EPI_ISL_1225952, EPI_ISL_1225953	CA-Los Angeles County Public Health Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhwani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1225960, EPI_ISL_1225961, EPI_ISL_1225963, EPI_ISL_1225965, EPI_ISL_1225967	"CDPH, Viral and Rickettsial Disease Laboratory"	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhwani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226107, EPI_ISL_1226123	VA-Division of Consolidated Laboratory Services	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhwani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226129	MD DOH Laboratories Administration	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhwani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226174	CA-Los Angeles County Public Health Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhwani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226192, EPI_ISL_1226202	"CO Dept. of Public Health and Environment, Lab Services Division"	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhwani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226220	WI State Laboratory of Hygiene	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhwani Batra, Suxiang Tong, Justin Lee

EPI_ISL_1226229, EPI_ISL_1226230	NJ Public Health and Environmental Laboratories	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Scherer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226241, EPI_ISL_1226242, EPI_ISL_1226243, EPI_ISL_1226244, EPI_ISL_1226251, EPI_ISL_1226252, EPI_ISL_1226256, EPI_ISL_1226260, EPI_ISL_1226263, EPI_ISL_1226267	"CDPH, Viral and Rickettsial Disease Laboratory"	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Scherer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226293	MT Public Health Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Scherer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226324	UT-Unified State Labs: Public Health Utah DOH	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Scherer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226386, EPI_ISL_1226389, EPI_ISL_1226398	WA State Department of Health	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Scherer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226406	NJ Public Health and Environmental Laboratories	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Scherer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226505	URMC LABS	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1227383	MONTEFIORE MEDICAL CENTER LABORATORIES	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1227435	Columbia University Irving Medical Center	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1227502	WESTCHESTER MEDICAL CENTER	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1227568	Wadsworth Center, New York State Department of Health	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1227617, EPI_ISL_1227623, EPI_ISL_1227626, EPI_ISL_1227629, EPI_ISL_1227631, EPI_ISL_1227636	THE MARY IMOGENE BASSETT HOSPITAL	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1227677	NORTHWELL HEALTH LABORATORIES	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1227838	MEMORIAL SLOAN KETTERING CANCER CENTER	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1227980	Masonic Care Community of NY	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1228006	SUNY UPSTATE MEDICAL UNIVERSITY	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1228195, EPI_ISL_1228212, EPI_ISL_1228575	NYC Pandemic Response Lab	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1231445, EPI_ISL_1231447, EPI_ISL_1231449, EPI_ISL_1231454, EPI_ISL_1231457, EPI_ISL_1231459, EPI_ISL_1231463, EPI_ISL_1231465, EPI_ISL_1231469, EPI_ISL_1231475, EPI_ISL_1231478, EPI_ISL_1231481, EPI_ISL_1231483, EPI_ISL_1231490, EPI_ISL_1231491, EPI_ISL_1231501, EPI_ISL_1231504, EPI_ISL_1231505, EPI_ISL_1231513, EPI_ISL_1231528, EPI_ISL_1231529, EPI_ISL_1231545, EPI_ISL_1231585, EPI_ISL_1231610, EPI_ISL_1231618, EPI_ISL_1231702, EPI_ISL_1231706, EPI_ISL_1231793, EPI_ISL_1231798, EPI_ISL_1231811, EPI_ISL_1231812, EPI_ISL_1231813, EPI_ISL_1231814, EPI_ISL_1231815, EPI_ISL_1231817, EPI_ISL_1231818, EPI_ISL_1231819, EPI_ISL_1231836, EPI_ISL_1231837, EPI_ISL_1231838, EPI_ISL_1231839, EPI_ISL_1231840, EPI_ISL_1231841, EPI_ISL_1231842, EPI_ISL_1231845, EPI_ISL_1231848, EPI_ISL_1231879, EPI_ISL_1231892, EPI_ISL_1231894, EPI_ISL_1231897, EPI_ISL_1231908, EPI_ISL_1232035, EPI_ISL_1232036, EPI_ISL_1232045, EPI_ISL_1232046, EPI_ISL_1232047, EPI_ISL_1232048, EPI_ISL_1232099, EPI_ISL_1232100, EPI_ISL_1232115, EPI_ISL_1232116, EPI_ISL_1232117, EPI_ISL_1232118, EPI_ISL_1232135, EPI_ISL_1232136, EPI_ISL_1232141, EPI_ISL_1232142, EPI_ISL_1232157, EPI_ISL_1232158, EPI_ISL_1232159, EPI_ISL_1232160, EPI_ISL_1232181, EPI_ISL_1232182, EPI_ISL_1232185, EPI_ISL_1232186			
see above	Fulgent Genetics	Fulgent Genetics	Harry Gao, Mickey Li, John Gao, Joseph Fierro, Benafsh Sapra, Becky Tsai, Yan Meng, Doreen Ng, James Xie
EPI_ISL_1232536, EPI_ISL_1232549, EPI_ISL_1232559, EPI_ISL_1232571, EPI_ISL_1232583	Dutch COVID-19 response team	National Institute for Public Health and the Environment (RIVM)	Adam Meijer, Harry Vennema, Dirk Eggink, Jeroen Cremer, Sharon van den Brink, Bas van der Veer, AnneMarie van den Brandt, Florian Zwagemaker, Dennis Schmitz, Chantal Reusken, on behalf of the national COVID-19 response team
EPI_ISL_1233424, EPI_ISL_1233483	Kashi Clinical Laboratory	Kashi Clinical Laboratory	Zahra Kashi, Jenefer DeKoning
EPI_ISL_1233764, EPI_ISL_1233811	Michigan Department of Health and Human Services, Bureau of Laboratories	Michigan Department of Health and Human Services, Bureau of Laboratories	Blankenship HM, Riner D, Soehnlen MK
EPI_ISL_1233869	Kashi Clinical Laboratory	Kashi Clinical Laboratory	Zahra Kashi, Jenefer DeKoning
EPI_ISL_1234015, EPI_ISL_1234016, EPI_ISL_1234043, EPI_ISL_1234044, EPI_ISL_1234046, EPI_ISL_1234068, EPI_ISL_1234070, EPI_ISL_1234073, EPI_ISL_1234074, EPI_ISL_1234080, EPI_ISL_1234089, EPI_ISL_1234115, EPI_ISL_1234138, EPI_ISL_1234146, EPI_ISL_1234155, EPI_ISL_1234168, EPI_ISL_1234187, EPI_ISL_1234201, EPI_ISL_1234241, EPI_ISL_1234242, EPI_ISL_1234256, EPI_ISL_1234271, EPI_ISL_1234317, EPI_ISL_1234338, EPI_ISL_1234339, EPI_ISL_1234341, EPI_ISL_1234342, EPI_ISL_1234365, EPI_ISL_1234376			
see above	Colorado Department of Public Health and Environment	Colorado Department of Public Health and Environment	Laura Bankers, Molly C. Hetherington-Rauth, Diana Ir, Shannon Ely, Shannon R. Matzinger, Sarah Elizabeth Totten, Emily A. Travanty
EPI_ISL_1234382	Northwest Laboratories	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazer, Jover Lee, Benjamin Pelle, Erica Ryke, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Romesh Gautom, Geoff Melly, Brian Hiatt, Philip Dykema, Scott Lindquist, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Helen Y. Chu, Jay Shendure, Trevor Bedford
EPI_ISL_1234513	Hospital Universitari Vall d'Hebron - Vall d'Hebron Institut de Recerca	Hospital Universitari Vall d'Hebron	Cristina Andrés, Maria Piñana, Josep F Abril, Damir Garcia-Cehic, Ariadna Rando, Juliana Esperalba, Maria Gema Codina, Carla Castillo, Maria Carmen Martin, Tomás Pumarola, Josep Quer, Andrés Antón
EPI_ISL_1234537, EPI_ISL_1234539	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1234544	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1234547, EPI_ISL_1234548	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1234550	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1234553	Contra Costa County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1234554, EPI_ISL_1234557	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium

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EPI_ISL_1235475, EPI_ISL_1235476, EPI_ISL_1235489, EPI_ISL_1235493, EPI_ISL_1235494, EPI_ISL_1235500	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1235502	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1235510	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1235521, EPI_ISL_1235528	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1235531, EPI_ISL_1235533, EPI_ISL_1235535	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1235540, EPI_ISL_1235544	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1235548, EPI_ISL_1235553, EPI_ISL_1235555	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1235556	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1235558	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1235561, EPI_ISL_1235565, EPI_ISL_1235569, EPI_ISL_1235575	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1235581	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1235582	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1235584, EPI_ISL_1235585	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1235593	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1235594	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1235601	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1235603, EPI_ISL_1235609, EPI_ISL_1235611	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1235612	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_1235633, EPI_ISL_1235634, EPI_ISL_1235635, EPI_ISL_1235636, EPI_ISL_1235637	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Department
EPI_ISL_1235684	Baylor Scott & White-Temple	Baylor Scott & White-Temple	Ari Rao, Linden Morales, Kimberly Walker, Marcus Volz, Shelby Hendrickson, Caitlin Maloney
EPI_ISL_1235812, EPI_ISL_1236094, EPI_ISL_1236115, EPI_ISL_1236195, EPI_ISL_1236197, EPI_ISL_1236204, EPI_ISL_1237308, EPI_ISL_1237346, EPI_ISL_1237692, EPI_ISL_1237874, EPI_ISL_1237917, EPI_ISL_1237919, EPI_ISL_1237942, EPI_ISL_1237966, EPI_ISL_1238268, EPI_ISL_1238426			
see above	Houston Methodist Hospital	Houston Methodist Hospital	S. Wesley Long, Randall J. Olsen, Paul A. Christensen, Sishir Subedi, Robert Olson, James J. Davis, Matthew Ojeda Saavedra, Prasanti Yerramilli, Layne Pruitt, Kristina Reppond, Madison N. Shyer, Jessica Cambric, Ilya J. Finkelstein, Jimmy Gollihar, and James M. Musser
EPI_ISL_1238859	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin L. Young, Kelly F. Oakeson, Tara Gallagher
EPI_ISL_1239772, EPI_ISL_1239782	TriCore Reference Laboratories	Center for Global Health, University of New Mexico Health Sciences Center	Daryl Domman, Kurt Schwalm, Cecilia Thompson, Kendra Pesko, Karissa Culbreath, Darrell Dinwiddie
EPI_ISL_1239889, EPI_ISL_1239896, EPI_ISL_1239903, EPI_ISL_1239905, EPI_ISL_1239907, EPI_ISL_1239915, EPI_ISL_1239949, EPI_ISL_1239961, EPI_ISL_1239963, EPI_ISL_1240009, EPI_ISL_1240063, EPI_ISL_1240065			
see above	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton
EPI_ISL_1240880, EPI_ISL_1240903, EPI_ISL_1240930	Clinical Molecular Microbiology Laboratory, UNC Hospitals	Jeremy Wang	Jeremy Wang, Alexander Rubinsteyn, Colleen Rice, Jason Smedberg, Shawn Hawken, Melissa Miller, Corbin Jones, Robert Hagan
EPI_ISL_1242061	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Rob Howes, The Lighthouse Lab in Cambridge and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1250334, EPI_ISL_1250335, EPI_ISL_1250473, EPI_ISL_1250530	Michigan Department of Health and Human Services, Bureau of Laboratories	Michigan Department of Health and Human Services, Bureau of Laboratories	Blankenship HM, Riner D, Soehnlén MK
EPI_ISL_1252346, EPI_ISL_1252456, EPI_ISL_1252461, EPI_ISL_1252466, EPI_ISL_1252568	University of Wisconsin-Madison AIDS Vaccine Research Laboratories	University of Wisconsin-Madison AIDS Vaccine Research Laboratories	Gage Moreno, Katarina Braun, et al. AIDS Vaccine Research Laboratories
EPI_ISL_1252930, EPI_ISL_1252936, EPI_ISL_1252938, EPI_ISL_1252957, EPI_ISL_1252958, EPI_ISL_1252974, EPI_ISL_1252978, EPI_ISL_1252980, EPI_ISL_1253000, EPI_ISL_1253008, EPI_ISL_1253021, EPI_ISL_1253025, EPI_ISL_1253030, EPI_ISL_1253034, EPI_ISL_1253035, EPI_ISL_1253052, EPI_ISL_1253068, EPI_ISL_1253082, EPI_ISL_1253119, EPI_ISL_1253130, EPI_ISL_1253142, EPI_ISL_1253143, EPI_ISL_1253156, EPI_ISL_1253158, EPI_ISL_1253161, EPI_ISL_1253167, EPI_ISL_1253188, EPI_ISL_1253191, EPI_ISL_1253192, EPI_ISL_1253193, EPI_ISL_1253194, EPI_ISL_1253197, EPI_ISL_1253200, EPI_ISL_1253219, EPI_ISL_1253221, EPI_ISL_1253253, EPI_ISL_1253259, EPI_ISL_1253332, EPI_ISL_1253368, EPI_ISL_1253380, EPI_ISL_1253393, EPI_ISL_1253397, EPI_ISL_1253402, EPI_ISL_1253405, EPI_ISL_1253407, EPI_ISL_1253433, EPI_ISL_1253436, EPI_ISL_1253440, EPI_ISL_1253441, EPI_ISL_1253448, EPI_ISL_1253452, EPI_ISL_1253453, EPI_ISL_1253455, EPI_ISL_1253478, EPI_ISL_1253506, EPI_ISL_1253522, EPI_ISL_1253527			
see above	Quest Diagnostics Incorporated	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1253710	Flow Health	Infectious Disease Program, Broad Institute of Harvard and MIT	Lemieux,J.E., Siddle,K.J., Adams,G., Gladden-Young,A., Lagerborg,K., Rudy,M., DeRuff,K., Carter,A., Normandin,E., Bauer,M., Reilly,S., Tomkins-Tinch,C., Loreth,C., Chaluvadi,S., Birren,B.W., Gallagher,G., Smole,S., Park,D.J., MacInnis,B.L., and Sabeti,P.C.
EPI_ISL_1253763	Broad Institute Clinical Research Sequencing Platform	Infectious Disease Program, Broad Institute of Harvard and MIT	Lemieux,J.E., Siddle,K.J., Adams,G., Gladden-Young,A., Lagerborg,K., Rudy,M., DeRuff,K., Carter,A., Normandin,E., Bauer,M., Reilly,S., Tomkins-Tinch,C., Loreth,C., Chaluvadi,S., Birren,B.W., Gallagher,G., Smole,S., Park,D.J., MacInnis,B.L., and Sabeti,P.C.
EPI_ISL_1253937	Warrior Diagnostics Laboratory	Infectious Disease Program, Broad Institute of Harvard and MIT	Lemieux,J.E., Siddle,K.J., Marshall,J., O'Neill,M., Bronson,A., Adams,G., Gladden-Young,A., Lagerborg,K., Rudy,M., DeRuff,K., Carter,A., Normandin,E., Bauer,M., Reilly,S., Tomkins-Tinch,C., Loreth,C., Chaluvadi,S., Birren,B.W., Gallagher,G., Smole,S., Park,D.J., MacInnis,B.L., and Sabeti,P.C.
EPI_ISL_1253944, EPI_ISL_1253945	Rhode Island Department of Health	Infectious Disease Program, Broad Institute of Harvard and MIT	Lemieux,J.E., Siddle,K.J., Huard,R., King,E., Azevedo,K., Miller,A., Adams,G., Gladden-Young,A., Lagerborg,K., Rudy,M., DeRuff,K., Carter,A., Normandin,E., Bauer,M., Reilly,S., Tomkins-Tinch,C., Loreth,C., Chaluvadi,S., Birren,B.W., Gallagher,G., Smole,S., Park,D.J., MacInnis,B.L., and Sabeti,P.C.
EPI_ISL_1254015, EPI_ISL_1254023, EPI_ISL_1254029, EPI_ISL_1254055, EPI_ISL_1254059, EPI_ISL_1254062, EPI_ISL_1254073, EPI_ISL_1254092, EPI_ISL_1254104, EPI_ISL_1254105, EPI_ISL_1254109, EPI_ISL_1254128, EPI_ISL_1254133, EPI_ISL_1254184, EPI_ISL_1254186, EPI_ISL_1254190, EPI_ISL_1254200, EPI_ISL_1254224, EPI_ISL_1254229			
see above	Quest Diagnostics Incorporated	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1254247, EPI_ISL_1254252	NJDOH, Public Health and Environmental Laboratories	NJ_PHEL	Lindsey Bodnar, Shiv K. Verma, Dana Woell, Byeong Jeong
EPI_ISL_1254275, EPI_ISL_1254281, EPI_ISL_1254292, EPI_ISL_1254294, EPI_ISL_1254300, EPI_ISL_1254308, EPI_ISL_1254313, EPI_ISL_1254344, EPI_ISL_1254358, EPI_ISL_1254396, EPI_ISL_1254415, EPI_ISL_1254418, EPI_ISL_1254434, EPI_ISL_1254447, EPI_ISL_1254463			

see above	Quest Diagnostics Incorporated	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell	
EPI_ISL_1255053, EPI_ISL_1255059	Oregon State Public Health Laboratory	Oregon State Public Health Laboratory	LaDonna Grenz, Karim Morey, John Fontana, Shane Sevey	
EPI_ISL_1256011, EPI_ISL_1256014, EPI_ISL_1256016	New Mexico Department of Health Scientific Laboratory	New Mexico Department of Health Scientific Laboratory	Ellie Johnson, Anastacia Griego-Fisher, D'eldra Malone, Jennifer Benoit	
EPI_ISL_1258934, EPI_ISL_1258943, EPI_ISL_1258954, EPI_ISL_1258985	Pandemic Response Lab - NYC	Pandemic Response Lab, R&D	Henry Lee, Michael Hammerling, Melissa Hopkins, Cybill del Castillo, Shinyoung Clair Kang, William Ward, Pradeep Bugga, Haiping Hao, Jon Laurent	
EPI_ISL_1260626	Houston Health Dept.	Houston Health Dept.	Ryker Penn, Pamela Brown, Adolpho Lara	
EPI_ISL_1260971, EPI_ISL_1261048	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano	
EPI_ISL_1261795, EPI_ISL_1261799	DOHMH Riverside	New York City Public Health Laboratory	Jade Wang, et al.	
EPI_ISL_1261903, EPI_ISL_1261968, EPI_ISL_1261995, EPI_ISL_1261997, EPI_ISL_1262005, EPI_ISL_1262018, EPI_ISL_1262027, EPI_ISL_1262057, EPI_ISL_1262219, EPI_ISL_1262222, EPI_ISL_1262235, EPI_ISL_1262248, EPI_ISL_1262263, EPI_ISL_1262280, EPI_ISL_1262291, EPI_ISL_1262361, EPI_ISL_1262414, EPI_ISL_1262428				
see above	Helix/Illumina	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, Eileen de Feo, Jan Antico, Christine Tran, Matthew Tolentino, Shannon Wickline, Kim Gietzen, Brad Sickler, Jingtao Liu, Eric Allen, Phil Febbo, Summer Galloway, Nicole L. Washington, Simon White, Geraint Levan, Kelly Schiabor Barrett, Elizabeth Cirulli, Alexandre Bolze, Ary Ascencio, Charlotte Rivera-Garcia, Ryan Cho, Jason Nguyen, Sherry Wang, Jimmy Ramirez, Tyler Cassens, Efrén Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suxiang Tong, Duncan MacCannell	
EPI_ISL_1262492	GA Department of Public Health	GA Department of Public Health	Stacy Reeves, Jonathan Edwards, Cynthia Dixey, Tonia Parrott, Aliyah Fields, Taylor Smith	
EPI_ISL_1262501, EPI_ISL_1262513, EPI_ISL_1262576, EPI_ISL_1262578	NYU Langone Health	Departments of Pathology and Medicine, New York University School of Medicine	Adriana Heguy, Dacia Dimartino, Emily Guzman, Christian Marier, Peter Meyn, Sitharam Ramaswami, Gael Westby, Paul Zappile, Yutong Zhang, Paolo Cotzia, Guiqing Wang	
EPI_ISL_1262630	Instituto Nacional de Medicina Genomica	Instituto Nacional de Medicina Genomica	Hidalgo-Miranda A, Mendoza-Vargas A, Reyes-Grajeda JP, Cedro-Tanda A, Alcaraz N, Gonzalez-Barrera D, Rangel-DeLeon D, Ramirez-Vega O, Herrera-Montalvo LA	
EPI_ISL_1263105, EPI_ISL_1263108, EPI_ISL_1263151, EPI_ISL_1263152, EPI_ISL_1263153, EPI_ISL_1263154, EPI_ISL_1263155, EPI_ISL_1263163, EPI_ISL_1263182, EPI_ISL_1263189	Nevada State Public Health Laboratory	Nevada State Public Health Laboratory	Andrew Gorzalski, Mark Pandori	
EPI_ISL_1263213, EPI_ISL_1263224, EPI_ISL_1263225, EPI_ISL_1263232, EPI_ISL_1263233, EPI_ISL_1263234	Monterey County Public Health Laboratory	Monterey County Public Health Laboratory	Monterey County Public Health Laboratory	
EPI_ISL_1263347	Washington State Department of Health Public Health Laboratories	Washington State Department of Health Public Health Laboratories	Drew MacKellar, Philip Dykema, Denny Russell, Joenice Gonzalez, Geoff Melly, Vanessa De Los Santos, Darren Lucas, JohnAric Peterson, Avi Singh, Rebecca Cao	
EPI_ISL_1263498	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Shah Mohamed Bakhsh, Michelle Lin, Noah Baker, Sean Ellis, Saraswathi Sathees, Meei-Li Huang, Keith R Jerome, Alexander Greninger	
EPI_ISL_1265967, EPI_ISL_1265979, EPI_ISL_1265983, EPI_ISL_1265999, EPI_ISL_1266098	Quest Diagnostics Incorporated	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell	
EPI_ISL_1266128	Nebraska Public Health Laboratory	NPHL COVID-19 Response Team	NPHL COVID-19 Response Team	
EPI_ISL_1266153, EPI_ISL_1266189, EPI_ISL_1266193, EPI_ISL_1266195, EPI_ISL_1266216, EPI_ISL_1266622, EPI_ISL_1266646, EPI_ISL_1266697, EPI_ISL_1266766, EPI_ISL_1266896, EPI_ISL_1267153, EPI_ISL_1267173, EPI_ISL_1267199, EPI_ISL_1267209, EPI_ISL_1267210, EPI_ISL_1267268, EPI_ISL_1267283, EPI_ISL_1267359, EPI_ISL_1267422, EPI_ISL_1267456, EPI_ISL_1267479				
see above	Quest Diagnostics Incorporated	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell	
EPI_ISL_1267510, EPI_ISL_1267529, EPI_ISL_1267556, EPI_ISL_1267559, EPI_ISL_1267589, EPI_ISL_1267609, EPI_ISL_1267628, EPI_ISL_1267631, EPI_ISL_1267657, EPI_ISL_1267661, EPI_ISL_1267662, EPI_ISL_1267667, EPI_ISL_1267735, EPI_ISL_1267746, EPI_ISL_1267756, EPI_ISL_1267778, EPI_ISL_1267798, EPI_ISL_1267809, EPI_ISL_1267821, EPI_ISL_1267837, EPI_ISL_1267844, EPI_ISL_1267847, EPI_ISL_1267859, EPI_ISL_1267898, EPI_ISL_1267901, EPI_ISL_1267916, EPI_ISL_1267953, EPI_ISL_1267959, EPI_ISL_1268038, EPI_ISL_1268049, EPI_ISL_1268138, EPI_ISL_1268141, EPI_ISL_1268150, EPI_ISL_1268171, EPI_ISL_1268174, EPI_ISL_1268175, EPI_ISL_1268180, EPI_ISL_1268181, EPI_ISL_1268193, EPI_ISL_1268201, EPI_ISL_1268260, EPI_ISL_1268339, EPI_ISL_1268417, EPI_ISL_1268435, EPI_ISL_1268443, EPI_ISL_1268534, EPI_ISL_1268586, EPI_ISL_1268599, EPI_ISL_1268609, EPI_ISL_1268634, EPI_ISL_1268758, EPI_ISL_1268897, EPI_ISL_1268901, EPI_ISL_1268915, EPI_ISL_1268917, EPI_ISL_1268935, EPI_ISL_1268947, EPI_ISL_1268954, EPI_ISL_1269023, EPI_ISL_1269032, EPI_ISL_1269036, EPI_ISL_1269038, EPI_ISL_1269045, EPI_ISL_1269094, EPI_ISL_1269130, EPI_ISL_1269173, EPI_ISL_1269232, EPI_ISL_1269292, EPI_ISL_1269313, EPI_ISL_1269332, EPI_ISL_1269392, EPI_ISL_1269450, EPI_ISL_1269503, EPI_ISL_1269532, EPI_ISL_1269538, EPI_ISL_1269557, EPI_ISL_1269609, EPI_ISL_1269733, EPI_ISL_1269801, EPI_ISL_1269826, EPI_ISL_1269836, EPI_ISL_1269858, EPI_ISL_1269882, EPI_ISL_1269931, EPI_ISL_1269954, EPI_ISL_1269958, EPI_ISL_1270126, EPI_ISL_1270145, EPI_ISL_1270147, EPI_ISL_1270161, EPI_ISL_1270169, EPI_ISL_1270207, EPI_ISL_1270255, EPI_ISL_1270262, EPI_ISL_1270309, EPI_ISL_1270313, EPI_ISL_1270317, EPI_ISL_1270356, EPI_ISL_1270380, EPI_ISL_1270408, EPI_ISL_1270425, EPI_ISL_1270445, EPI_ISL_1270449, EPI_ISL_1270465, EPI_ISL_1270496, EPI_ISL_1270519, EPI_ISL_1270553, EPI_ISL_1270567, EPI_ISL_1270641, EPI_ISL_1270660, EPI_ISL_1270724, EPI_ISL_1270738, EPI_ISL_1270740	see above	Helix/Illumina	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, Eileen de Feo, Jan Antico, Christine Tran, Matthew Tolentino, Shannon Wickline, Kim Gietzen, Brad Sickler, Jingtao Liu, Eric Allen, Phil Febbo, Summer Galloway, Nicole L. Washington, Simon White, Geraint Levan, Kelly Schiabor Barrett, Elizabeth Cirulli, Alexandre Bolze, Ary Ascencio, Charlotte Rivera-Garcia, Ryan Cho, Jason Nguyen, Sherry Wang, Jimmy Ramirez, Tyler Cassens, Efrén Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1272603	NM Dept. Health, Scientific Laboratory Division	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Dhwani Batra, Suxiang Tong, Justin Lee	
EPI_ISL_1272615	MS Public Health Laboratory	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Dhwani Batra, Suxiang Tong, Justin Lee	
EPI_ISL_1272667	OR State PHL-Virology/Immunology Section	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Dhwani Batra, Suxiang Tong, Justin Lee	
EPI_ISL_1272735, EPI_ISL_1272739, EPI_ISL_1272740, EPI_ISL_1272741, EPI_ISL_1272742, EPI_ISL_1272743, EPI_ISL_1272751	WA State Department of Health	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Dhwani Batra, Suxiang Tong, Justin Lee	
EPI_ISL_1272771	SC Dept of Health and Env. Control-Bureau of Laboratories	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Dhwani Batra, Suxiang Tong, Justin Lee	
EPI_ISL_1272817	FL Bur. of Public Health Laboratories-Jacksonville	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Dhwani Batra, Suxiang Tong, Justin Lee	



EPI_ISL_1272839	UT-Unified State Labs: Public Health Utah DOH	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Scherer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Dhwan Batra, Suxiang Tong, Justin Lee
EPI_ISL_1272886, EPI_ISL_1272890	CA-Los Angeles County Public Health Laboratory	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Scherer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Dhwan Batra, Suxiang Tong, Justin Lee
EPI_ISL_1272951, EPI_ISL_1272954, EPI_ISL_1272955, EPI_ISL_1272956, EPI_ISL_1272958, EPI_ISL_1272968	WY Public Health Laboratory	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Scherer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Dhwan Batra, Suxiang Tong, Justin Lee
EPI_ISL_1272974, EPI_ISL_1272978, EPI_ISL_1272982	NV-Southern Nevada Public Health Laboratory	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Scherer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Dhwan Batra, Suxiang Tong, Justin Lee
EPI_ISL_1272989	MT Public Health Laboratory	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Scherer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Dhwan Batra, Suxiang Tong, Justin Lee
EPI_ISL_1273021	GA Department of Public Health Laboratory	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Scherer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Dhwan Batra, Suxiang Tong, Justin Lee
EPI_ISL_1273318, EPI_ISL_1273371	The Jackson Laboratory	The Jackson Laboratory	Bergeron D, Renzette N, Adams M, Omerza G, Kelly K, Li L
EPI_ISL_1275807	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Rob Howes, The Lighthouse Lab in Cambridge and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1278069	Emory Molecular Diagnostics Laboratory, Emory Healthcare	Piantadosi Lab, Emory Department of Pathology	Ahmed Babiker, Anne Piantadosi
EPI_ISL_1279315, EPI_ISL_1279348	Unidad de Investigación Biomédica de Zacatecas (UIBZ)	Instituto Nacional de Enfermedades Respiratorias (INER): Centro de Investigación en Enfermedades Infecciosas (CIENI)	Consortio Mexicano de Vigilancia Genómica (CoViGen-Mex). Authors (in alphabetical order): Julio Elias Alvarado-Yaah, Carlos F. Arias, Santiago Ávila-Ríos, Víctor Hugo Borja-Aburto, Celia Boukadida, Juan Bautista Chale-Dzul , José Antonio Enciso-Moreno, Gloria Elena Espinoza-Ayala, Fernando Fontove-Herrera, Concepción Grajales-Muñiz, Ricardo Grande, Alfredo Herrera-Estrella, Carla Ivón Herrera-Najera, Pavel Isa, Brenda Irasema Maldonado-Meza, Bernardo Martínez-Miguel, Margarita Matías-Florentino, María Guadalupe de Jesús Mireles-Rivera, Gloria María Molina-Salinas, Hector Montoya-Fuentes, José Esteban Muñoz-Medina, José de Jesús Nuñez-Contreras, Alicia Ocaña-Mondragón, Luis Alberto Ochoa-Carrera, Hector Esteban Paz-Juárez, Francisco Pulido, Helen Haydee Fernanda Ramirez-Plascencia, Angel Gustavo Salas-Lais, Jorge Ivan Salinal-Nevarez, Alejandro Sanchez-Flores, Clara Esperanza Santacruz-Tinoco, María Guadalupe Santiago-Mauricio , Nelly Sélem-Mojica, Blanca Taboada , Gloria Vazquez
EPI_ISL_1279565, EPI_ISL_1279574	Laboratorio Central de Epidemiología (LCE)	Instituto Nacional de Enfermedades Respiratorias (INER): Centro de Investigación en Enfermedades Infecciosas (CIENI)	Consortio Mexicano de Vigilancia Genómica (CoViGen-Mex). Authors (in alphabetical order): Julio Elias Alvarado-Yaah, Carlos F. Arias, Santiago Ávila-Ríos, Víctor Hugo Borja-Aburto, Celia Boukadida, Juan Bautista Chale-Dzul , José Antonio Enciso-Moreno, Gloria Elena Espinoza-Ayala, Fernando Fontove-Herrera, Concepción Grajales-Muñiz, Ricardo Grande, Alfredo Herrera-Estrella, Carla Ivón Herrera-Najera, Pavel Isa, Brenda Irasema Maldonado-Meza, Bernardo Martínez-Miguel, Margarita Matías-Florentino, María Guadalupe de Jesús Mireles-Rivera, Gloria María Molina-Salinas, Hector Montoya-Fuentes, José Esteban Muñoz-Medina, José de Jesús Nuñez-Contreras, Alicia Ocaña-Mondragón, Luis Alberto Ochoa-Carrera, Hector Esteban Paz-Juárez, Francisco Pulido, Helen Haydee Fernanda Ramirez-Plascencia, Angel Gustavo Salas-Lais, Jorge Ivan Salinal-Nevarez, Alejandro Sanchez-Flores, Clara Esperanza Santacruz-Tinoco, María Guadalupe Santiago-Mauricio , Nelly Sélem-Mojica, Blanca Taboada , Gloria Vazquez
EPI_ISL_1279611	Unidad de Investigación Médica de Yucatán (UIMY)	Instituto Nacional de Enfermedades Respiratorias (INER): Centro de Investigación en Enfermedades Infecciosas (CIENI)	Consortio Mexicano de Vigilancia Genómica (CoViGen-Mex). Authors (in alphabetical order): Julio Elias Alvarado-Yaah, Carlos F. Arias, Santiago Ávila-Ríos, Víctor Hugo Borja-Aburto, Celia Boukadida, Juan Bautista Chale-Dzul , José Antonio Enciso-Moreno, Gloria Elena Espinoza-Ayala, Fernando Fontove-Herrera, Concepción Grajales-Muñiz, Ricardo Grande, Alfredo Herrera-Estrella, Carla Ivón Herrera-Najera, Pavel Isa, Brenda Irasema Maldonado-Meza, Bernardo Martínez-Miguel, Margarita Matías-Florentino, María Guadalupe de Jesús Mireles-Rivera, Gloria María Molina-Salinas, Hector Montoya-Fuentes, José Esteban Muñoz-Medina, José de Jesús Nuñez-Contreras, Alicia Ocaña-Mondragón, Luis Alberto Ochoa-Carrera, Hector Esteban Paz-Juárez, Francisco Pulido, Helen Haydee Fernanda Ramirez-Plascencia, Angel Gustavo Salas-Lais, Jorge Ivan Salinal-Nevarez, Alejandro Sanchez-Flores, Clara Esperanza Santacruz-Tinoco, María Guadalupe Santiago-Mauricio , Nelly Sélem-Mojica, Blanca Taboada , Gloria Vazquez
EPI_ISL_1283394, EPI_ISL_1283552, EPI_ISL_1283562, EPI_ISL_1283627, EPI_ISL_1283685, EPI_ISL_1283697, EPI_ISL_1283707, EPI_ISL_1283732, EPI_ISL_1283747, EPI_ISL_1283754, EPI_ISL_1283831, EPI_ISL_1283882, EPI_ISL_1283935, EPI_ISL_1284013, EPI_ISL_1284036, EPI_ISL_1284085, EPI_ISL_1284088, EPI_ISL_1284094, EPI_ISL_1284127, EPI_ISL_1284141, EPI_ISL_1284144, EPI_ISL_1284175, EPI_ISL_1284189, EPI_ISL_1284233, EPI_ISL_1284385, EPI_ISL_1284392, EPI_ISL_1284394, EPI_ISL_1284449	see above	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhwan Batra, Ben L. Rambo-Martin, Eileen de Feo, Jan Antico, Christine Tran, Matthew Tolentino, Shannon Wickline, Kim Gietzen, Brad Sickler, Jingtao Liu, Eric Allen, Phil Febbo, Summer Galloway, Nicole L. Washington, Simon White, Geraint Levan, Kelly Schiabor Barrett, Elizabeth Cirulli, Alexandre Bolze, Ary Ascencio, Charlotte Rivera-Garcia, Ryan Cho, Jason Nguyen, Sherry Wang, Jimmy Ramirez, Tyler Cassens, Efrén Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1288162, EPI_ISL_1288302, EPI_ISL_1288308, EPI_ISL_1288312, EPI_ISL_1288387, EPI_ISL_1288391	Laboratorio Central de Epidemiología (LCE)	Instituto de Biotecnología de la UNAM	Consortio Mexicano de Vigilancia Genómica (CoViGen-Mex). Authors (in alphabetical order): Julio Elias Alvarado-Yaah, Carlos F. Arias, Santiago Ávila-Ríos, Víctor Hugo Borja-Aburto, Celia Boukadida, Juan Bautista Chale-Dzul , José Antonio Enciso-Moreno, Gloria Elena Espinoza-Ayala, Fernando Fontove-Herrera, Concepción Grajales-Muñiz, Ricardo Grande, Alfredo Herrera-Estrella, Carla Ivón Herrera-Najera, Pavel Isa, Brenda Irasema Maldonado-Meza, Bernardo Martínez-Miguel, Margarita Matías-Florentino, María Guadalupe de Jesús Mireles-Rivera, Gloria María Molina-Salinas, Hector Montoya-Fuentes, José Esteban Muñoz-Medina, José de Jesús Nuñez-Contreras, Alicia Ocaña-Mondragón, Luis Alberto Ochoa-Carrera, Hector Esteban Paz-Juárez, Francisco Pulido, Helen Haydee Fernanda Ramirez-Plascencia, Angel Gustavo Salas-Lais, Jorge Ivan Salinal-Nevarez, Alejandro Sanchez-Flores, Clara Esperanza Santacruz-Tinoco, María Guadalupe Santiago-Mauricio , Nelly Sélem-Mojica, Blanca Taboada , Gloria Vazquez
EPI_ISL_1289307, EPI_ISL_1289310, EPI_ISL_1289393, EPI_ISL_1289395, EPI_ISL_1289396	Dutch COVID-19 response team	National Institute for Public Health and the Environment (RIVM)	Adam Meijer, Harry Vennema, Dirk Eggink, Jeroen Cremer, Sharon van den Brink, Bas van der Veer, AnneMarie van den Brandt, Florian Zwagemaker, Dennis Schmitz, Chantal Reusken, on behalf of the national COVID-19 response team
EPI_ISL_1289500, EPI_ISL_1289522, EPI_ISL_1289523, EPI_ISL_1289659, EPI_ISL_1289700	Michigan Department of Health and Human Services, Bureau of Laboratories	Michigan Department of Health and Human Services, Bureau of Laboratories	Blankenship HM, Riner D, Soehnlen MK
EPI_ISL_1291020, EPI_ISL_1291058, EPI_ISL_1291063, EPI_ISL_1291064, EPI_ISL_1291111, EPI_ISL_1291115, EPI_ISL_1291117, EPI_ISL_1291132, EPI_ISL_1291157, EPI_ISL_1291160, EPI_ISL_1291187	see above	Quest Diagnostics Incorporated	Peter W. Cook, Dakota Howard, Dhwan Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1291640	Univeristy of New Mexico Hospital	Center for Global Health, University of New Mexico Health Sciences Center	Daryl Domman, Kurt Schwalm, Justin Bacca, Jon Femling, Darrell Dinwiddie
EPI_ISL_1291658, EPI_ISL_1291661, EPI_ISL_1291668, EPI_ISL_1291673, EPI_ISL_1291683, EPI_ISL_1291691, EPI_ISL_1291699, EPI_ISL_1291703, EPI_ISL_1291709, EPI_ISL_1291710, EPI_ISL_1291711, EPI_ISL_1291714, EPI_ISL_1291721, EPI_ISL_1291724, EPI_ISL_1291726, EPI_ISL_1291728, EPI_ISL_1291730, EPI_ISL_1291737	see above	Arizona State University	Peter T. Skidmore, LaRinda A. Holland, Rabia Maqsood, Emily A. Kaelin, Nicholas J. Mellor, Kristina Buss, Joy M. Blain, Neal W Woodbury, Valerie Harris, Joshua LaBaer, Vel Murugan, Efrém S. Lim
EPI_ISL_1291745	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Department
EPI_ISL_1292133, EPI_ISL_1292284, EPI_ISL_1292288	Sonora Quest Laboratories	TGen North	*Jolene Bowers, Heather Centner, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelhater, The Arizona COVID Genomics Union (ACGU)*

EPI_ISL_1292384, EPI_ISL_1292386, EPI_ISL_1292387, EPI_ISL_1292395	TGen North	TGen North	"Jolene Bowers, Heather Centner, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)"	
EPI_ISL_1292418	Sonora Quest Laboratories	TGen North	"Jolene Bowers, Heather Centner, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)"	
EPI_ISL_1292427, EPI_ISL_1292428, EPI_ISL_1292429, EPI_ISL_1292440, EPI_ISL_1292449, EPI_ISL_1292484, EPI_ISL_1292501, EPI_ISL_1292509, EPI_ISL_1292576, EPI_ISL_1292589, EPI_ISL_1292595, EPI_ISL_1292597, EPI_ISL_1292624, EPI_ISL_1292655, EPI_ISL_1292671, EPI_ISL_1292683, EPI_ISL_1292685	see above	State Laboratories Division, Hawaii State Department of Health	State Laboratories Division, Hawaii State Department of Health	Pamela O'Brien, Drew Kuwazaki, Ayana Garnet, Razvan Sultana, Edward Desmond
EPI_ISL_1292969	Maryland Genomics, Institute for Genome Sciences, University of Maryland School of Medicine	Maryland Genomics, Institute for Genome Sciences, University of Maryland School of Medicine	Tallon, Luke J; Sadzewicz, Lisa D; Humphrys, Mike; Ott, Sandra; Roussey, Holly; Mehta, Aditya; Vavikolanu, Kranthi; Fraser, Claire M; Ravel, Jacques	
EPI_ISL_1292979, EPI_ISL_1292980, EPI_ISL_1292981	Yale Clinical Virology Lab	Grubaugh Lab - Yale School of Public Health	Joseph Fauver, Mallery Breban, Isabell Ott, Tara Alpert, Mary Petrone, Anderson Brito, Chantal Vogels, Annie Watkins, Chaney Kalinich, Jessica Rothman, Marie L. Landry, Nathan Grubaugh	
EPI_ISL_1293013	MD Public Health Laboratory	MD Public Health Laboratory	Maryland Department of Health Laboratories Administration	
EPI_ISL_1293130	Murphy Medical Association	Grubaugh Lab - Yale School of Public Health	Joseph Fauver, Mallery Breban, Isabell Ott, Tara Alpert, Mary Petrone, Anderson Brito, Chantal Vogels, Annie Watkins, Chaney Kalinich, Jessica Rothman, Caleb Neal, Eva Laszlo, Steven Murphy, Nathan Grubaugh	
EPI_ISL_1295185, EPI_ISL_1295249, EPI_ISL_1295544	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Kelsey R. Florek, Abigail C. Shockey	
EPI_ISL_1295660, EPI_ISL_1295661, EPI_ISL_1295663, EPI_ISL_1295664, EPI_ISL_1295667, EPI_ISL_1295683, EPI_ISL_1295685, EPI_ISL_1295694, EPI_ISL_1295707, EPI_ISL_1295710, EPI_ISL_1295712, EPI_ISL_1295714, EPI_ISL_1295716, EPI_ISL_1295720, EPI_ISL_1295722, EPI_ISL_1295727, EPI_ISL_1295730, EPI_ISL_1295739, EPI_ISL_1295747, EPI_ISL_1295752, EPI_ISL_1295754, EPI_ISL_1295756, EPI_ISL_1295762, EPI_ISL_1295768, EPI_ISL_1295773, EPI_ISL_1295774, EPI_ISL_1295775, EPI_ISL_1295779	see above	Sharp HealthCare Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Aaron Harding, Jacquelyn Berumen, Cathy Woerle, Liam McGinnis, Art Mendoza, Omid Bakhtar
EPI_ISL_1295797, EPI_ISL_1295798, EPI_ISL_1295804, EPI_ISL_1295809, EPI_ISL_1295814	Rady Children's Hospital - San Diego	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Nanda Radamchar, David Dimmock, Linda Luo, Christina Clarke, Kathryn Bouic, Teresa Mueller, Denise Malicki	
EPI_ISL_1295821, EPI_ISL_1295830, EPI_ISL_1295832, EPI_ISL_1295835, EPI_ISL_1295838, EPI_ISL_1295843, EPI_ISL_1295845, EPI_ISL_1295847, EPI_ISL_1295854, EPI_ISL_1295883, EPI_ISL_1295887	see above	Sharp HealthCare Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Aaron Harding, Jacquelyn Berumen, Cathy Woerle, Liam McGinnis, Art Mendoza, Omid Bakhtar
EPI_ISL_1295904, EPI_ISL_1295905, EPI_ISL_1295909, EPI_ISL_1295910, EPI_ISL_1295927	Nevada State Public Health Laboratory	Nevada State Public Health Laboratory	Andrew Gorzalski, Mark Pandori	
EPI_ISL_1296685, EPI_ISL_1296759	Sonora Quest Laboratories	TGen North	"Jolene Bowers, Heather Centner, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)"	
EPI_ISL_1296815	TGen North	TGen North	"Jolene Bowers, Heather Centner, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)"	
EPI_ISL_1296847	Sonora Quest Laboratories	TGen North	"Jolene Bowers, Heather Centner, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)"	
EPI_ISL_1296926	TGen North	TGen North	"Jolene Bowers, Heather Centner, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)"	
EPI_ISL_1296931, EPI_ISL_1296934, EPI_ISL_1297018, EPI_ISL_1297033, EPI_ISL_1297054, EPI_ISL_1297115, EPI_ISL_1297152	Sonora Quest Laboratories	TGen North	"Jolene Bowers, Heather Centner, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)"	
EPI_ISL_1297495	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Shah Mohamed Bakhsh, Michelle Lin, Noah Baker, Sean Ellis, Saraswathi Sathees, Meei-Li Huang, Keith R Jerome, Alexander Greninger	
EPI_ISL_1297497, EPI_ISL_1297502, EPI_ISL_1297536, EPI_ISL_1297546, EPI_ISL_1297549, EPI_ISL_1297574, EPI_ISL_1297622, EPI_ISL_1297652, EPI_ISL_1297708, EPI_ISL_1297719, EPI_ISL_1297734, EPI_ISL_1297738, EPI_ISL_1297743, EPI_ISL_1297764, EPI_ISL_1297819, EPI_ISL_1297826	see above	Quest Diagnostics Incorporated	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shiyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1297869, EPI_ISL_1297888, EPI_ISL_1297889, EPI_ISL_1297966, EPI_ISL_1297975, EPI_ISL_1298051, EPI_ISL_1298067, EPI_ISL_1298070, EPI_ISL_1298088, EPI_ISL_1298093, EPI_ISL_1298131, EPI_ISL_1298146, EPI_ISL_1298152, EPI_ISL_1298156, EPI_ISL_1298159	see above	Helix/Illumina	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, Eileen de Feo, Jan Antico, Christine Tran, Matthew Tolentino, Shannon Wickline, Kim Gietzen, Brad Sickler, Jingtao Liu, Eric Allen, Phil Febbo, Summer Galloway, Nicole L. Washington, Simon White, Geraint Levan, Kelly Schiabor Barrett, Elizabeth Cirulli, Alexandre Bolze, Ary Ascencio, Charlotte Rivera-Garcia, Ryan Cho, Jason Nguyen, Sherry Wang, Jimmy Ramirez, Tyler Cassens, Efrén Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1299259, EPI_ISL_1299264, EPI_ISL_1299271	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Jim Mildenberger, Wanda Manley, Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Chayse Rowley, Marley Goetz, Brian Dominguez, Elliot Thomasson, Cari Sloma, and Rob Christensen	
EPI_ISL_1299317, EPI_ISL_1299318, EPI_ISL_1299322, EPI_ISL_1299324	Arizona State University	Arizona State University	Peter T. Skidmore, LaRinda A. Holland, Rabia Maqsood, Emily A. Kaelin, Nicholas J. Mellor, Kristina Buss, Joy M. Blain, Neal W Woodbury, Valerie Harris, Joshua LaBaer, Vel Murugan, Efrém S. Lim	
EPI_ISL_1300066, EPI_ISL_1300077, EPI_ISL_1300083, EPI_ISL_1300084, EPI_ISL_1300085, EPI_ISL_1300093, EPI_ISL_1300098, EPI_ISL_1300101, EPI_ISL_1300112, EPI_ISL_1300134, EPI_ISL_1300137	see above	Colorado Department of Public Health and Environment	Colorado Department of Public Health and Environment	Laura Bankers, Molly C. Hetherington-Rauth, Diana Ir, Shannon Ely, Shannon R. Matzinger, Sarah Elizabeth Totten, Emily A. Travanty
EPI_ISL_1300200, EPI_ISL_1300254	NYU Langone Health	Departments of Pathology and Medicine, New York University School of Medicine	Adriana Heguy, Dacia Dimartino, Emily Guzman, Christian Marier, Peter Meyn, Sitharam Ramaswami, Gael Westby, Paul Zappile, Yutong Zhang, Paolo Cotzia, Guiqing Wang	
EPI_ISL_1300579, EPI_ISL_1300585, EPI_ISL_1300627, EPI_ISL_1300628	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin L. Young, Kelly F. Oakeson, Tara Gallagher	
EPI_ISL_1301386, EPI_ISL_1301418, EPI_ISL_1301426	MSHS Clinical Microbiology Laboratories	MSHS Pathogen Surveillance Program	Ana S. Gonzalez-Reiche, Hala Alshammary, Mitchell J. Sullivan, Brianne Ciferri, Ajay Obla, Angela Amoako, Mahmoud Awawda, Daniel Floda, Julia Matthews, Ashley Salimbangon, Levy Sominsky, Katherine Beach, Kayla Russo, Charles Gleason, Sheldie Fabre, Giulio Kleiner, Zenab Khan, Bremy Alburquerque, Adriana van de Guchte, Komal Srivastava, Matthew M. Hernandez, Jayeeta Dutta, Denise Jurczynszak, Nancy Francoeur, Betsaida Salom Melo, Irina Oussenko, Gintaras Deikus, Juan Soto, Shwetha Hara Sridhar, Ying-Chih Wang, Kathryn Twyman, Deena R. Altman, Robert Sebra, Adolfo García-Sastre, Marta Luksza, Gopi Patel, Sarah Schaefer, Melissa Gitman, Michael D. Nowak, Alberto Paniz-Mondolfi, Emilia Mia Sordillo, Viviana Simon, Harm van Bakel	
EPI_ISL_1301930	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Louise Lefrançois, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Leruez-Ville Marianne	
EPI_ISL_1303212, EPI_ISL_1303345	Microbiology Division, South Carolina Department of Health and Environmental Control	Microbiology Division, South Carolina Department of Health and Environmental Control	Flores,H., Freeman,J.	
EPI_ISL_1303421, EPI_ISL_1303422	MD Laboratories	Los Angeles County PHL	P. Hemarajata et al.	

EPI_ISL_1303436, EPI_ISL_1303456, EPI_ISL_1303458	UCLA Clinical Micro Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1303490, EPI_ISL_1303498	USC Clinical Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1303552, EPI_ISL_1303570, EPI_ISL_1303571, EPI_ISL_1303584, EPI_ISL_1303643, EPI_ISL_1303663, EPI_ISL_1303712, EPI_ISL_1303754, EPI_ISL_1303830, EPI_ISL_1303910, EPI_ISL_1303951, EPI_ISL_1304058, EPI_ISL_1304088, EPI_ISL_1304520, EPI_ISL_1304565, EPI_ISL_1304566, EPI_ISL_1304583, EPI_ISL_1304887, EPI_ISL_1304923, EPI_ISL_1304926, EPI_ISL_1304929, EPI_ISL_1305091, EPI_ISL_1305143, EPI_ISL_1305521, EPI_ISL_1305592, EPI_ISL_1305624, EPI_ISL_1305638, EPI_ISL_1305686, EPI_ISL_1305697			
see above	Houston Methodist Hospital	Houston Methodist Hospital	S. Wesley Long, Randall J. Olsen, Paul A. Christensen, Sishir Subedi, Robert Olson, James J. Davis, Matthew Ojeda Saavedra, Prasanti Yerramilli, Layne Pruitt, Kristina Reppond, Madison N. Shyer, Jessica Cambric, Ilya J. Finkelstein, Jimmy Gollihar, and James M. Musser
EPI_ISL_1306420, EPI_ISL_1306578, EPI_ISL_1306790, EPI_ISL_1306939	Pandemic Response Lab - NYC	Pandemic Response Lab, R&D	Henry Lee, Michael Hammerling, Melissa Hopkins, Cybill del Castillo, Shinyoung Clair Kang, William Ward, Pradeep Bugga, Sol Rey, Dylan Law, Haiping Hao, Jon Laurent
EPI_ISL_1312783	Molecular & Genomic Pathology Laboratory, Thomas Jefferson University Hospital	Molecular & Genomic Pathology Laboratory, Thomas Jefferson University Hospital	Run Jin, Nitika Badjatia, Zi-xuan Wang
EPI_ISL_1313734, EPI_ISL_1313758, EPI_ISL_1313834, EPI_ISL_1313845	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin L. Young, Kelly F. Oakeson, Tara Gallagher
EPI_ISL_1314055, EPI_ISL_1314056, EPI_ISL_1314060, EPI_ISL_1314061, EPI_ISL_1314062, EPI_ISL_1314065, EPI_ISL_1314066, EPI_ISL_1314143	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Jim Mildenerberger, Wanda Manley, Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Chayse Rowley, Marley Goetz, Brian Dominguez, Elliot Thomasson, Cari Sloma, and Rob Christensen
EPI_ISL_1314234, EPI_ISL_1314253, EPI_ISL_1314255	University of Wisconsin-Madison AIDS Vaccine Research Laboratories	University of Wisconsin-Madison AIDS Vaccine Research Laboratories	Gage Moreno, Katarina Braun, et al. AIDS Vaccine Research Laboratories
EPI_ISL_1314325, EPI_ISL_1314358	Vault Health	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1314546, EPI_ISL_1314553, EPI_ISL_1314593, EPI_ISL_1314605, EPI_ISL_1314608, EPI_ISL_1314621, EPI_ISL_1314624, EPI_ISL_1314649, EPI_ISL_1314664, EPI_ISL_1314698, EPI_ISL_1314706, EPI_ISL_1314742, EPI_ISL_1314755, EPI_ISL_1314762, EPI_ISL_1314763, EPI_ISL_1314783, EPI_ISL_1314790, EPI_ISL_1314803, EPI_ISL_1314811, EPI_ISL_1314822, EPI_ISL_1314823, EPI_ISL_1314834, EPI_ISL_1314837, EPI_ISL_1314922, EPI_ISL_1314927, EPI_ISL_1314936, EPI_ISL_1314941, EPI_ISL_1314949, EPI_ISL_1314961, EPI_ISL_1314966			
see above	Quest Diagnostics Incorporated	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1315087	Nebraska Public Health Laboratory	NPHL COVID-19 Response Team	NPHL COVID-19 Response Team
EPI_ISL_1315096, EPI_ISL_1315099, EPI_ISL_1315101, EPI_ISL_1315109, EPI_ISL_1315118, EPI_ISL_1315124	Nevada State Public Health Laboratory	Nevada State Public Health Laboratory	Andrew Gorzalski, Mark Pandori
EPI_ISL_1315126, EPI_ISL_1315127	The Jackson Laboratory	The Jackson Laboratory	Bergeron D, Renzette N, Adams M, Omerza G, Kelly K, Li L
EPI_ISL_1315533	Instituto Nacional de Medicina Genomica	Instituto Nacional de Medicina Genomica	Hidalgo-Miranda A, Mendoza-Vargas A, Reyes-Grajeda JP, Cedro-Tanda A, Alcaraz N, Arriaga-Canon C, Frías-Jimenez E, Gonzalez-Barrera D, Rangel-DeLeon D, Ramirez-Vega O, Munguia-Garza, Garcia-Cárdenas FJ, González-Woge MA, Herrera-Montalvo LA
EPI_ISL_1316190	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Rob Howes, The Lighthouse Lab in Cambridge and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1318236, EPI_ISL_1318256	IN State Department of Health Laboratory Services	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Brian Lynch, Anna Kelleher, Krista Queen, Anna Uehara, Peter Cook, Han Jia Justin Ng, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_1318301	TN Division of Laboratory Services	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1318360	VA-Division of Consolidated Laboratory Services	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1318378	CA-Los Angeles County Public Health Laboratory	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1318461	RI State Health Laboratories	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1318468, EPI_ISL_1318474, EPI_ISL_1318475, EPI_ISL_1318477	MT Public Health Laboratory	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1318491	"HI Dept. of Health, State Laboratories Division"	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1318559, EPI_ISL_1318575, EPI_ISL_1318576, EPI_ISL_1318584	GA Department of Public Health Laboratory	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1318625	LA Office of Public Health Laboratories	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1318636, EPI_ISL_1318638, EPI_ISL_1318639, EPI_ISL_1318644, EPI_ISL_1318645, EPI_ISL_1318648, EPI_ISL_1318649, EPI_ISL_1318650, EPI_ISL_1318651, EPI_ISL_1318662, EPI_ISL_1318667			
see above	"CDPH, Viral and Rickettsial Disease Laboratory"	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1318689	NE Public Health Laboratory	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1318704, EPI_ISL_1318717, EPI_ISL_1318725, EPI_ISL_1318735, EPI_ISL_1318747, EPI_ISL_1318749, EPI_ISL_1318753, EPI_ISL_1318758, EPI_ISL_1318764, EPI_ISL_1318767, EPI_ISL_1318795, EPI_ISL_1318803, EPI_ISL_1318805, EPI_ISL_1318811, EPI_ISL_1318817, EPI_ISL_1318818, EPI_ISL_1318827, EPI_ISL_1318828, EPI_ISL_1318830, EPI_ISL_1318834, EPI_ISL_1318837, EPI_ISL_1318839, EPI_ISL_1318840, EPI_ISL_1318845, EPI_ISL_1318858, EPI_ISL_1318859, EPI_ISL_1318862, EPI_ISL_1318864, EPI_ISL_1318865, EPI_ISL_1318871, EPI_ISL_1318872, EPI_ISL_1318873, EPI_ISL_1318875, EPI_ISL_1318878, EPI_ISL_1318883, EPI_ISL_1318885, EPI_ISL_1318886, EPI_ISL_1318887, EPI_ISL_1318892, EPI_ISL_1318893, EPI_ISL_1318894, EPI_ISL_1318895, EPI_ISL_1318896, EPI_ISL_1318897, EPI_ISL_1318898, EPI_ISL_1318899, EPI_ISL_1318903, EPI_ISL_1318905, EPI_ISL_1318907, EPI_ISL_1318909, EPI_ISL_1318912, EPI_ISL_1318913, EPI_ISL_1318914, EPI_ISL_1318915, EPI_ISL_1318917, EPI_ISL_1318919, EPI_ISL_1318923, EPI_ISL_1318932, EPI_ISL_1318934, EPI_ISL_1318935, EPI_ISL_1318941, EPI_ISL_1318942, EPI_ISL_1318944, EPI_ISL_1318952, EPI_ISL_1318953, EPI_ISL_1318955, EPI_ISL_1318957, EPI_ISL_1318958, EPI_ISL_1318959, EPI_ISL_1318961, EPI_ISL_1318962, EPI_ISL_1318967, EPI_ISL_1318969, EPI_ISL_1318970, EPI_ISL_1318976, EPI_ISL_1318980, EPI_ISL_1318984, EPI_ISL_1318987			

see above	DeRisi Lab, University of California, San Francisco	DeRisi Lab, University of California, San Francisco	Sabrina Mann, Anthea Mitchell, Jamin Liu, Sara Sunshine, Matthew Laurie, Genay Pilarowski, Amy Kistler, Manu Vanaerschot, Patrick Ayscue, Lucy Li, Eric Chow, IDseq Team, James Peng, Carina Marquez, Luis Rubio, Gabriel Chamie, Diane Jones, Jon Jacobo, Susana Rojas, Susy Rojas, Valerie Tulier-Laiwa, Douglas Black, Jackie Martinez, Maya Petersen, Diane Havlir, and Joseph DeRisi
EPI_ISL_1319081, EPI_ISL_1319111, EPI_ISL_1319159, EPI_ISL_1319253, EPI_ISL_1319307, EPI_ISL_1319320, EPI_ISL_1319418, EPI_ISL_1319421, EPI_ISL_1319459, EPI_ISL_1319461, EPI_ISL_1319470, EPI_ISL_1319473, EPI_ISL_1319500, EPI_ISL_1319608, EPI_ISL_1319609, EPI_ISL_1319610, EPI_ISL_1319632, EPI_ISL_1319634, EPI_ISL_1319699, EPI_ISL_1319714, EPI_ISL_1319779, EPI_ISL_1319782, EPI_ISL_1319813, EPI_ISL_1319832, EPI_ISL_1319861, EPI_ISL_1319915, EPI_ISL_1319933, EPI_ISL_1319949, EPI_ISL_1319950, EPI_ISL_1319996, EPI_ISL_1320006, EPI_ISL_1320013, EPI_ISL_1320017, EPI_ISL_1320022, EPI_ISL_1320026, EPI_ISL_1320031, EPI_ISL_1320037, EPI_ISL_1320047, EPI_ISL_1320057, EPI_ISL_1320058, EPI_ISL_1320062, EPI_ISL_1320066, EPI_ISL_1320067, EPI_ISL_1320070, EPI_ISL_1320074, EPI_ISL_1320075, EPI_ISL_1320077, EPI_ISL_1320081, EPI_ISL_1320092, EPI_ISL_1320096, EPI_ISL_1320100, EPI_ISL_1320113, EPI_ISL_1320115, EPI_ISL_1320155, EPI_ISL_1320175, EPI_ISL_1320205, EPI_ISL_1320210, EPI_ISL_1320227, EPI_ISL_1320275, EPI_ISL_1320278, EPI_ISL_1320286, EPI_ISL_1320295, EPI_ISL_1320297, EPI_ISL_1320304, EPI_ISL_1320311, EPI_ISL_1320312, EPI_ISL_1320313, EPI_ISL_1320321, EPI_ISL_1320322, EPI_ISL_1320323, EPI_ISL_1320325, EPI_ISL_1320326, EPI_ISL_1320343, EPI_ISL_1320371, EPI_ISL_1320388, EPI_ISL_1320390, EPI_ISL_1320398, EPI_ISL_1320446, EPI_ISL_1320471, EPI_ISL_1320506, EPI_ISL_1320513, EPI_ISL_1320569, EPI_ISL_1320571, EPI_ISL_1320581, EPI_ISL_1320585, EPI_ISL_1320630, EPI_ISL_1320652, EPI_ISL_1320690, EPI_ISL_1320730, EPI_ISL_1320746, EPI_ISL_1320798, EPI_ISL_1320812, EPI_ISL_1320852, EPI_ISL_1320878, EPI_ISL_1320896, EPI_ISL_1320911, EPI_ISL_1320983, EPI_ISL_1321002, EPI_ISL_1321014, EPI_ISL_1321018, EPI_ISL_1321020, EPI_ISL_1321024, EPI_ISL_1321026, EPI_ISL_1321029, EPI_ISL_1321031, EPI_ISL_1321038, EPI_ISL_1321053, EPI_ISL_1321058, EPI_ISL_1321079, EPI_ISL_1321080, EPI_ISL_1321137, EPI_ISL_1321144, EPI_ISL_1321146, EPI_ISL_1321147, EPI_ISL_1321160, EPI_ISL_1321167, EPI_ISL_1321195, EPI_ISL_1321196, EPI_ISL_1321204, EPI_ISL_1321207, EPI_ISL_1321209, EPI_ISL_1321210, EPI_ISL_1321213, EPI_ISL_1321231, EPI_ISL_1321234, EPI_ISL_1321235, EPI_ISL_1321245, EPI_ISL_1321247, EPI_ISL_1321248, EPI_ISL_1321251, EPI_ISL_1321259, EPI_ISL_1321261, EPI_ISL_1321264, EPI_ISL_1321265, EPI_ISL_1321272, EPI_ISL_1321275, EPI_ISL_1321276, EPI_ISL_1321282, EPI_ISL_1321283, EPI_ISL_1321284, EPI_ISL_1321285, EPI_ISL_1321286, EPI_ISL_1321287, EPI_ISL_1321292, EPI_ISL_1321297, EPI_ISL_1321299, EPI_ISL_1321312, EPI_ISL_1321318, EPI_ISL_1321321, EPI_ISL_1321322, EPI_ISL_1321332, EPI_ISL_1321335, EPI_ISL_1321336, EPI_ISL_1321337, EPI_ISL_1321342, EPI_ISL_1321348, EPI_ISL_1321350			
see above	Laboratory Corporation of America	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, Minoo Agarwal, Eyad Almasri, Debbie Boles, Ayla Burns, Nuthawin Charoensri, Oren Cohen, Susan Countryman, Mary Ann Cristobal, Bobbi Croy, Suzanne Dale, Hrushikesh Deshmukh, Amanda Douglas, Vincent Drouillon, Marcia Eisenberg, Howard Engler, Rama Ghatti, Prashant Gupta, Susan Hicks, Jake Humphrey, Lax Iyer, Manoj Jain, Mohan Kolli, Brian Krueger, Tim Kuphal, Stanley Letovsky, Michael Levandoski, Craig Lukasik, Jonathan Meltzer, Brian Norvell, Mindy Nye, Scott Parker, Christos Petropoulos, John Pruitt, Steven Ragan, Scott Ryan, Mike Sapeta, Jana Schroth, Suresh Babu Selvaraju, Goran Stevovic, Amanda Suchanek, Andrea Throop, Lyndon Tilson, Thomas Urban, Joe Voshell, Kimberly Wagner, Jonathan Williams, Mary Williamson, Qian Zeng, Tricia Zwiefelhofer, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1321491, EPI_ISL_1321529	Genetica Molecular and Subdepartamento de Virologia ISP Chile	Instituto de Salud Publica de Chile	Javier Tognarelli, Karen Orostica, Barbara Parra, Loredana Arata, Jaime Lagos, Gisselle Barra, Patricia Bustos, Rodrigo Fasce, Andres Castillo, Jorge Fernandez
EPI_ISL_1321601	Ohio Department of Health Laboratory	Ohio Department of Health Laboratory	Holmes, Jennifer; Eric Brandt, Keoni Omura, Glen McGillivray, Caitlin McDonnell, Jade Mowery, Stephanie Mccracken, Tyler Payne, Kirtana Ramadugu, Erica Leasure, Brent Lee, Kelsey Florek, Heather Blankenship, Allison Black, Quanta Brown, and Tammy Bannerman
EPI_ISL_1321673, EPI_ISL_1321692	Clinical Molecular Microbiology Laboratory, UNC Hospitals	Jeremy Wang	Jeremy Wang, Alexander Rubinsteyn, Colleen Rice, Jason Smedberg, Shawn Hawken, Melissa Miller, Corbin Jones, Robert Hagan
EPI_ISL_1322764	NYU Langone Health	Departments of Pathology and Medicine, New York University School of Medicine	Adriana Heguy, Dacia Dimartino, Emily Guzman, Christian Marier, Peter Meyn, Sitharam Ramaswami, Gael Westby, Paul Zappile, Yutong Zhang, Paolo Cotzia, Guiqing Wang
EPI_ISL_1323116	IL Department of Public Health Chicago Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Brian Lynch, Anna Kelleher, Krista Queen, Anna Uehara, Peter Cook, Han Jia Justin Ng, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_1323470, EPI_ISL_1323488, EPI_ISL_1323497, EPI_ISL_1323505, EPI_ISL_1323510	Illinois Department of Public Health	Gagnon Lab, Southern Illinois University	Keith Gagnon
EPI_ISL_1323637, EPI_ISL_1323638	Nevada State Public Health Laboratory	Nevada State Public Health Laboratory	Andrew Gorzalski, Mark Pandori
EPI_ISL_1324367	LSUHS Emerging Viral Threat Laboratory	Microbial Genome Sequencing Center	Jeremy P. Kamil, Jennifer L. Carroll, Rona S. Scott, Maarten Van Diest, Andrew D. Yurochko, Christopher G. Kevil, Martin J. Sapp, Daniel J. Snyder, Vaughn S. Cooper, John A. Vanchiere
EPI_ISL_1324784, EPI_ISL_1324792, EPI_ISL_1324796, EPI_ISL_1324798	Nevada State Public Health Laboratory	Nevada State Public Health Laboratory	Andrew Gorzalski, Mark Pandori
EPI_ISL_1333509	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Rob Howes, The Lighthouse Lab in Cambridge and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1334387	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Jim Miltenberger, Wanda Manley, Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Chayse Rowley, Marley Goetz, Brian Dominguez, Elliot Thomasson, Cari Sloma, and Rob Christensen
EPI_ISL_1335806, EPI_ISL_1335809, EPI_ISL_1335810, EPI_ISL_1335811, EPI_ISL_1335812, EPI_ISL_1335813, EPI_ISL_1335814, EPI_ISL_1335815, EPI_ISL_1335816, EPI_ISL_1335840, EPI_ISL_1335841, EPI_ISL_1335842, EPI_ISL_1335844, EPI_ISL_1335847, EPI_ISL_1335848, EPI_ISL_1335852, EPI_ISL_1335854, EPI_ISL_1335866	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Laboratory	Claudia Wong-Arambula, Abril Rodriguez-Maldonado, Vanessa Rivero-Arredondo, Ariadna Medina-Benitez, Joaquin Quiroz-Mercado, Sergio Rangel-Guerrero, Natividad Cruz-Ortiz, Tatiana Nunez-Garcia, Gisela Barrera-Badillo, Lucia Hernandez-Rivas, Irma Lopez-Martinez, Ernesto Ramirez-Gonzalez.
see above	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Laboratory	Claudia Wong-Arambula, Abril Rodriguez-Maldonado, Vanessa Rivero-Arredondo, Ariadna Medina-Benitez, Joaquin Quiroz-Mercado, Sergio Rangel-Guerrero, Natividad Cruz-Ortiz, Tatiana Nunez-Garcia, Gisela Barrera-Badillo, Lucia Hernandez-Rivas, Irma Lopez-Martinez, Ernesto Ramirez-Gonzalez.
EPI_ISL_1337371, EPI_ISL_1337374	LESP Baja California Sur	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Claudia Wong-Arambula, Abril Rodriguez-Maldonado, Vanessa Rivero-Arredondo, Ariadna Medina-Benitez, Joaquin Quiroz-Mercado, Sergio Rangel-Guerrero, Natividad Cruz-Ortiz, Tatiana Nunez-Garcia, Gisela Barrera-Badillo, Lucia Hernandez-Rivas, Irma Lopez-Martinez, Ernesto Ramirez-Gonzalez.
EPI_ISL_1337377, EPI_ISL_1337379	LESP Guanajuato	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Claudia Wong-Arambula, Abril Rodriguez-Maldonado, Vanessa Rivero-Arredondo, Ariadna Medina-Benitez, Joaquin Quiroz-Mercado, Sergio Rangel-Guerrero, Natividad Cruz-Ortiz, Tatiana Nunez-Garcia, Gisela Barrera-Badillo, Lucia Hernandez-Rivas, Irma Lopez-Martinez, Ernesto Ramirez-Gonzalez.
EPI_ISL_1337389	LESP Sinaloa	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Claudia Wong-Arambula, Abril Rodriguez-Maldonado, Vanessa Rivero-Arredondo, Ariadna Medina-Benitez, Joaquin Quiroz-Mercado, Sergio Rangel-Guerrero, Natividad Cruz-Ortiz, Tatiana Nunez-Garcia, Gisela Barrera-Badillo, Lucia Hernandez-Rivas, Irma Lopez-Martinez, Ernesto Ramirez-Gonzalez.
EPI_ISL_1337390	LESP Baja California	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Claudia Wong-Arambula, Abril Rodriguez-Maldonado, Vanessa Rivero-Arredondo, Ariadna Medina-Benitez, Joaquin Quiroz-Mercado, Sergio Rangel-Guerrero, Natividad Cruz-Ortiz, Tatiana Nunez-Garcia, Gisela Barrera-Badillo, Lucia Hernandez-Rivas, Irma Lopez-Martinez, Ernesto Ramirez-Gonzalez.
EPI_ISL_1337392, EPI_ISL_1337393	LESP Baja California Sur	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Claudia Wong-Arambula, Abril Rodriguez-Maldonado, Vanessa Rivero-Arredondo, Ariadna Medina-Benitez, Joaquin Quiroz-Mercado, Sergio Rangel-Guerrero, Natividad Cruz-Ortiz, Tatiana Nunez-Garcia, Gisela Barrera-Badillo, Lucia Hernandez-Rivas, Irma Lopez-Martinez, Ernesto Ramirez-Gonzalez.
EPI_ISL_1337610, EPI_ISL_1337618, EPI_ISL_1337632	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Jim Miltenberger, Wanda Manley, Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Chayse Rowley, Marley Goetz, Brian Dominguez, Elliot Thomasson, Cari Sloma, and Rob Christensen
EPI_ISL_1338045, EPI_ISL_1338066, EPI_ISL_1338101, EPI_ISL_1338122, EPI_ISL_1338129, EPI_ISL_1338136, EPI_ISL_1338140, EPI_ISL_1338170, EPI_ISL_1338177, EPI_ISL_1338212, EPI_ISL_1338222, EPI_ISL_1338226, EPI_ISL_1338237, EPI_ISL_1338238, EPI_ISL_1338280, EPI_ISL_1338289, EPI_ISL_1338291, EPI_ISL_1338298, EPI_ISL_1338362, EPI_ISL_1338368, EPI_ISL_1338394	Helix/Illumina	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, Eileen de Feo, Jan Antico, Christine Tran, Matthew Tolentino, Shannon Wickline, Kim Gietzen, Brad Sickler, Jingtao Liu, Eric Allen, Phil Febbo, Summer Galloway, Nicole L. Washington, Simon White, Geraint Levan, Kelly Schiabor Barrett, Elizabeth Cirulli, Alexandre Bolze, Ary Ascencio, Charlotte Rivera-Garcia, Ryan Cho, Jason Nguyen, Sherry Wang, Jimmy Ramirez, Tyler Cassens, Efen Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1338477, EPI_ISL_1338478, EPI_ISL_1338509, EPI_ISL_1338535, EPI_ISL_1338600, EPI_ISL_1338622, EPI_ISL_1338651, EPI_ISL_1338812, EPI_ISL_1338897, EPI_ISL_1338899, EPI_ISL_1338904, EPI_ISL_1338912, EPI_ISL_1338920, EPI_ISL_1338924, EPI_ISL_1338927, EPI_ISL_1338928, EPI_ISL_1338929, EPI_ISL_1338930, EPI_ISL_1338931, EPI_ISL_1338932, EPI_ISL_1338933, EPI_ISL_1338934, EPI_ISL_1338935, EPI_ISL_1338936, EPI_ISL_1338937, EPI_ISL_1338938, EPI_ISL_1338939, EPI_ISL_1338940, EPI_ISL_1338941, EPI_ISL_1338942, EPI_ISL_1338943, EPI_ISL_1338944, EPI_ISL_1338945, EPI_ISL_1338946, EPI_ISL_1338947, EPI_ISL_1338948, EPI_ISL_1338949, EPI_ISL_1338950, EPI_ISL_1338951, EPI_ISL_1338952, EPI_ISL_1338953, EPI_ISL_1338954, EPI_ISL_1338955, EPI_ISL_1338956, EPI_ISL_1338957, EPI_ISL_1338958, EPI_ISL_1338959, EPI_ISL_1338960, EPI_ISL_1338961, EPI_ISL_1338962, EPI_ISL_1338963, EPI_ISL_1338964, EPI_ISL_1338965, EPI_ISL_1338966, EPI_ISL_1338967, EPI_ISL_1338968, EPI_ISL_1338969, EPI_ISL_1338970, 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			Eisenberg, Howard Engler, Rama Ghatti, Prashant Gupta, Susan Hicks, Jake Humphrey, Lax Iyer, Manoj Jain, Mohan Kolli, Brian Krueger, Tim Kuphal, Stanley Letovsky, Michael Levandoski, Craig Lukasik, Jonathan Meltzer, Brian Norvell, Mindy Nye, Scott Parker, Christos Petropoulos, John Pruitt, Steven Ragan, Scott Ryan, Mike Sapeta, Jana Schroth, Suresh Babu Selvaraju, Goran Stevovic, Amanda Suchanek, Andrea Throop, Lyndon Tilson, Thomas Urban, Joe Voshell, Kimberly Wagner, Jonathan Williams, Mary Williamson, Qian Zeng, Tricia Zwiefelhofer, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
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EPI_ISL_1339971, EPI_ISL_1339972	DPHL	Delaware Public Health Lab	Rebecca Savage
EPI_ISL_1340045	Nebraska Public Health Laboratory	NPHL COVID-19 Response Team	NPHL COVID-19 Response Team
EPI_ISL_1340068, EPI_ISL_1340084, EPI_ISL_1340112, EPI_ISL_1340124, EPI_ISL_1340135, EPI_ISL_1340152, EPI_ISL_1340163, EPI_ISL_1340239, EPI_ISL_1340283, EPI_ISL_1340289, EPI_ISL_1340301, EPI_ISL_1340306, EPI_ISL_1340316, EPI_ISL_1340326, EPI_ISL_1340339, EPI_ISL_1340375, EPI_ISL_1340384, EPI_ISL_1340403			
see above	Helix/Illumina	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, Eileen de Feo, Jan Antico, Christine Tran, Matthew Tolentino, Shannon Wickline, Kim Gietzen, Brad Sickler, Jingtao Liu, Eric Allen, Phil Febbo, Summer Galloway, Nicole L. Washington, Simon White, Geraint Levan, Kelly Schiabor Barrett, Elizabeth Cirulli, Alexandre Bolze, Ary Ascencio, Charlotte Rivera-Garcia, Ryan Cho, Jason Nguyen, Sherry Wang, Jimmy Ramirez, Tyler Cassens, Efrén Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1340452, EPI_ISL_1340483, EPI_ISL_1340493, EPI_ISL_1340495, EPI_ISL_1340500, EPI_ISL_1340506, EPI_ISL_1340528, EPI_ISL_1340543, EPI_ISL_1340615, EPI_ISL_1340665, EPI_ISL_1340692, EPI_ISL_1340699, EPI_ISL_1340719, EPI_ISL_1340723, EPI_ISL_1340735, EPI_ISL_1340737	Quest Diagnostics Incorporated	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1340833, EPI_ISL_1340847, EPI_ISL_1340853	Northwestern Memorial Hospital	Northwestern University - Ozer Lab	Ramon Lorenzo-Redondo, Lacy M. Simons, Taylor J. Dean, Chad J. Achenbach, Lawrence J. Jennings, Chao Qi, Michael G. Ison, Judd F. Hultquist, Egon A. Ozer
EPI_ISL_1341195, EPI_ISL_1341202, EPI_ISL_1341230, EPI_ISL_1341241, EPI_ISL_1341353, EPI_ISL_1341368, EPI_ISL_1341371, EPI_ISL_1341388, EPI_ISL_1341407, EPI_ISL_1341461, EPI_ISL_1341498, EPI_ISL_1341511, EPI_ISL_1341524, EPI_ISL_1341541, EPI_ISL_1341558, EPI_ISL_1341580, EPI_ISL_1341587, EPI_ISL_1341636			
see above	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Shah Mohamed Bakhsh, Michelle Lin, Noah Baker, Sean Ellis, Saraswathi Sathees, Meei-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_1341656, EPI_ISL_1341658, EPI_ISL_1341659, EPI_ISL_1341661, EPI_ISL_1341674, EPI_ISL_1341675, EPI_ISL_1341677, EPI_ISL_1341684, EPI_ISL_1341720, EPI_ISL_1346498, EPI_ISL_1346510, EPI_ISL_1346528, EPI_ISL_1346529	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Shah Mohamed Bakhsh, Michelle Lin, Noah R. Baker, Sean Ellis, Saraswathi Sathees, Meei-Li Huang, Keith R Jerome, Alexander Greninger
see above			
EPI_ISL_1349091, EPI_ISL_1349093	DeRisi Lab, University of California, San Francisco	DeRisi Lab, University of California, San Francisco	Sabrina Mann, Anthea Mitchell, Jamin Liu, Sara Sunshine, Matthew Laurie, Genay Pilarowski, Amy Kistler, Manu Vanaershot, Patrick Ayscue, Lucy Li, Eric Chow, IDseq Team, James Peng, Carina Marquez, Luis Rubio, Gabriel Chamie, Diane Jones, Jon Jacobo, Susana Rojas, Susy Rojas, Valerie Tulier-Laiwa, Douglas Black, Jackie Martinez, Maya Petersen, Diane Havlir, and Joseph DeRisi
EPI_ISL_1351451	Centro de InvestigaciÃ³n BiomÃ©dica del Noreste (CIBIN)	Unidad de Genomica Avanzada	Consortio Mexicano de Vigilancia Genomica (CoViGen-Mex). Authors (in alphabetical order): Julio Elias Alvarado-Yaah, Carlos F. Arias, Santiago Avila-Rios, Victor Hugo Borja-Aburto, Celia Boukadida, Juan Bautista Chale-Dzul , Jose Antonio Enciso-Moreno, Gloria Elena Espinoza-Ayala, Fernando Fontove-Herrera, Concepcion Grajales-Muniz, Ricardo Grande, Alfredo Herrera-Estrella, Carla Ivon Herrera-Najera, Pavel Isa, Brenda Irasema Maldonado-Meza, Bernardo Martinez-Miguel, Margarita Matias-Florentino, Maria Guadalupe de Jesus Mireles-Rivera, Gloria Maria Molina-Salinas, Hector Montoya-Fuentes, Jose Esteban Munoz-Medina, Jose de Jesus Nunez-Contreras, Alicia Ocana-Mondragon, Luis Alberto Ochoa-Carrera, Hector Esteban Paz-Juarez, Francisco Pulido, Helen Haydee Fernanda Ramirez-Plascencia, Angel Gustavo Salas-Lais, Jorge Ivan Salinal-Navarez, Alejandro Sanchez-Flores, Clara Esperanza Santacruz-Tinoco, Maria Guadalupe Santiago-Mauricio, Nelly Selem-Mojica, Blanca Taboada, Gloria Vazquez
EPI_ISL_1351503	Unidad de InvestigaciÃ³n MÃ©dica de YucatÃ¡n (UIMY)	Unidad de Genomica Avanzada	Consortio Mexicano de Vigilancia Genomica (CoViGen-Mex). Authors (in alphabetical order): Julio Elias Alvarado-Yaah, Carlos F. Arias, Santiago Avila-Rios, Victor Hugo Borja-Aburto, Celia Boukadida, Juan Bautista Chale-Dzul , Jose Antonio Enciso-Moreno, Gloria Elena Espinoza-Ayala, Fernando Fontove-Herrera, Concepcion Grajales-Muniz, Ricardo Grande, Alfredo Herrera-Estrella, Carla Ivon Herrera-Najera, Pavel Isa, Brenda Irasema Maldonado-Meza, Bernardo Martinez-Miguel, Margarita Matias-Florentino, Maria Guadalupe de Jesus Mireles-Rivera, Gloria Maria Molina-Salinas, Hector Montoya-Fuentes, Jose Esteban Munoz-Medina, Jose de Jesus Nunez-Contreras, Alicia Ocana-Mondragon, Luis Alberto Ochoa-Carrera, Hector Esteban Paz-Juarez, Francisco Pulido, Helen Haydee Fernanda Ramirez-Plascencia, Angel Gustavo Salas-Lais, Jorge Ivan Salinal-Navarez, Alejandro Sanchez-Flores, Clara Esperanza Santacruz-Tinoco, Maria Guadalupe Santiago-Mauricio, Nelly Selem-Mojica, Blanca Taboada, Gloria Vazquez
EPI_ISL_1351514, EPI_ISL_1351549, EPI_ISL_1351605, EPI_ISL_1351700	Centro de InvestigaciÃ³n BiomÃ©dica de Occidente (CIBO)	Unidad de Genomica Avanzada	Consortio Mexicano de Vigilancia Genomica (CoViGen-Mex). Authors (in alphabetical order): Julio Elias Alvarado-Yaah, Carlos F. Arias, Santiago Avila-Rios, Victor Hugo Borja-Aburto, Celia Boukadida, Juan Bautista Chale-Dzul , Jose Antonio Enciso-Moreno, Gloria Elena Espinoza-Ayala, Fernando Fontove-Herrera, Concepcion Grajales-Muniz, Ricardo Grande, Alfredo Herrera-Estrella, Carla Ivon Herrera-Najera, Pavel Isa, Brenda Irasema Maldonado-Meza, Bernardo Martinez-Miguel, Margarita Matias-Florentino, Maria Guadalupe de Jesus Mireles-Rivera, Gloria Maria Molina-Salinas, Hector Montoya-Fuentes, Jose Esteban Munoz-Medina, Jose de Jesus Nunez-Contreras, Alicia Ocana-Mondragon, Luis Alberto Ochoa-Carrera, Hector Esteban Paz-Juarez, Francisco Pulido, Helen Haydee Fernanda Ramirez-Plascencia, Angel Gustavo Salas-Lais, Jorge Ivan Salinal-Navarez, Alejandro Sanchez-Flores, Clara Esperanza Santacruz-Tinoco, Maria Guadalupe Santiago-Mauricio, Nelly Selem-Mojica, Blanca Taboada, Gloria Vazquez
EPI_ISL_1363030	TXDSHS	TXDSHS	Rashmi Tuladhar, Bonnie Oh, Jenny Zhang, Maliha Rahman, Mayela Pedrueza, Anita Pokharel, Loarraine Rodríguez, Myong Koag, Chun Wang, Rachel Lee, Grace Kubin
EPI_ISL_1363231, EPI_ISL_1363479, EPI_ISL_1363506, EPI_ISL_1363542, EPI_ISL_1363556, EPI_ISL_1363581	Sonora Quest Laboratories	TGen North	Jolene Bowers, Heather Centner, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)
EPI_ISL_1363627	TGen North	TGen North	Jolene Bowers, Heather Centner, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)
EPI_ISL_1363633, EPI_ISL_1363651, EPI_ISL_1363686, EPI_ISL_1363741, EPI_ISL_1363747	Sonora Quest Laboratories	TGen North	Jolene Bowers, Heather Centner, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)
EPI_ISL_1363774	Maryland Genomics, Institute for Genome Sciences, University of Maryland School of Medicine	Maryland Genomics, Institute for Genome Sciences, University of Maryland School of Medicine	Tallon, Luke J; Sadzewicz, Lisa D; Humphrys, Mike; Ott, Sandra; Roussey, Holly; Mehta, Aditya; Vavikolanu, Kranthi; Fraser, Claire M; Ravel, Jacques
EPI_ISL_1364433	Nevada State Public Health Laboratory	Nevada State Public Health Laboratory	Andrew Gorzalski, Mark Pandori
EPI_ISL_1364490, EPI_ISL_1364492, EPI_ISL_1364493, EPI_ISL_1364495, EPI_ISL_1364496, EPI_ISL_1364497, EPI_ISL_1364499, EPI_ISL_1364500	Stanford Health Care	Stanford University School of Medicine, Clinical Virology Laboratory	Daniel Solis, Mamdouh Sibai, Fumiko Yamamoto, Malaya K. Sahoo, Michelle Verghese, ChunHong Huang, James Zehnder, and Benjamin A. Pinsky
EPI_ISL_1364627, EPI_ISL_1364629, EPI_ISL_1364631, EPI_ISL_1364639, EPI_ISL_1364655, EPI_ISL_1364680, EPI_ISL_1364688, EPI_ISL_1364690, EPI_ISL_1364714, EPI_ISL_1364720, EPI_ISL_1364724, EPI_ISL_1364725, EPI_ISL_1364729, EPI_ISL_1364740, EPI_ISL_1364747, EPI_ISL_1364752, EPI_ISL_1364766, EPI_ISL_1364770, EPI_ISL_1364771, EPI_ISL_1364785, EPI_ISL_1364792, EPI_ISL_1364810, EPI_ISL_1364814, EPI_ISL_1364816, EPI_ISL_1364822, EPI_ISL_1364841			
see above	Arizona State University	Arizona State University	Peter T. Skidmore, LaRinda A. Holland, Rabia Maqsood, Emily A. Kaelin, Nicholas J. Mellor, Kristina Buss, Joy M. Blain, Neal W Woodbury, Valerie Harris,

			Joshua LaBaer, Vel Murugan, Efrem S. Lim
EPI_ISL_1365367, EPI_ISL_1365402	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1365453, EPI_ISL_1365462, EPI_ISL_1365466, EPI_ISL_1365475, EPI_ISL_1365485, EPI_ISL_1365490, EPI_ISL_1365497, EPI_ISL_1365507, EPI_ISL_1365524, EPI_ISL_1365541, EPI_ISL_1365544, EPI_ISL_1365549, EPI_ISL_1365550, EPI_ISL_1365563, EPI_ISL_1365570, EPI_ISL_1365580, EPI_ISL_1365588, EPI_ISL_1365592, EPI_ISL_1365598, EPI_ISL_1365602, EPI_ISL_1365607, EPI_ISL_1365610, EPI_ISL_1365612, EPI_ISL_1365621, EPI_ISL_1365626			
see above	Arizona State University	Arizona State University	Peter T. Skidmore, LaRinda A. Holland, Rabia Maqsood, Emily A. Kaelin, Nicholas J. Mellor, Kristina Buss, Joy M. Blain, Neal W Woodbury, Valerie Harris, Joshua LaBaer, Vel Murugan, Efrem S. Lim
EPI_ISL_1366103	TXDSHS	TXDSHS	Rashmi Tuladhar, Bonnie Oh, Jenny Zhang, Maliha Rahman, Mayela Pedrueza, Anita Pokharel, Loarraine Rodriguez, Myong Koag, Chun Wang, Rachel Lee, Grace Kubin
EPI_ISL_1366206, EPI_ISL_1366208, EPI_ISL_1366213, EPI_ISL_1366214	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Shah Mohamed Bakhsh, Michelle Lin, Noah R. Baker, Sean Ellis, Saraswathi Sathees, Meei-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_1366276, EPI_ISL_1366279, EPI_ISL_1366283, EPI_ISL_1366286, EPI_ISL_1366290	Sharp HealthCare Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Aaron Harding, Jacquelyn Berumen, Cathy Woerle, Liam McGinnis, Art Mendoza, Omid Bakhtar
EPI_ISL_1366329, EPI_ISL_1366330, EPI_ISL_1366332	Genomica Lab Molecular, Mexico	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Jonathan Gonzalez Garcia, Jose Roman Chavez Mendez, Jose Horacio Reyna Verdugo, Martin Gonzalez Ibarra, Luis Alberto Rangel Gonzalez
EPI_ISL_1366340, EPI_ISL_1366341, EPI_ISL_1366343, EPI_ISL_1366345, EPI_ISL_1366354, EPI_ISL_1366363, EPI_ISL_1366367	Sharp HealthCare Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Aaron Harding, Jacquelyn Berumen, Cathy Woerle, Liam McGinnis, Art Mendoza, Omid Bakhtar
EPI_ISL_1366379, EPI_ISL_1366383, EPI_ISL_1366385, EPI_ISL_1366386, EPI_ISL_1366391, EPI_ISL_1366393, EPI_ISL_1366396, EPI_ISL_1366398, EPI_ISL_1366402, EPI_ISL_1366407, EPI_ISL_1366420, EPI_ISL_1366422			
see above	Scripps Medical Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Michael Quigley, Ellen Stefanski, Ian Mchardy
EPI_ISL_1366433, EPI_ISL_1366438, EPI_ISL_1366442, EPI_ISL_1366448, EPI_ISL_1366449, EPI_ISL_1366450, EPI_ISL_1366453, EPI_ISL_1366458, EPI_ISL_1366460, EPI_ISL_1366461, EPI_ISL_1366465, EPI_ISL_1366469, EPI_ISL_1366470, EPI_ISL_1366473, EPI_ISL_1366478, EPI_ISL_1366479, EPI_ISL_1366481, EPI_ISL_1366494			
see above	Sharp HealthCare Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Aaron Harding, Jacquelyn Berumen, Cathy Woerle, Liam McGinnis, Art Mendoza, Omid Bakhtar
EPI_ISL_1366643	Gundersen Clinical Microbiology Laboratory	Kabara Cancer Research Institute	Craig S. Richmond, Paraic A. Kenny
EPI_ISL_1366704	Idaho Bureau of Laboratories	Idaho Bureau of Laboratories	"R. Beukelman, Matthew Charles Burns, Aimee Ceniseros, Robert L. Voermans, Christopher Ball"
EPI_ISL_1366747	San Diego County Public Health Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Tracy Basler, Jovan Shephard, Brett Austin
EPI_ISL_1367170, EPI_ISL_1367206, EPI_ISL_1367214, EPI_ISL_1367215, EPI_ISL_1367217, EPI_ISL_1367221, EPI_ISL_1367225, EPI_ISL_1367239, EPI_ISL_1367262, EPI_ISL_1367278, EPI_ISL_1367281, EPI_ISL_1367285, EPI_ISL_1367290, EPI_ISL_1367294, EPI_ISL_1367307, EPI_ISL_1367312, EPI_ISL_1367314, EPI_ISL_1367359, EPI_ISL_1367423, EPI_ISL_1367432, EPI_ISL_1367441, EPI_ISL_1367453, EPI_ISL_1367467			
see above	Quest Diagnostics Incorporated	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1367676, EPI_ISL_1367717, EPI_ISL_1367741	Michigan Department of Health and Human Services, Bureau of Laboratories	Michigan Department of Health and Human Services, Bureau of Laboratories	Blankenship HM, Riner D, Soehnen MK
EPI_ISL_1370571, EPI_ISL_1370578, EPI_ISL_1370589, EPI_ISL_1371216, EPI_ISL_1371222, EPI_ISL_1371246, EPI_ISL_1371527, EPI_ISL_1371582	Dutch COVID-19 response team	National Institute for Public Health and the Environment (RIVM)	Adam Meijer, Harry Vennema, Dirk Eggink, Jeroen Cremer, Sharon van den Brink, Bas van der Veer, AnneMarie van den Brandt, Florian Zwagemaker, Dennis Schmitz, Chantal Reusken, on behalf of the national COVID-19 response team
EPI_ISL_1371748	Virginia Division of Consolidated Laboratory Services	Virginia Division of Consolidated Laboratory Services	Virginia DCLS
EPI_ISL_1372104, EPI_ISL_1372127, EPI_ISL_1372170, EPI_ISL_1372229	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1372478	Mayo Clinic & Mayo Clinic Laboratories	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1372481	Vault Health	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1372843	Maine Health and Environmental Testing Laboratory	Tewhey Lab, The Jackson Laboratory	Matluk,N., Dewey,H., Iosue,F., Barter,M., Lynch,R., Munger,H. and Tewhey,R.
EPI_ISL_1373136, EPI_ISL_1373137, EPI_ISL_1373138, EPI_ISL_1373139, EPI_ISL_1373140, EPI_ISL_1373141, EPI_ISL_1373142, EPI_ISL_1373149, EPI_ISL_1373155	Alameda County Public Health Department	Alameda County Public Health Department	Kristna Hsieh, Maria Elma, Kevin Libuit
EPI_ISL_1373560	Vault Health	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1373787, EPI_ISL_1373804	CDPH, Viral and Rickettsial Disease Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Brian Lynch, Anna Kelleher, Krista Queen, Anna Uehara, Peter Cook, Han Jia Justin Ng, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_1374012	MO State Public Health Laboratory	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Yan Li, Jing Zhang, Ying Tao, Brian Lynch, Anna Kelleher, Krista Queen, Anna Uehara, Peter Cook, Han Jia Justin Ng, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_1378644, EPI_ISL_1378645, EPI_ISL_1378672	Nevada State Public Health Laboratory	Nevada State Public Health Laboratory	Andrew Gorzalski, Mark Pandori
EPI_ISL_1378777, EPI_ISL_1378778, EPI_ISL_1378779	Tempus	Grubaugh Lab - Yale School of Public Health	Joseph Fauver, Mallory Breban, Isabell Ott, Tara Alpert, Mary Petrone, Anderson Brito, Chantal Vogels, Annie Watkins, Chaney Kalinich, Jessica Rothman, Matthew J. MacKay, Gaurav Khullar, Jessica Metti, Joel T. Dudley, Megan Nash, Nike Beaubier, Christopher E. Mason, Nathan Grubaugh
EPI_ISL_1379206, EPI_ISL_1379250, EPI_ISL_1379251	NYP-WCM	New York Genome Center	Michael Zody, Andre Corvelo, Dayna M. Oschwald, Samantha Fennessey, Tom Maniatis, Melissa Cushing, Olivier Elemento, Margaret Elizabeth Ross, Chris Mason, Priya Velu, Hanna Rennert, Arryn Crane, Lars F Westblade
EPI_ISL_1379726, EPI_ISL_1379755, EPI_ISL_1379759, EPI_ISL_1379760, EPI_ISL_1379761, EPI_ISL_1379767, EPI_ISL_1379772, EPI_ISL_1379775	Stanford Health Care	Stanford University School of Medicine, Clinical Virology Laboratory	Fumiko Yamamoto, Malaya K. Sahoo, Mamdouh Sibai, Daniel Solis, Michelle Vergese, ChunHong Huang, James Zehnder, and Benjamin A. Pinsky
EPI_ISL_1379779, EPI_ISL_1379780, EPI_ISL_1379781, EPI_ISL_1379784, EPI_ISL_1379792, EPI_ISL_1379793, EPI_ISL_1379802, EPI_ISL_1379806, EPI_ISL_1379807, EPI_ISL_1379809, EPI_ISL_1379811, EPI_ISL_1379812, EPI_ISL_1379813, EPI_ISL_1379814, EPI_ISL_1379816			
see above	Stanford Health Care	Stanford University School of Medicine, Clinical Virology Laboratory	Daniel Solis, Mamdouh Sibai, Fumiko Yamamoto, Malaya K. Sahoo, Michelle Verghese, ChunHong Huang, James Zehnder, and Benjamin A. Pinsky
EPI_ISL_1379817, EPI_ISL_1379818, EPI_ISL_1379819, EPI_ISL_1379822, EPI_ISL_1379823, EPI_ISL_1379831, EPI_ISL_1379836, EPI_ISL_1379837, EPI_ISL_1379838, EPI_ISL_1379839, EPI_ISL_1379843, EPI_ISL_1379852, EPI_ISL_1379858, EPI_ISL_1379862			
see above	Stanford Health Care	Stanford University School of Medicine, Clinical Virology	Mamdouh Sibai, Daniel Solis, Fumiko Yamamoto, Malaya K. Sahoo, Michelle Verghese, ChunHong Huang, James Zehnder, and Benjamin A. Pinsky

EPI_ISL_1379882	Stanford Health Care	Laboratory Stanford University School of Medicine, Clinical Virology Laboratory	Michelle Verghese, ChunHong Huang, Mamdouh Sibai, Daniel Solis, Fumiko Yamamoto, Malaya K. Sahoo, James Zehnder, and Benjamin A. Pinsky
EPI_ISL_1379959, EPI_ISL_1379969, EPI_ISL_1379970	UCLA Clinical Micro Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1381905, EPI_ISL_1382109	Virginia Division of Consolidated Laboratory Services	Virginia Division of Consolidated Laboratory Services	Virginia DCLS
EPI_ISL_1384964, EPI_ISL_1385075, EPI_ISL_1385155, EPI_ISL_1385259, EPI_ISL_1385307	Pandemic Response Lab - NYC	Pandemic Response Lab, R&D	Henry Lee, Michael Hammerling, Melissa Hopkins, Cybill del Castillo, Shinyoung Clair Kang, William Ward, Pradeep Bugga, Sol Rey, Dylan Law, Haiping Hao, Jon Laurent
EPI_ISL_1391417, EPI_ISL_1391430, EPI_ISL_1391446, EPI_ISL_1391470, EPI_ISL_1391502, EPI_ISL_1391525, EPI_ISL_1391576, EPI_ISL_1391578, EPI_ISL_1391582, EPI_ISL_1391592, EPI_ISL_1391606, EPI_ISL_1391608, EPI_ISL_1391638, EPI_ISL_1391652, EPI_ISL_1391653, EPI_ISL_1391656	Quest Diagnostics Incorporated	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1391729, EPI_ISL_1391742, EPI_ISL_1391745, EPI_ISL_1391752, EPI_ISL_1391762, EPI_ISL_1391779, EPI_ISL_1391783, EPI_ISL_1391811, EPI_ISL_1391813, EPI_ISL_1391819, EPI_ISL_1391845, EPI_ISL_1391847, EPI_ISL_1391853, EPI_ISL_1391890, EPI_ISL_1391925, EPI_ISL_1391939, EPI_ISL_1391943, EPI_ISL_1391958, EPI_ISL_1391966, EPI_ISL_1391975, EPI_ISL_1391995	Helix/Illumina	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, Eileen de Feo, Jan Antico, Christine Tran, Matthew Tolentino, Shannon Wickline, Kim Gietzen, Brad Sickler, Jingtao Liu, Eric Allen, Phil Febbo, Summer Galloway, Nicole L. Washington, Simon White, Geraint Levan, Kelly Schiabor Barrett, Elizabeth Cirulli, Alexandre Bolze, Ary Ascencio, Charlotte Rivera-Garcia, Ryan Cho, Jason Nguyen, Sherry Wang, Jimmy Ramirez, Tyler Cassens, Efrén Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1392274, EPI_ISL_1392280, EPI_ISL_1392347, EPI_ISL_1392368, EPI_ISL_1392404, EPI_ISL_1392420, EPI_ISL_1392422	Quest Diagnostics Incorporated	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1392458, EPI_ISL_1392528, EPI_ISL_1392594	Sonora Quest Laboratories	TGen North	*Jolene Bowers, Heather Centner, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)"
EPI_ISL_1394847	IN State Department of Health Laboratory Services	IN State Department of Health Laboratory Services	Cassandra Campion, Jamie Yeadon, Brian Pope, Lixia Liu, Kyle Brownlee, Melissa Hindenlang, Ankita Kashikar, Mark Glazier
EPI_ISL_1395721	MEMORIAL SLOAN KETTERING CANCER CENTER	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1395728	Columbia University Irving Medical Center	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1395775	SUNY UPSTATE MEDICAL UNIVERSITY	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1395786	Laboratorio de Virología del Hospital de Niños Dr. Ricardo Gutierrez	Área de Secuenciación del Laboratorio de Virología del Hospital de Niños Dr. Ricardo Gutierrez on behalf of 'Proyecto Argentino Interinstitucional de genómica de SARS-CoV-2' (PAIS Consortium)	Alexay, S; Thomas, G; Medina, C; Labarta, N; Streitenberger, C; Villegas, E; Barreda Frank, M; Grandis, E; Acevedo, ME; Alvarez Lopez, C; Jacques, O; Mistchenko, A; Nabaes Jodar, M; Goya, S; Lusso, S; Acuña, D; Natale, M; Valinotto, LE; Viegas, M.
EPI_ISL_1397423	SUNY UPSTATE MEDICAL UNIVERSITY	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1397627	NYC Pandemic Response Lab	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1397706	SUNY UPSTATE MEDICAL UNIVERSITY	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1397752, EPI_ISL_1397760	ALBANY MEDICAL CENTER	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1397786	SUNY UPSTATE MEDICAL UNIVERSITY	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1397813	URMC LABS	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1397893	Columbia University Irving Medical Center	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1397908	NORTHWELL HEALTH LABORATORIES	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1397981, EPI_ISL_1398001, EPI_ISL_1398012, EPI_ISL_1398015	URMC LABS	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1398201	Columbia University Irving Medical Center	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1398246	KALEIDA CENTER FOR LABORATORY MEDICINE	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1400386, EPI_ISL_1400391, EPI_ISL_1400407, EPI_ISL_1400421, EPI_ISL_1400440	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Shah Mohamed Bakhsh, Michelle Lin, Noah R. Baker, Sean Ellis, Saraswathi Sathees, Meei-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_1400800	Baylor Esoteric + Molecular Lab	Baylor Esoteric + Molecular Lab	Elizabeth Forrester; Dawn Richards
EPI_ISL_1400954, EPI_ISL_1400955, EPI_ISL_1400956, EPI_ISL_1400957, EPI_ISL_1400969, EPI_ISL_1400984	New Mexico Department of Health Scientific Laboratory	New Mexico Department of Health Scientific Laboratory	Ellie Johnson, Anastacia Griego-Fisher, D'eldra Malone, Jennifer Benoit
EPI_ISL_1401045, EPI_ISL_1401046, EPI_ISL_1401047	Erie County Public Health (ECPHL)	University at Buffalo Genomics and Bioinformatics Core	Jonathan Bard, Natalie Lamb, Alyssa Pohlman, Brandon Marzullo, Amanda Boccolucci, Norma Nowak, Donald Yergeau, Jennifer Surtees
EPI_ISL_1401097, EPI_ISL_1401098	South Dakota Public Health Laboratory	South Dakota Public Health Laboratory	Jacob Garfin and Chris Carlson
EPI_ISL_1402589, EPI_ISL_1402599, EPI_ISL_1402600, EPI_ISL_1402601, EPI_ISL_1402607, EPI_ISL_1402610, EPI_ISL_1402614, EPI_ISL_1402616, EPI_ISL_1402617, EPI_ISL_1402618, EPI_ISL_1402619, EPI_ISL_1402620, EPI_ISL_1402622, EPI_ISL_1402624, EPI_ISL_1402627, EPI_ISL_1402628, EPI_ISL_1402629, EPI_ISL_1402631, EPI_ISL_1402633, EPI_ISL_1402639, EPI_ISL_1402640, EPI_ISL_1402641, EPI_ISL_1402642, EPI_ISL_1402648, EPI_ISL_1402649, EPI_ISL_1402650, EPI_ISL_1402651, EPI_ISL_1402652, EPI_ISL_1402653	UCSC Genomics Institute	UCSC Genomics Institute	Mark Akeson, Ikenna Anigbogu, Eric Beraut, Isabel Bjork, Molly Cassatt-Johnstone, Terren Chang, Russell Corbett-Detig, Namrita Dhillon, Maximilian
see above	UCSC Genomics Institute	UCSC Genomics Institute	Mark Akeson, Ikenna Anigbogu, Eric Beraut, Isabel Bjork, Molly Cassatt-Johnstone, Terren Chang, Russell Corbett-Detig, Namrita Dhillon, Maximilian

Haeussler, David Haussler, Angie Hinrichs, Miten Jain, Joshua Kapp, A. Marm Kilpatrick, Jakob McBroome, Hugh Olsen, Jeremy Sanford, Beth Shapiro, Michael Stone, Bryan Thornlow, Yatish Turakhia			
EPI_ISL_1402743	Vault Health	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1402777	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1403046	Hospital of the University of Pennsylvania Molecular Pathology Lab	Bushman Lab - University of Pennsylvania	John Everett, Kyle Rodino, Shantanu Reddy, Pascha Hokama, Aoife M. Roche, Young Hwang, Abigail Glascock, Scott Sherrill-Mix, Samantha A. Whiteside, Jevon Graham-Wooten, Layla A. Khatib, Ayannah S. Fitzgerald, Arupa Ganguly, Mike Feldman, Brendan Kelly, Ronald G. Collman and Frederic Bushman
EPI_ISL_1403386	Oregon State Public Health Laboratory	Oregon State Public Health Laboratory	Rafia Razzaque, Eugene Yeboah, Vanda Makris, John Fontana and Shane Sevey
EPI_ISL_1403640	University of Wisconsin-Madison AIDS Vaccine Research Laboratories	University of Wisconsin-Madison AIDS Vaccine Research Laboratories	Gage Moreno, Katarina Braun, et al. AIDS Vaccine Research Laboratories
EPI_ISL_1403782, EPI_ISL_1403783	Oregon State Public Health Laboratory	Oregon State Public Health Laboratory	Rafia Razzaque, Eugene Yeboah, Vanda Makris, John Fontana and Shane Sevey
EPI_ISL_1403824	University of Wisconsin-Madison AIDS Vaccine Research Laboratories	University of Wisconsin-Madison AIDS Vaccine Research Laboratories	Gage Moreno, Katarina Braun, et al. AIDS Vaccine Research Laboratories
EPI_ISL_1403868, EPI_ISL_1403874, EPI_ISL_1403876, EPI_ISL_1403884, EPI_ISL_1403888, EPI_ISL_1403893, EPI_ISL_1403894, EPI_ISL_1403895, EPI_ISL_1403914, EPI_ISL_1403915, EPI_ISL_1403962, EPI_ISL_1403991, EPI_ISL_1403995, EPI_ISL_1404021, EPI_ISL_1404061			
see above	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin L. Young, Kelly F. Oakeson, Tara Gallagher
EPI_ISL_1404125, EPI_ISL_1404127	University of Wisconsin-Madison AIDS Vaccine Research Laboratories	University of Wisconsin-Madison AIDS Vaccine Research Laboratories	Gage Moreno, Katarina Braun, et al. AIDS Vaccine Research Laboratories
EPI_ISL_1404130	Oregon State Public Health Laboratory	Oregon State Public Health Laboratory	Rafia Razzaque, Eugene Yeboah, Vanda Makris, John Fontana and Shane Sevey
EPI_ISL_1404271, EPI_ISL_1404299, EPI_ISL_1404320	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_1404594, EPI_ISL_1404601	Nevada State Public Health Laboratory	Nevada State Public Health Laboratory	Andrew Gorzalski, Mark Pandori
EPI_ISL_1404985	Eurofins Diatherix	Hudsonalpha Genome Sequencing Center	Jane Grimwood, Melissa Williams, Lori H. Handley, Joshua Stough, Leslie Malone, Stefan Brzezinski, Ada Stewart, Teresa Jones, Jenell Webber, John Lovell, Jennifer Cart, and Jeremy Schmutz
EPI_ISL_1405069, EPI_ISL_1405137, EPI_ISL_1405208, EPI_ISL_1405214, EPI_ISL_1405215, EPI_ISL_1405278, EPI_ISL_1405304, EPI_ISL_1405312, EPI_ISL_1405321, EPI_ISL_1405327, EPI_ISL_1405356			
see above	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Shah Mohamed Bakhsh, Michelle Lin, Noah R. Baker, Sean Ellis, Saraswathi Sathees, Meei-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_1405602, EPI_ISL_1405604, EPI_ISL_1405608, EPI_ISL_1405609, EPI_ISL_1405614, EPI_ISL_1405616, EPI_ISL_1405617, EPI_ISL_1405618, EPI_ISL_1405619, EPI_ISL_1405624, EPI_ISL_1405630, EPI_ISL_1405632, EPI_ISL_1405640, EPI_ISL_1405644, EPI_ISL_1405647, EPI_ISL_1405649, EPI_ISL_1405656, EPI_ISL_1405657, EPI_ISL_1405660, EPI_ISL_1405662, EPI_ISL_1405667, EPI_ISL_1405669, EPI_ISL_1405676, EPI_ISL_1405678, EPI_ISL_1405679, EPI_ISL_1405817, EPI_ISL_1405828, EPI_ISL_1405832, EPI_ISL_1405833, EPI_ISL_1405835, EPI_ISL_1405840, EPI_ISL_1405842, EPI_ISL_1405845, EPI_ISL_1405851, EPI_ISL_1405853, EPI_ISL_1405856, EPI_ISL_1405857, EPI_ISL_1405862, EPI_ISL_1405865, EPI_ISL_1405866, EPI_ISL_1405867, EPI_ISL_1405873, EPI_ISL_1405877, EPI_ISL_1405880, EPI_ISL_1405882, EPI_ISL_1405886, EPI_ISL_1405887, EPI_ISL_1405894			
see above	UCSC Genomics Institute	UCSC Genomics Institute	Mark Akeson, Ikenna Anigbogu, Eric Beraut, Isabel Bjork, Molly Cassatt-Johnstone, Terren Chang, Russell Corbett-DeGig, Namrita Dhillon, Maximilian Haeussler, David Haussler, Angie Hinrichs, Miten Jain, Joshua Kapp, A. Marm Kilpatrick, Jakob McBroome, Hugh Olsen, Jeremy Sanford, Beth Shapiro, Michael Stone, Bryan Thornlow, Yatish Turakhia
EPI_ISL_1405900, EPI_ISL_1405901	LESP Guanajuato	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Claudia Wong-Arambula, Abril Rodriguez-Maldonado, Vanessa Rivero-Arredondo, Ariadna Medina-Benitez, Joaquin Quiroz-Mercado, Sergio Rangel-Guerrero, Natividad Cruz-Ortiz, Tatiana Nunez-Garcia, Gisela Barrera-Badillo, Lucia Hernandez-Rivas, Irma Lopez-Martinez, Ernesto Ramirez-Gonzalez.
EPI_ISL_1405924	Arizona State University	Arizona State University	Peter T. Skidmore, LaRinda A. Holland, Rabia Maqsood, Emily A. Kaelin, Nicholas J. Mellor, Kristina Buss, Joy M. Blain, Neal W Woodbury, Valerie Harris, Joshua LaBaer, Vel Murugan, Efrim S. Lim
EPI_ISL_1406157, EPI_ISL_1406163, EPI_ISL_1406164, EPI_ISL_1406165, EPI_ISL_1406166, EPI_ISL_1406172, EPI_ISL_1406173, EPI_ISL_1406174, EPI_ISL_1406176	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Department
EPI_ISL_1407377, EPI_ISL_1407402, EPI_ISL_1407406, EPI_ISL_1407428, EPI_ISL_1407431, EPI_ISL_1407441	Rhode Island Department of Health	Infectious Disease Program, Broad Institute of Harvard and MIT	Siddle,K.J., Azevedo,K., Miller,A., Adams,G., Pearlman,L., Gladden-Young,A., Lagerborg,K., Rudy,M., DeRuff,K., Carter,A., Normandin,E., Bauer,M., Reilly,S., Tomkins-Tinch,C., Loreth,C., Chaluvadi,S., Lemieux,J.E., Birren,B.W., Sabeti,P.C., Huard,R., King,E., Park,D.J., and MacInnis,B.L.
EPI_ISL_1413455, EPI_ISL_1413501	Broad Institute Clinical Research Sequencing Platform	Infectious Disease Program, Broad Institute of Harvard and MIT	Siddle,K.J., Adams,G., Pearlman,L., Gladden-Young,A., Vicente,G., Blumenstiel,B., DeFelice,M., Lee,M., McGovern,S., Lagerborg,K., Rudy,M., DeRuff,K., Carter,A., Normandin,E., Bauer,M., Reilly,S., Tomkins-Tinch,C., Loreth,C., Chaluvadi,S., Meldrim,J., Granger,B., Lemieux,J.E., Birren,B.W., Sabeti,P.C., Larkin,K., Dodge,S., Lennon,N., Madoff,L., Brown,C., Gallagher,G., Smole,S., Park,D.J., Gabriel,S., and MacInnis,B.L.
EPI_ISL_1416225	IN State Department of Health Laboratory Services	IN State Department of Health Laboratory Services	Cassandra Campion, Jamie Yeadon, Brian Pope, Lixia Liu, Kyle Brownlee, Melissa Hindenlang, Ankita Kashikar, Mark Glazier
EPI_ISL_1416495, EPI_ISL_1416638	Laboratorio Central de Epidemiología (LCE)	Instituto de Biotecnología de la UNAM	Consortio Mexicano de Vigilancia Genómica (CoViGen-Mex). Authors (in alphabetical order): Julio Elias Alvarado-Yaah, Carlos F. Arias, Santiago Ávila-Ríos, Víctor Hugo Borja-Aburto, Celia Boukadida, Juan Bautista Chale-Dzul , José Antonio Enciso-Moreno, Gloria Elena Espinoza-Ayala, Fernando Fontove-Herrera, Concepción Grajales-Muñiz, Ricardo Grande, Alfredo Herrera-Estrella, Carla Ivón Herrera-Najera, Pavel Isa, Brenda Irasema Maldonado-Meza, Bernardo Martínez-Miguel, Margarita Matías-Florentino, María Guadalupe de Jesús Mireles-Rivera, Gloria María Molina-Salinas, Hector Montoya-Fuentes, José Esteban Muñoz-Medina, José de Jesús Nuñez-Contreras, Alicia Ocaña-Mondragón, Luis Alberto Ochoa-Carrera, Hector Esteban Paz-Juárez, Francisco Pulido, Helen Haydee Fernanda Ramirez-Plascencia, Angel Gustavo Salas-Lais, Jorge Ivan Salinal-Nevarez, Alejandro Sanchez-Flores, Clara Esperanza Santacruz-Tinoco, María Guadalupe Santiago-Mauricio , Nelly Sélem-Mojica, Blanca Taboada , Gloria Vazquez
EPI_ISL_1420825	Montana Public Health Laboratory	Montana Public Health Laboratory	Joy Ritter, Michelle Mozer, Carrie Biskupiak, Deborah Gibson
EPI_ISL_1420988, EPI_ISL_1421068, EPI_ISL_1421073, EPI_ISL_1421079, EPI_ISL_1421080, EPI_ISL_1421089, EPI_ISL_1421095, EPI_ISL_1421171, EPI_ISL_1421373, EPI_ISL_1421389, EPI_ISL_1421507, EPI_ISL_1421618, EPI_ISL_1421671, EPI_ISL_1421672, EPI_ISL_1421675, EPI_ISL_1421715			
see above	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Kelsey R. Florek, Abigail C. Shockey
EPI_ISL_1422218, EPI_ISL_1422221	University of Wisconsin-Madison AIDS Vaccine Research Laboratories	University of Wisconsin-Madison AIDS Vaccine Research Laboratories	Gage Moreno, Katarina Braun, et al. AIDS Vaccine Research Laboratories
EPI_ISL_1422993, EPI_ISL_1422994, EPI_ISL_1422995, EPI_ISL_1422996, EPI_ISL_1422997, EPI_ISL_1422998, EPI_ISL_1423007	Nevada State Public Health Laboratory	Nevada State Public Health Laboratory	Andrew Gorzalski, Mark Pandori
EPI_ISL_1423131	WVU Rapid Development Laboratory	WVU and Marshall University Combined Genomics Core Facilities	"James Denvir, Peter Stoilov, Peter Perrotta, Wesley Kimble, Ryan Percifield"
EPI_ISL_1423383, EPI_ISL_1423402, EPI_ISL_1423404, EPI_ISL_1423497	NYU Langone Health	Departments of Pathology and Medicine, New York University School of Medicine	Adriana Heguy, Dacia Dimartino, Emily Guzman, Christian Marier, Peter Meyn, Sitharam Ramaswami, Gael Westby, Paul Zappile, Yutong Zhang, Paolo Cotzia, Guiqing Wang
EPI_ISL_1423935, EPI_ISL_1423936, EPI_ISL_1423938, EPI_ISL_1423945,	Arizona State University	Arizona State University	Peter T. Skidmore, LaRinda A. Holland, Rabia Maqsood, Emily A. Kaelin, Nicholas J. Mellor, Kristina Buss, Joy M. Blain, Neal W Woodbury, Valerie Harris, Joshua LaBaer, Vel Murugan, Efrim S. Lim



EPI_ISL_1423956, EPI_ISL_1423969, EPI_ISL_1423975			
EPI_ISL_1424082, EPI_ISL_1424090	Stanford Health Care	Stanford University School of Medicine, Clinical Virology Laboratory	Malaya K. Sahoo, Fumiko Yamamoto, Mamdouh Sibai, Daniel Solis, Michelle Verghese, ChunHong Huang, James Zehnder, and Benjamin A. Pinsky
EPI_ISL_1424091, EPI_ISL_1424098	Stanford Health Care	Stanford University School of Medicine, Clinical Virology Laboratory	Fumiko Yamamoto, Malaya K. Sahoo, Mamdouh Sibai, Daniel Solis, Michelle Verghese, ChunHong Huang, James Zehnder, and Benjamin A. Pinsky
EPI_ISL_1424105	Stanford Health Care	Stanford University School of Medicine, Clinical Virology Laboratory	Daniel Solis, Mamdouh Sibai, Fumiko Yamamoto, Becky Jiang, Michelle Verghese, ChunHong Huang, James Zehnder, Malaya K. Sahoo, and Benjamin A. Pinsky
EPI_ISL_1443223	Katherine Shaw Bethea Hospital	Illinois Department of Public Health - Springfield Lab	Bryan Sim, Gordon McCall
EPI_ISL_1443819, EPI_ISL_1443865, EPI_ISL_1443924, EPI_ISL_1443938, EPI_ISL_1443950, EPI_ISL_1443979, EPI_ISL_1444005, EPI_ISL_1444046, EPI_ISL_1444068, EPI_ISL_1444071, EPI_ISL_1444097, EPI_ISL_1444098, EPI_ISL_1444188, EPI_ISL_1444192, EPI_ISL_1444194, EPI_ISL_1444199, EPI_ISL_1444201, EPI_ISL_1444217, EPI_ISL_1444233			
see above	Helix/Illumina	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, Eileen de Feo, Jan Antico, Christine Tran, Matthew Tolentino, Shannon Wickline, Kim Gietzen, Brad Sickler, Jingtao Liu, Eric Allen, Phil Febbo, Summer Galloway, Nicole L. Washington, Simon White, Geraint Levan, Kelly Schiabor Barrett, Elizabeth Cirulli, Alexandre Bolze, Ary Ascencio, Charlotte Rivera-Garcia, Ryan Cho, Jason Nguyen, Sherry Wang, Jimmy Ramirez, Tyler Cassens, Efrén Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1444359, EPI_ISL_1444411, EPI_ISL_1444414, EPI_ISL_1444428, EPI_ISL_1444429, EPI_ISL_1444431, EPI_ISL_1444440, EPI_ISL_1444444, EPI_ISL_1444455, EPI_ISL_1444457, EPI_ISL_1444465, EPI_ISL_1444466, EPI_ISL_1444468, EPI_ISL_1444475, EPI_ISL_1444481, EPI_ISL_1444483, EPI_ISL_1444491, EPI_ISL_1444509, EPI_ISL_1444527, EPI_ISL_1444541, EPI_ISL_1444546, EPI_ISL_1444556, EPI_ISL_1444560, EPI_ISL_1444593, EPI_ISL_1444595, EPI_ISL_1444605, EPI_ISL_1444622, EPI_ISL_1444633, EPI_ISL_1444638, EPI_ISL_1444641, EPI_ISL_1444644, EPI_ISL_1444645, EPI_ISL_1444654, EPI_ISL_1444657, EPI_ISL_1444703, EPI_ISL_1444731			
see above	Quest Diagnostics Incorporated	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Dakota Howard, Dhwani Batra, Peter W. Cook, Kara Moser, Adrian Paskey, Jason Caravas, Benjamin Rambo-Martin, Shatavia Morrison, Christopher Gulvick, Scott Sammons, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacobawan, Clinton R. Paden, Duncan MacCannell
EPI_ISL_1444986, EPI_ISL_1444987, EPI_ISL_1444988, EPI_ISL_1444989, EPI_ISL_1444990, EPI_ISL_1444991, EPI_ISL_1444992, EPI_ISL_1444993, EPI_ISL_1444994, EPI_ISL_1444995, EPI_ISL_1444996, EPI_ISL_1444997, EPI_ISL_1444998, EPI_ISL_1444999, EPI_ISL_1445000, EPI_ISL_1445001, EPI_ISL_1445002, EPI_ISL_1445003, EPI_ISL_1445004, EPI_ISL_1445005, EPI_ISL_1445006, EPI_ISL_1445007			
see above	Erie County Public Health (ECPHL)	University at Buffalo Genomics and Bioinformatics Core	Jonathan Bard, Natalie Lamb, Alyssa Pohlman, Brandon Marzullo, Amanda Boccolucci, Norma Nowak, Donald Yergeau, Jennifer Surtees
EPI_ISL_1445061	Virginia Division of Consolidated Laboratory Services	Virginia Division of Consolidated Laboratory Services	Virginia DCLS
EPI_ISL_1445279, EPI_ISL_1445280, EPI_ISL_1445287, EPI_ISL_1445288, EPI_ISL_1445305, EPI_ISL_1445315, EPI_ISL_1445354, EPI_ISL_1445359, EPI_ISL_1445397, EPI_ISL_1445408, EPI_ISL_1445409, EPI_ISL_1445425, EPI_ISL_1445430, EPI_ISL_1445445, EPI_ISL_1445455, EPI_ISL_1445462, EPI_ISL_1445472, EPI_ISL_1445492, EPI_ISL_1445494, EPI_ISL_1445498, EPI_ISL_1445512, EPI_ISL_1445524, EPI_ISL_1445536, EPI_ISL_1445544, EPI_ISL_1445546, EPI_ISL_1445550, EPI_ISL_1445552, EPI_ISL_1445560, EPI_ISL_1445566, EPI_ISL_1445593, EPI_ISL_1445594, EPI_ISL_1445595, EPI_ISL_1445642, EPI_ISL_1445648, EPI_ISL_1445649, EPI_ISL_1445657, EPI_ISL_1445658, EPI_ISL_1445673, EPI_ISL_1445674, EPI_ISL_1445675, EPI_ISL_1445685, EPI_ISL_1445703, EPI_ISL_1445712, EPI_ISL_1445713, EPI_ISL_1445720, EPI_ISL_1445731, EPI_ISL_1445769, EPI_ISL_1445772, EPI_ISL_1445775, EPI_ISL_1445776, EPI_ISL_1445786, EPI_ISL_1445801, EPI_ISL_1445803, EPI_ISL_1445809, EPI_ISL_1445819, EPI_ISL_1445820, EPI_ISL_1445821, EPI_ISL_1445822, EPI_ISL_1445858, EPI_ISL_1445862, EPI_ISL_1445866, EPI_ISL_1445876, EPI_ISL_1445879, EPI_ISL_1445889, EPI_ISL_1445904, EPI_ISL_1445913, EPI_ISL_1445941, EPI_ISL_1445945, EPI_ISL_1445946, EPI_ISL_1445955, EPI_ISL_1445962, EPI_ISL_1445971, EPI_ISL_1445973, EPI_ISL_1446011, EPI_ISL_1446032			
see above	Aegis Sciences Corporation	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Dakota Howard, Dhwani Batra, Peter W. Cook, Kara Moser, Adrian Paskey, Jason Caravas, Benjamin Rambo-Martin, Shatavia Morrison, Christopher Gulvick, Scott Sammons, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Cyndi Clark, Patrick Campbell, Rob Case, Vikramsinha Ghorpade, Holly Houdeshell, Ola Kvalvaag, Dillon Nall, Ethan Sanders, Alec Vest, Shaun Westlund, Matthew Hardison, Clinton R. Paden, Duncan MacCannell
EPI_ISL_1446043	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_1446044	Aegis Sciences Corporation	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Dakota Howard, Dhwani Batra, Peter W. Cook, Kara Moser, Adrian Paskey, Jason Caravas, Benjamin Rambo-Martin, Shatavia Morrison, Christopher Gulvick, Scott Sammons, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Cyndi Clark, Patrick Campbell, Rob Case, Vikramsinha Ghorpade, Holly Houdeshell, Ola Kvalvaag, Dillon Nall, Ethan Sanders, Alec Vest, Shaun Westlund, Matthew Hardison, Clinton R. Paden, Duncan MacCannell
EPI_ISL_1446045, EPI_ISL_1446046	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_1446066, EPI_ISL_1446081, EPI_ISL_1446082, EPI_ISL_1446083, EPI_ISL_1446084, EPI_ISL_1446107, EPI_ISL_1446122, EPI_ISL_1446135, EPI_ISL_1446137, EPI_ISL_1446142, EPI_ISL_1446192			
see above	Aegis Sciences Corporation	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Dakota Howard, Dhwani Batra, Peter W. Cook, Kara Moser, Adrian Paskey, Jason Caravas, Benjamin Rambo-Martin, Shatavia Morrison, Christopher Gulvick, Scott Sammons, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Cyndi Clark, Patrick Campbell, Rob Case, Vikramsinha Ghorpade, Holly Houdeshell, Ola Kvalvaag, Dillon Nall, Ethan Sanders, Alec Vest, Shaun Westlund, Matthew Hardison, Clinton R. Paden, Duncan MacCannell
EPI_ISL_1446199, EPI_ISL_1446317	Texas Children's Hospital	Texas Children's Microbiome Center	Ruth Ann Luna, Jennifer K. Spinler, James Dunn, James Versalovic, Ila Singh
EPI_ISL_1446386	"NM Dept. Health, Scientific Laboratory Division "	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Mili Sheth, Sarah Nobles, Jasmine Padilla, Mark Burroughs, Shoshona Le, Katie Dillon, Peter Cook, Clinton R. Paden, Dhwani Batra, Krista Queen, Kristen Knipe, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee
EPI_ISL_1446412	NJ Public Health and Environmental Laboratories	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Mili Sheth, Sarah Nobles, Jasmine Padilla, Mark Burroughs, Shoshona Le, Katie Dillon, Peter Cook, Clinton R. Paden, Dhwani Batra, Krista Queen, Kristen Knipe, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee
EPI_ISL_1446427	WY Public Health Laboratory	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Mili Sheth, Sarah Nobles, Jasmine Padilla, Mark Burroughs, Shoshona Le, Katie Dillon, Peter Cook, Clinton R. Paden, Dhwani Batra, Krista Queen, Kristen Knipe, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee
EPI_ISL_1446436, EPI_ISL_1446444	NJ Public Health and Environmental Laboratories	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Mili Sheth, Sarah Nobles, Jasmine Padilla, Mark Burroughs, Shoshona Le, Katie Dillon, Peter Cook, Clinton R. Paden, Dhwani Batra, Krista Queen, Kristen Knipe, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee
EPI_ISL_1446453	MT Public Health Laboratory	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Mili Sheth, Sarah Nobles, Jasmine Padilla, Mark Burroughs, Shoshona Le, Katie Dillon, Peter Cook, Clinton R. Paden, Dhwani Batra, Krista Queen, Kristen Knipe, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee
EPI_ISL_1446459	"AR Dept. of Health-PHL, Molecular Diagnostics"	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Mili Sheth, Sarah Nobles, Jasmine Padilla, Mark Burroughs, Shoshona Le, Katie Dillon, Peter Cook, Clinton R. Paden, Dhwani Batra, Krista Queen, Kristen Knipe, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee
EPI_ISL_1446581	UT-Unified State Labs: Public Health Utah DOH	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Mili Sheth, Sarah Nobles, Jasmine Padilla, Mark Burroughs, Shoshona Le, Katie Dillon, Peter Cook, Clinton R. Paden, Dhwani Batra, Krista Queen, Kristen Knipe, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee
EPI_ISL_1446610, EPI_ISL_1446611	DE Public Health Laboratory	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Mili Sheth, Sarah Nobles, Jasmine Padilla, Mark Burroughs, Shoshona Le, Katie Dillon, Peter Cook, Clinton R. Paden, Dhwani Batra, Krista Queen, Kristen Knipe, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee
EPI_ISL_1446632	"NM Dept. Health, Scientific Laboratory Division "	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Mili Sheth, Sarah Nobles, Jasmine Padilla, Mark Burroughs, Shoshona Le, Katie Dillon, Peter Cook, Clinton R. Paden, Dhwani Batra, Krista Queen, Kristen Knipe, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee
EPI_ISL_1446648	"TX DSHS, Lab Services Section MC 1947"	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Mili Sheth, Sarah Nobles, Jasmine Padilla, Mark Burroughs, Shoshona Le, Katie Dillon, Peter Cook, Clinton R. Paden, Dhwani Batra, Krista Queen, Kristen Knipe, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee

			Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee
EPI_ISL_1446691	MT Public Health Laboratory	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Mili Sheth, Sarah Nobles, Jasmine Padilla, Mark Burroughs, Shoshona Le, Katie Dillon, Peter Cook, Clinton R. Paden, Dhvani Batra, Krista Queen, Kristen Knipe, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee
EPI_ISL_1446765	OR State PHL-Virology/Immunology Section	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Mili Sheth, Sarah Nobles, Jasmine Padilla, Mark Burroughs, Shoshona Le, Katie Dillon, Peter Cook, Clinton R. Paden, Dhvani Batra, Krista Queen, Kristen Knipe, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee
EPI_ISL_1446772	MS Public Health Laboratory	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Mili Sheth, Sarah Nobles, Jasmine Padilla, Mark Burroughs, Shoshona Le, Katie Dillon, Peter Cook, Clinton R. Paden, Dhvani Batra, Krista Queen, Kristen Knipe, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee
EPI_ISL_1446773, EPI_ISL_1446775, EPI_ISL_1446781, EPI_ISL_1446784, EPI_ISL_1446785, EPI_ISL_1446789, EPI_ISL_1446791, EPI_ISL_1446798, EPI_ISL_1446799	"CDPH, Viral and Rickettsial Disease Laboratory"	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Mili Sheth, Sarah Nobles, Jasmine Padilla, Mark Burroughs, Shoshona Le, Katie Dillon, Peter Cook, Clinton R. Paden, Dhvani Batra, Krista Queen, Kristen Knipe, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee
EPI_ISL_1446827	NE Public Health Laboratory	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Mili Sheth, Sarah Nobles, Jasmine Padilla, Mark Burroughs, Shoshona Le, Katie Dillon, Peter Cook, Clinton R. Paden, Dhvani Batra, Krista Queen, Kristen Knipe, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee
EPI_ISL_1446840, EPI_ISL_1446841, EPI_ISL_1446842	"CDPH, Viral and Rickettsial Disease Laboratory"	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Mili Sheth, Sarah Nobles, Jasmine Padilla, Mark Burroughs, Shoshona Le, Katie Dillon, Peter Cook, Clinton R. Paden, Dhvani Batra, Krista Queen, Kristen Knipe, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee
EPI_ISL_1446877	GA Department of Public Health Laboratory	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Mili Sheth, Sarah Nobles, Jasmine Padilla, Mark Burroughs, Shoshona Le, Katie Dillon, Peter Cook, Clinton R. Paden, Dhvani Batra, Krista Queen, Kristen Knipe, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee
EPI_ISL_1447074	Kansas Health and Environmental Lab	Kansas Health and Environmental Lab	Mike Grose, Jonathan Barnell, Ben Olsen, and Phil Adam
EPI_ISL_1447529	Yale Clinical Virology Lab	Grubgauch Lab - Yale School of Public Health	Joseph Fauver, Mallery Breban, Isabel Ott, Tara Alpert, Mary Petrone, Anderson Brito, Chantal Vogels, Annie Watkins, Chaney Kalinich, Jessica Rothman, Marie L. Landry, Nathan Grubgauch
EPI_ISL_1448081, EPI_ISL_1448084, EPI_ISL_1448115, EPI_ISL_1448136, EPI_ISL_1448151, EPI_ISL_1448158, EPI_ISL_1448190, EPI_ISL_1448202, EPI_ISL_1448207, EPI_ISL_1448211, EPI_ISL_1448218, EPI_ISL_1448250, EPI_ISL_1448263, EPI_ISL_1448270, EPI_ISL_1448271, EPI_ISL_1448289, EPI_ISL_1448296, EPI_ISL_1448326, EPI_ISL_1448348, EPI_ISL_1448358, EPI_ISL_1448369, EPI_ISL_1448376, EPI_ISL_1448379, EPI_ISL_1448391			
see above	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Shah Mohamed Bakhsh, Michelle Lin, Noah R. Baker, Sean Ellis, Saraswathi Sathees, Meei-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_1457555, EPI_ISL_1457556, EPI_ISL_1457557, EPI_ISL_1457558, EPI_ISL_1457559, EPI_ISL_1457560, EPI_ISL_1457709, EPI_ISL_1457710	Dutch COVID-19 response team	National Institute for Public Health and the Environment (RIVM)	Adam Meijer, Harry Vennema, Dirk Eggink, Jeroen Cremer, Sharon van den Brink, Bas van der Veer, AnneMarie van den Brandt, Lisa Wijsman, Kim Fieriks, Rynne Jaarsma, Eunice Then, Jolienke Hardeema, Lynn Aarts, Sanne Bos, Melissa van Tuij, Robert Kohl, Linda van de Nes, Sjoerd Kuiling, James Groot, Florian Zwagemaker, Dennis Schmitz, Annelies Kroneman, Karim Hajji, Chantal Reusken, on behalf of the national COVID-19 response team
EPI_ISL_1457795, EPI_ISL_1457796, EPI_ISL_1457797, EPI_ISL_1457798, EPI_ISL_1457801, EPI_ISL_1457804, EPI_ISL_1457805, EPI_ISL_1457850, EPI_ISL_1457851, EPI_ISL_1457857, EPI_ISL_1457858, EPI_ISL_1457859, EPI_ISL_1457869, EPI_ISL_1457871, EPI_ISL_1457875, EPI_ISL_1457876, EPI_ISL_1457877, EPI_ISL_1457878, EPI_ISL_1457889, EPI_ISL_1457891, EPI_ISL_1457895, EPI_ISL_1457900, EPI_ISL_1457904, EPI_ISL_1457920, EPI_ISL_1457926, EPI_ISL_1457928, EPI_ISL_1457932, EPI_ISL_1457935, EPI_ISL_1457936, EPI_ISL_1457939, EPI_ISL_1457945, EPI_ISL_1457950, EPI_ISL_1457952, EPI_ISL_1457956, EPI_ISL_1457960, EPI_ISL_1457962, EPI_ISL_1457964, EPI_ISL_1457965, EPI_ISL_1457982, EPI_ISL_1457983, EPI_ISL_1457985, EPI_ISL_1457990, EPI_ISL_1457993, EPI_ISL_1458002, EPI_ISL_1458005, EPI_ISL_1458009, EPI_ISL_1458028, EPI_ISL_1458032, EPI_ISL_1458035, EPI_ISL_1458036, EPI_ISL_1458037, EPI_ISL_1458041, EPI_ISL_1458050, EPI_ISL_1458051, EPI_ISL_1458059, EPI_ISL_1458065, EPI_ISL_1458067, EPI_ISL_1458075, 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see above	Fulgent Genetics	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Dakota Howard, Dhvani Batra, Peter W. Cook, Kara Moser, Adrian Paskey, Jason Caravas, Benjamin Rambo-Martin, Shatavia Morrison, Christopher Gulvick, Scott Sammons, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Harry Gao, Mickey Li, John Gao, Joseph Fierro, Benafsh Sapra, Becky Tsai, Yan Meng, Doreen Ng, James Xie, Clinton R. Paden, Duncan MacCannell
EPI_ISL_1460730, EPI_ISL_1460734, EPI_ISL_1460738, EPI_ISL_1460752, EPI_ISL_1460761, EPI_ISL_1460763, EPI_ISL_1460765, EPI_ISL_1460766, EPI_ISL_1460769, EPI_ISL_1460774, EPI_ISL_1460776, EPI_ISL_1460777, EPI_ISL_1460782			
see above	Quest Diagnostics Incorporated	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Dakota Howard, Dhvani Batra, Peter W. Cook, Kara Moser, Adrian Paskey, Jason Caravas, Benjamin Rambo-Martin, Shatavia Morrison, Christopher Gulvick, Scott Sammons, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Duncan MacCannell
EPI_ISL_1460802, EPI_ISL_1460807, EPI_ISL_1460817, EPI_ISL_1460843, EPI_ISL_1460866, EPI_ISL_1460875, EPI_ISL_1460895, EPI_ISL_1460899, EPI_ISL_1460900, EPI_ISL_1460908, EPI_ISL_1460909, EPI_ISL_1460965, EPI_ISL_1460992			
see above	Helix/Illumina	Centers for Disease Control and Prevention Division of Viral	Dakota Howard, Dhvani Batra, Peter W. Cook, Kara Moser, Adrian Paskey, Jason Caravas, Benjamin Rambo-Martin, Shatavia Morrison, Christopher

		Diseases, Pathogen Discovery	Gulvick, Scott Sammons, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Eileen de Feo, Jan Antico, Christine Tran, Matthew Tolentino, Shannon Wickline, Kim Gietzen, Brad Sickler, Jingtao Liu, Eric Allen, Phil Febbo, Nicole L. Washington, Simon White, Geraint Levan, Kelly Schiabor Barrett, Elizabeth Cirulli, Alexandre Bolze, Ary Ascencio, Charlotte Rivera-Garcia, Ryan Cho, Jason Nguyen, Sherry Wang, Jimmy Ramirez, Tyler Cassens, Eflen Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Duncan MacCannell
EPI_ISL_1461311	SUNY UPSTATE MEDICAL UNIVERSITY	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russell, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Catharine Prussing, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1461370	TEMPUS LABS INC	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russell, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Catharine Prussing, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1462221, EPI_ISL_1462272, EPI_ISL_1462305, EPI_ISL_1462307, EPI_ISL_1462315, EPI_ISL_1462335, EPI_ISL_1462343, EPI_ISL_1462388, EPI_ISL_1462412, EPI_ISL_1462421, EPI_ISL_1462431, EPI_ISL_1462473	see above	Laboratory Corporation of America	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery
EPI_ISL_1462524, EPI_ISL_1462530	URMC LABS	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russell, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Catharine Prussing, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1462543, EPI_ISL_1462545, EPI_ISL_1462548	SUNY UPSTATE MEDICAL UNIVERSITY	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russell, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Catharine Prussing, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1462555	WESTCHESTER MEDICAL CENTER	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russell, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Catharine Prussing, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1462557	Laboratory Corporation of America	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Dakota Howard, Dhvani Batra, Peter W. Cook, Kara Moser, Adrian Paskey, Jason Caravas, Benjamin Rambo-Martin, Shatavia Morrison, Christopher Gulvick, Scott Sammons, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Minoo Agarwal, Eyad Almasri, Debbie Boles, Ayla Burns, Nuthawin Charoensri, Oren Cohen, Susan Countryman, Mary Ann Cristobal, Bobbi Croy, Suzanne Dale, Hrushikesh Deshmukh, Amanda Douglas, Vincent Drouillon, Marcia Eisenberg, Howard Engler, Rama Ghatti, Prashant Gupta, Susan Hicks, Jake Humphrey, Lax Iyer, Manoj Jain, Mohan Kolli, Brian Krueger, Tim Kuphal, Stanley Letovsky, Michael Levandoski, Craig Lukasik, Jonathan Meltzer, Brian Norvell, Mindy Nye, Scott Parker, Christos Petropoulos, John Pruitt, Steven Ragan, Scott Ryan, Mike Sapeta, Jana Schroth, Suresh Babu Selvaraju, Goran Stevovic, Amanda Suchanek, Andrea Throop, Lyndon Tilson, Thomas Urban, Joe Voshell, Kimberly Wagner, Jonathan Williams, Mary Williamson, Qian Zeng, Tricia Zwiefelhofer, Clinton R. Paden, Duncan MacCannell
EPI_ISL_1462601	NORTHWELL HEALTH LABORATORIES	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russell, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Catharine Prussing, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1462608	Laboratory Corporation of America	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Dakota Howard, Dhvani Batra, Peter W. Cook, Kara Moser, Adrian Paskey, Jason Caravas, Benjamin Rambo-Martin, Shatavia Morrison, Christopher Gulvick, Scott Sammons, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Minoo Agarwal, Eyad Almasri, Debbie Boles, Ayla Burns, Nuthawin Charoensri, Oren Cohen, Susan Countryman, Mary Ann Cristobal, Bobbi Croy, Suzanne Dale, Hrushikesh Deshmukh, Amanda Douglas, Vincent Drouillon, Marcia Eisenberg, Howard Engler, Rama Ghatti, Prashant Gupta, Susan Hicks, Jake Humphrey, Lax Iyer, Manoj Jain, Mohan Kolli, Brian Krueger, Tim Kuphal, Stanley Letovsky, Michael Levandoski, Craig Lukasik, Jonathan Meltzer, Brian Norvell, Mindy Nye, Scott Parker, Christos Petropoulos, John Pruitt, Steven Ragan, Scott Ryan, Mike Sapeta, Jana Schroth, Suresh Babu Selvaraju, Goran Stevovic, Amanda Suchanek, Andrea Throop, Lyndon Tilson, Thomas Urban, Joe Voshell, Kimberly Wagner, Jonathan Williams, Mary Williamson, Qian Zeng, Tricia Zwiefelhofer, Clinton R. Paden, Duncan MacCannell
EPI_ISL_1462623	NORTHWELL HEALTH LABORATORIES	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russell, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Catharine Prussing, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1462636, EPI_ISL_1462640, EPI_ISL_1462641, EPI_ISL_1462660, EPI_ISL_1462678, EPI_ISL_1462685, EPI_ISL_1462693, EPI_ISL_1462703, EPI_ISL_1462712, EPI_ISL_1462760	Laboratory Corporation of America	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Dakota Howard, Dhvani Batra, Peter W. Cook, Kara Moser, Adrian Paskey, Jason Caravas, Benjamin Rambo-Martin, Shatavia Morrison, Christopher Gulvick, Scott Sammons, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Minoo Agarwal, Eyad Almasri, Debbie Boles, Ayla Burns, Nuthawin Charoensri, Oren Cohen, Susan Countryman, Mary Ann Cristobal, Bobbi Croy, Suzanne Dale, Hrushikesh Deshmukh, Amanda Douglas, Vincent Drouillon, Marcia Eisenberg, Howard Engler, Rama Ghatti, Prashant Gupta, Susan Hicks, Jake Humphrey, Lax Iyer, Manoj Jain, Mohan Kolli, Brian Krueger, Tim Kuphal, Stanley Letovsky, Michael Levandoski, Craig Lukasik, Jonathan Meltzer, Brian Norvell, Mindy Nye, Scott Parker, Christos Petropoulos, John Pruitt, Steven Ragan, Scott Ryan, Mike Sapeta, Jana Schroth, Suresh Babu Selvaraju, Goran Stevovic, Amanda Suchanek, Andrea Throop, Lyndon Tilson, Thomas Urban, Joe Voshell, Kimberly Wagner, Jonathan Williams, Mary Williamson, Qian Zeng, Tricia Zwiefelhofer, Clinton R. Paden, Duncan MacCannell
EPI_ISL_1463973	Labor Dr. Fenner und Kollegen	Heinrich Pette Institute, Leibniz Institute for Experimental Virology	Alexis Robitaille, Thomas Günther, Johannes Knobloch, Martin Aepfelbacher, Nicole Fischer, Adam Grundhoff
EPI_ISL_730092, EPI_ISL_730345, EPI_ISL_730353	San Diego County Public Health Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Tracy Basler, Jovan Shephard, Brett Austin
EPI_ISL_738508, EPI_ISL_738595, EPI_ISL_738701, EPI_ISL_738702, EPI_ISL_738750, EPI_ISL_738764	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_738830	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_738894, EPI_ISL_739005, EPI_ISL_739012, EPI_ISL_739053, EPI_ISL_739060, EPI_ISL_739087, EPI_ISL_739098, EPI_ISL_739146, EPI_ISL_739152, EPI_ISL_739187, EPI_ISL_739214, EPI_ISL_739415, EPI_ISL_739456, EPI_ISL_739512, EPI_ISL_739543, EPI_ISL_739642	see above	Santa Clara County Public Health Laboratory	CZB Cliahub Consortium
EPI_ISL_753359, EPI_ISL_753403, EPI_ISL_753479, EPI_ISL_753480, EPI_ISL_753482, EPI_ISL_753536, EPI_ISL_753545, EPI_ISL_753554, EPI_ISL_753607, EPI_ISL_753645	Clinical virology Laboratory, Children's Hospital Los Angeles	Center for Personalized Medicine, Children's Hospital Los Angeles	Gai et al
EPI_ISL_754126	USC Clinical Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_755157, EPI_ISL_755182, EPI_ISL_755187, EPI_ISL_755199, EPI_ISL_755227, EPI_ISL_755230	UCSD EXCITE lab	Andersen lab at Scripps Research	SEARCH Alliance San Diego
EPI_ISL_756209, EPI_ISL_756213	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Meei-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_767633	MEMORIAL SLOAN KETTERING CANCER CENTER	Wadsworth Center, New York State Department.of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_768715	Pathogen Genomics Center, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_770442, EPI_ISL_770486	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Bailey Bowcutt, and Wanda Manley
EPI_ISL_776723	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Meei-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_779215	Pathogen Genomics Center, National Institute of Infectious	Pathogen Genomics Center, National Institute of Infectious	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda

	Diseases	Diseases	
EPI_ISL_779401	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_791473	Johns Hopkins Hospital Department of Pathology	Johns Hopkins Hospital Department of Pathology	C. Paul Morris, Chun Huai Luo, Adannaya Amadi, Nicholas Gallagher, Heba H. Mostafa
EPI_ISL_792661, EPI_ISL_792662, EPI_ISL_792672	Los Angeles County PHL	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_802998, EPI_ISL_803002, EPI_ISL_803005, EPI_ISL_803007, EPI_ISL_803010, EPI_ISL_803011, EPI_ISL_803034, EPI_ISL_803048, EPI_ISL_803049, EPI_ISL_803059, EPI_ISL_803061, EPI_ISL_803076, EPI_ISL_803079, EPI_ISL_803080, EPI_ISL_803088			
see above	Quest Diagnostics	Quest Diagnostics	Rosenthal,S.H., Gerasimova,A., Kagan,R.M., Anderson, B., Livingston, K.E., Hua, M., Liu Y., Shalhout, D.F., Owen, R., Lacbawan, F.
EPI_ISL_812390	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin L. Young, Kelly F. Oakeson, Tara Gallagher
EPI_ISL_819206, EPI_ISL_819207, EPI_ISL_819208, EPI_ISL_819209, EPI_ISL_819213, EPI_ISL_819215, EPI_ISL_819236, EPI_ISL_819239, EPI_ISL_819268	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Bailey Bowcutt, and Wanda Manley
EPI_ISL_823956	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_824400, EPI_ISL_824406	California Department of Public Health	California Department of Public Health	CDPH IDLB COVIDNet
EPI_ISL_824566, EPI_ISL_824572, EPI_ISL_824576, EPI_ISL_824620, EPI_ISL_824639, EPI_ISL_824642, EPI_ISL_824674, EPI_ISL_824678, EPI_ISL_824720	Cedars-Sinai Medical Center, Department of Pathology & Laboratory Medicine, Molecular Pathology Laboratory	Cedars-Sinai Medical Center, Molecular Pathology Laboratory of Department of Pathology & Laboratory Medicine and Genomic Core	Wenjuan Zhang, Brian Davis, Stephanie Chen, Jorge Mario Sincuir Martinez, Jasmine T Plummer, Eric Vail
EPI_ISL_826314, EPI_ISL_826316	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Bailey Bowcutt, and Wanda Manley
EPI_ISL_830244	Wadsworth Center, New York State Department of Health	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_830574	NORTHWELL HEALTH LABORATORIES	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_831531, EPI_ISL_831588	University of Wisconsin-Madison AIDS Vaccine Research Laboratories	University of Wisconsin-Madison AIDS Vaccine Research Laboratories	Gage Moreno, Katarina Braun, et al. AIDS Vaccine Research Laboratories
EPI_ISL_831885	United States Air Force School of Aerospace Medicine	United States Air Force School of Aerospace Medicine	Anthony Fries, Jennifer Meyer, William Gruner, Amanda Javorina, Sarah Purves, Clarise Starr, Elizabeth Macias
EPI_ISL_831924	New Mexico Department of Health Scientific Laboratory	New Mexico Department of Health Scientific Laboratory	Ellie Johnson, Anastacia Griego-Fisher, D'eldra Malone
EPI_ISL_832057	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Bailey Bowcutt, and Wanda Manley
EPI_ISL_832299	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832404	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Department
EPI_ISL_832827	Maine HETL	Tewhey Lab, The Jackson Laboratory	Matluk,N., Dewey,H., Isoue,F., Barter,M., Lynch,R., Munger,H. and Tewhey,R.
EPI_ISL_833422	MD Laboratories	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_833428	UCLA Clinical Micro Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_837523	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Meei-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_837829, EPI_ISL_842623, EPI_ISL_842625, EPI_ISL_842626, EPI_ISL_842630	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Bailey Bowcutt, and Wanda Manley
EPI_ISL_844795, EPI_ISL_844796	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen Lab, Department of Chemistry and Bioscience, Aalborg University, Denmark	Danish Covid-19 Genome Consortium
EPI_ISL_847568, EPI_ISL_847569, EPI_ISL_847572, EPI_ISL_847578, EPI_ISL_847594, EPI_ISL_847599, EPI_ISL_847610, EPI_ISL_847613, EPI_ISL_847615, EPI_ISL_847616, EPI_ISL_847618			
see above	California Department of Public Health	Chiu Laboratory, University of California, San Francisco	Charles Chiu, Xianding (Wayne) Deng, Candace Wang, Brian Bushnell, Scot Federman, Jill Hacker, Debra Wadford
EPI_ISL_847619, EPI_ISL_847620	Chiu Laboratory, University of California, San Francisco	Chiu Laboratory, University of California, San Francisco	Charles Chiu, Xianding (Wayne) Deng, Candace Wang, Brian Bushnell, Scot Federman, Jill Hacker, Debra Wadford
EPI_ISL_847627, EPI_ISL_847650, EPI_ISL_847721, EPI_ISL_847765, EPI_ISL_847768, EPI_ISL_847785	California Department of Public Health	Chiu Laboratory, University of California, San Francisco	Charles Chiu, Xianding (Wayne) Deng, Candace Wang, Brian Bushnell, Scot Federman, Jill Hacker, Debra Wadford
EPI_ISL_849925, EPI_ISL_849926, EPI_ISL_849927	UCSF Clinical Microbiology Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_849991, EPI_ISL_850007	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_850023, EPI_ISL_850044, EPI_ISL_850092, EPI_ISL_850093, EPI_ISL_850099, EPI_ISL_850102, EPI_ISL_850120, EPI_ISL_850132, EPI_ISL_850152, EPI_ISL_850157	Renegade	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_850517, EPI_ISL_850519	Helix/Illumina	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dhwanj Batra, Ben L. Rambo-Martin Eileen de Feo, Jan Antico, Christine Tran, Matthew Tolentino, Shannon Wickline, Kim Gietzen, Brad Sickler, Jingtao Liu, Eric Allen, Phil Febbo, Summer Galloway, Nicole L. Washington, Simon White, Geraint Levan, Kelly Schiabor Barrett, Elizabeth Cirulli, Alexandre Bolze, Ary Ascencio, Charlotte Rivera-Garcia, Ryan Cho, Jason Nguyen, Sherry Wang, Jimmy Ramirez, Tyler Cassens, Efrén Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suixiang Tong, Duncan MacCannell
EPI_ISL_850702, EPI_ISL_850723, EPI_ISL_850811, EPI_ISL_850812, EPI_ISL_850828	Helix / Illumina	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dhwanj Batra, Ben L. Rambo-Martin Eileen de Feo, Jan Antico, Christine Tran, Matthew Tolentino, Shannon Wickline, Kim Gietzen, Brad Sickler, Jingtao Liu, Eric Allen, Phil Febbo, Summer Galloway, Nicole L. Washington, Simon White, Geraint Levan, Kelly Schiabor Barrett, Elizabeth Cirulli, Alexandre Bolze, Ary Ascencio, Charlotte Rivera-Garcia, Ryan Cho, Jason Nguyen, Sherry Wang, Jimmy Ramirez, Tyler Cassens, Efrén Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suixiang Tong, Duncan MacCannell
EPI_ISL_850956, EPI_ISL_850984, EPI_ISL_851000, EPI_ISL_851002	Helix/Illumina	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dhwanj Batra, Ben L. Rambo-Martin Eileen de Feo, Jan Antico, Christine Tran, Matthew Tolentino, Shannon Wickline, Kim Gietzen, Brad Sickler, Jingtao Liu, Eric Allen, Phil Febbo, Summer Galloway, Nicole L. Washington, Simon White, Geraint Levan, Kelly Schiabor Barrett, Elizabeth Cirulli, Alexandre Bolze, Ary Ascencio, Charlotte Rivera-Garcia, Ryan Cho, Jason Nguyen, Sherry Wang, Jimmy Ramirez, Tyler Cassens, Efrén Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suixiang Tong, Duncan MacCannell
EPI_ISL_853417, EPI_ISL_853421, EPI_ISL_853425, EPI_ISL_853513,	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium

EPI_ISL_853520, EPI_ISL_853521, EPI_ISL_853530, EPI_ISL_853536, EPI_ISL_853540, EPI_ISL_853543			
EPI_ISL_853661	NORTHWELL HEALTH LABORATORIES	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_854812, EPI_ISL_854829, EPI_ISL_854937, EPI_ISL_855024, EPI_ISL_855060, EPI_ISL_855062	Quest Diagnostics	Quest Diagnostics	Rosenthal,S.H., Gerasimova,A., Kagan,R.M., Anderson, B., Hua, M., Liu Y., Bernstein, L.E., Livingston, K.E., Perez, A., Shalhout, D.F., Shlyakhter, I.A., Owen, R., Tanpaiboon, P., Lacbawan, F.
EPI_ISL_855398	California Department of Public Health	Chiu Laboratory, University of California, San Francisco	Charles Chiu, Xianding (Wayne) Deng, Candace Wang, Brian Bushnell, Scot Federman, Jill Hacker, Debra Wadford
EPI_ISL_856934	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Bailey Bowcutt, and Wanda Manley
EPI_ISL_857111	DOHMH Riverside	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857173	DOHMH Crown Heights	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857178	DOHMH Riverside	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_861061	Johns Hopkins Hospital Department of Pathology	Johns Hopkins Hospital Department of Pathology	C. Paul Morris, Chun Huai Luo, Adannaya Amadi, Nicholas Gallagher, Heba H. Mostafa
EPI_ISL_861690, EPI_ISL_861698	Los Angeles County PHL	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_862690, EPI_ISL_862691, EPI_ISL_862692	New Mexico Department of Health Scientific Laboratory	New Mexico Department of Health Scientific Laboratory	D'eldra Malone, Ellie Johnson, Anastacia Griego-Fisher
EPI_ISL_869169	New Mexico Department of Health Scientific Laboratory	Center for Global Health, University of New Mexico Health Sciences Center	Daryl Domman, Kurt Schwalm, Twila Kunde, Joseph Hicks, Anastacia Griego, Michael Edwards, Darrell Dinwiddie
EPI_ISL_872183	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Bailey Bowcutt, and Wanda Manley
EPI_ISL_872488	New Mexico Department of Health Scientific Laboratory	Center for Global Health, University of New Mexico Health Sciences Center	Daryl Domman, Kurt Schwalm, Twila Kunde, Joseph Hicks, Anastacia Griego, Michael Edwards, Darrell Dinwiddie
EPI_ISL_872801	University of Wisconsin-Madison AIDS Vaccine Research Laboratories	University of Wisconsin-Madison AIDS Vaccine Research Laboratories	Gage Moreno, Katarina Braun, et al. AIDS Vaccine Research Laboratories
EPI_ISL_873092	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_876671, EPI_ISL_876672	Helix/Illumina	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook,Dhwani Batra,Ben L. Rambo-Martin,Eileen de Feo,Jan Antico,Christine Tran,Matthew Tolentino,Shannon Wickline,Kim Gietzen,Brad Sickler,Jingtao Liu,Eric Allen,Phil Febbo,Summer Galloway,Nicole L. Washington,Simon White,Geraint Levan,Kelly Schiabor Barrett,Elizabeth Cirulli,Alexandre Bolze,Ary Ascencio,Charlotte Rivera-Garcia,Ryan Cho,Jason Nguyen,Sherry Wang,Jimmy Ramirez,Tyler Cassens,Efren Sandoval,Magnus Isaksson,William Lee,David Becker,Marc Laurent,James Lu,Clinton R. Paden,Suxiang Tong,Duncan MacCannell,
EPI_ISL_877049, EPI_ISL_877050, EPI_ISL_877066, EPI_ISL_877083, EPI_ISL_877084, EPI_ISL_877091, EPI_ISL_877096, EPI_ISL_877104	Quest Diagnostics	Quest Diagnostics	Rosenthal,S.H., Gerasimova,A., Kagan,R.M., Anderson, B., Hua, M., Liu Y., Bernstein, L.E., Livingston, K.E., Perez, A., Shalhout, D.F., Shlyakhter, I.A., Owen, R., Tanpaiboon, P., Lacbawan, F.
EPI_ISL_878202, EPI_ISL_878212, EPI_ISL_878226, EPI_ISL_878248, EPI_ISL_878298, EPI_ISL_878342, EPI_ISL_878354, EPI_ISL_878371, EPI_ISL_878399	San Diego County Public Health Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Tracy Basler, Jovan Shephard, Brett Austin
EPI_ISL_878648, EPI_ISL_878765, EPI_ISL_878773, EPI_ISL_878776, EPI_ISL_878781	Rady's Childrens Hospital	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Nanda Radamchar, David Dimmock, Linda Luo, Christina Clarke, Kathryn Bouic, Teresa Mueller, Denise Malicki
EPI_ISL_879977, EPI_ISL_880000, EPI_ISL_880011	San Diego County Public Health Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Tracy Basler, Jovan Shephard, Brett Austin
EPI_ISL_880077, EPI_ISL_880090, EPI_ISL_880106, EPI_ISL_880119, EPI_ISL_880122, EPI_ISL_880143, EPI_ISL_880144, EPI_ISL_880159, EPI_ISL_880167, EPI_ISL_880168	Sharp HealthCare Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Aaron Harding, Jacquelyn Berumen, Cathy Woerle, Liam McGinnis, Art Mendoza, Omid Bakhtar
EPI_ISL_880183	Rady's Childrens Hospital	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Nanda Radamchar, David Dimmock, Linda Luo, Christina Clarke, Kathryn Bouic, Teresa Mueller, Denise Malicki
EPI_ISL_880202, EPI_ISL_880209, EPI_ISL_880225, EPI_ISL_880239, EPI_ISL_880256, EPI_ISL_880303, EPI_ISL_880329	Scripps Medical Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Michael Quigley, Ellen Stefanski, Ian Mchardy
EPI_ISL_882969, EPI_ISL_882980, EPI_ISL_882983	UCLA Clinical Micro Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_883369	DOHMH Chelsea	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_883379	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_883448	NORTHWELL HEALTH LABORATORIES	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_884024, EPI_ISL_884053	ALBANY MEDICAL CENTER HOSPITAL CLINICAL LABORATORIES	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_884297, EPI_ISL_884300	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Department
EPI_ISL_884875, EPI_ISL_884876, EPI_ISL_884877, EPI_ISL_884878, EPI_ISL_884879, EPI_ISL_884912, EPI_ISL_884914, EPI_ISL_884916, EPI_ISL_884923, EPI_ISL_884938, EPI_ISL_884950, EPI_ISL_884952, EPI_ISL_884954, EPI_ISL_884970, EPI_ISL_884971, EPI_ISL_884976, EPI_ISL_884980, EPI_ISL_884984, EPI_ISL_884988, EPI_ISL_884990, EPI_ISL_884997, EPI_ISL_884998, EPI_ISL_885002, EPI_ISL_885008, EPI_ISL_885020, EPI_ISL_885045			
see above	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_885056, EPI_ISL_885057, EPI_ISL_885058, EPI_ISL_885059, EPI_ISL_885060, EPI_ISL_885061, EPI_ISL_885062, EPI_ISL_885063, EPI_ISL_885064, EPI_ISL_885065	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cllahub Consortium

EPI_ISL_886367, EPI_ISL_886385, EPI_ISL_886462, EPI_ISL_886463, EPI_ISL_886464, EPI_ISL_886465, EPI_ISL_886466, EPI_ISL_886557, EPI_ISL_886619, EPI_ISL_886720, EPI_ISL_887710, EPI_ISL_887712, EPI_ISL_887713, EPI_ISL_887729, EPI_ISL_887744, EPI_ISL_887831, EPI_ISL_887995, EPI_ISL_888333	see above	Labcorp	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook,Dhwani Batra,Ben L. Rambo-Martin,Summer Galloway,Brian Krueger,Minoo Agarwal,Eyad Almasri,Debbie Boles,Ayla Burns,Nuthawin Charoensri,Oren Cohen,Susan Countryman,Mary Ann Cristobal,Bobbi Croy,Suzanne Dale,Hrushikesh Deshmukh,Amanda Douglas,Vincent Drouillon,Marcia Eisenberg,Howard Engler,Rama Ghatti,Prashant Gupta,Susan Hicks,Jake Humphrey,Lax Iyer,Manoj Jain,Mohan Kolli,Tim Kuphal,Stanley Letovsky,Michael Levandoski,Craig Lukasik,Jonathan Meltzer,Brian Norvell,Mindy Nye,Scott Parker,Christos Petropoulos,John Pruitt,Steven Ragan,Scott Ryan,Mike Sapeta,Jana Schroth,Suresh Babu Selvaraju,Goran Stevovic,Amanda Suchanek,Andrea Throop,Lyndon Tilson,Thomas Urban,Joe Voshell,Kimberly Wagner,Jonathan Williams,Mary Williamson,Qian Zeng,Tricia Zwiefelhofer,Clinton R. Paden,Suxiang Tong,Duncan MacCannell,
EPI_ISL_888923, EPI_ISL_888936, EPI_ISL_888960, EPI_ISL_888965	EPI_ISL_891126	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Bailey Bowcutt, and Wanda Manley
		Altius Institute for Biomedical Sciences	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Erica Ryke, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Ryan Alexander, Daniel Bates, Rebecca Bruders, Stephanie DeBaun, Clem Green, Muhammad Halimun, Kneshay Harper, Matt Hartman, Andrew Meuser, Alex Nguyen, Truong Nguyen, Sofia Olsson, Sadie Patraw, Hannah Petersen, Tobias Ragoczy, Joshua Richards, Jacob Rodriguez, John Stamatoyannopoulos, Julia Wald, Olivia Waltner, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Helen Y. Chu, Jay Shendure, Trevor Bedford
EPI_ISL_892266	EPI_ISL_896218, EPI_ISL_896286	MD Laboratories	Los Angeles County PHL	P. Hemarajata et al.
		SUNY UPSTATE MEDICAL UNIVERSITY	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
		MEMORIAL SLOAN KETTERING CANCER CENTER	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_902734	EPI_ISL_903367	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Department
EPI_ISL_903399, EPI_ISL_903408, EPI_ISL_903414, EPI_ISL_903433, EPI_ISL_903440, EPI_ISL_903442, EPI_ISL_903444, EPI_ISL_903463, EPI_ISL_903475, EPI_ISL_903477, EPI_ISL_903485, EPI_ISL_903499, EPI_ISL_903509, EPI_ISL_903514, EPI_ISL_903516, EPI_ISL_903517, EPI_ISL_903521, EPI_ISL_903522, EPI_ISL_903523, EPI_ISL_903527, EPI_ISL_903557	see above	Los Angeles County PHL	Los Angeles County PHL	P. Hemarajata et al.
		Quest Diagnostics	Quest Diagnostics	Rosenthal,S.H., Gerasimova,A., Kagan,R.M., Anderson, B., Hua, M., Liu Y., Bernstein, L.E., Livingston, K.E., Perez, A., Shalhout, D.F., Shlyakhter, I.A., Owen, R., Tanpaiboon, P., Lacbawan, F.
EPI_ISL_903670		GA Department of Public Health Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Halbin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_903732		NV State Public Health Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Halbin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_903759		NM Dept. Health, Scientific Laboratory Division	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Halbin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_903861		CO Dept. of Public Health and Environment, Lab Services Division	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Halbin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_903913		CDPH, Viral and Rickettsial Disease Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Halbin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_905877, EPI_ISL_905878, EPI_ISL_905880, EPI_ISL_905881, EPI_ISL_905885, EPI_ISL_905923, EPI_ISL_905970, EPI_ISL_905975	EPI_ISL_906174, EPI_ISL_906245	OHSU Lab Services Molecular Microbiology Lab	Oregon SARS-CoV-2 Genome Sequencing Center	Brendan L. O'Connell, Sally Grindstaff, Kayla Carter, Ruth V. Nichols, Alec J. Hirsch, Donna Hansel, Guang Fan, Xuan, Qin, Daniel N. Streblow, William B. Messer, Andrew C. Adey, Benjamin N. Bimber, Brian J. O'Roak
		University of Wisconsin-Madison AIDS Vaccine Research Laboratories	University of Wisconsin-Madison AIDS Vaccine Research Laboratories	Gage Moreno, Katarina Braun, et al. AIDS Vaccine Research Laboratories
EPI_ISL_906309, EPI_ISL_906313, EPI_ISL_906326, EPI_ISL_906328, EPI_ISL_906331, EPI_ISL_906339, EPI_ISL_906344, EPI_ISL_906347, EPI_ISL_906354, EPI_ISL_906359, EPI_ISL_906381, EPI_ISL_906383, EPI_ISL_906391, EPI_ISL_906403, EPI_ISL_906412, EPI_ISL_906414, EPI_ISL_906418, EPI_ISL_906422, EPI_ISL_906423	see above	Quest Diagnostics	Quest Diagnostics	Rosenthal,S.H., Gerasimova,A., Kagan,R.M., Anderson, B., Hua, M., Liu Y., Bernstein, L.E., Livingston, K.E., Perez, A., Shalhout, D.F., Shlyakhter, I.A., Owen, R., Tanpaiboon, P., Lacbawan, F.
EPI_ISL_906905		Bureau of Public Health Laboratories, Florida Department of Health (BPHL, FLDH)	Bureau of Public Health Laboratories, Florida Department of Health (BPHL, FLDH)	Schmedes,S., Blanton,J.
EPI_ISL_906923, EPI_ISL_906924, EPI_ISL_906929, EPI_ISL_906936, EPI_ISL_906939, EPI_ISL_906944, EPI_ISL_906945, EPI_ISL_906952, EPI_ISL_906963, EPI_ISL_906970, EPI_ISL_906978, EPI_ISL_906981, EPI_ISL_906992, EPI_ISL_906998, EPI_ISL_906999, EPI_ISL_907003, EPI_ISL_907015, EPI_ISL_907027, EPI_ISL_907031, EPI_ISL_907032, EPI_ISL_907034, EPI_ISL_907036, EPI_ISL_907055, EPI_ISL_907056, EPI_ISL_907060	see above	Infectious Diseases, Quest Diagnostics	Infectious Diseases, Quest Diagnostics	Rosenthal,S.H., Gerasimova,A., Kagan,R.M., Anderson,B., Bernstein,L.E., Livingston,K.E., Hua,M., Liu,Y., Shalhout,D.F., Owen,R., Lacbawan,F.
EPI_ISL_911600	EPI_ISL_911639, EPI_ISL_911640	Clinical Molecular Microbiology Laboratory, UNC Hospitals	Jeremy Wang	Jeremy Wang, Alexander Rubinsteyn, Colleen Rice, Jason Smedberg, Melissa Miller, Corbin Jones, Robert Hagan
		Texas Department of State Health Services (TXDSHS)	Texas Department of State Health Services (TXDSHS)	Bonnie Oh, Anita Pokharel, James Daniel Bonser, Myong Koag, Chung Wang, Rachel Lee, Grace Kubin, Rashmi Tuladhar, Mayela Pedrueza, Maliha Rahman, Jenny Zhang
EPI_ISL_911984		Altius Institute for Biomedical Sciences	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Erica Ryke, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Ryan Alexander, Daniel Bates, Rebecca Bruders, Stephanie DeBaun, Clem Green, Muhammad Halimun, Jessica Halow, Kneshay Harper, Matt Hartman, Andrew Meuser, Alex Nguyen, Truong Nguyen, Sofia Olsson, Sadie Patraw, Hannah Petersen, Tobias Ragoczy, Joshua Richards, Jacob Rodriguez, John Stamatoyannopoulos, Julia Wald, Olivia Waltner, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Helen Y. Chu, Jay Shendure, Trevor Bedford
EPI_ISL_913541	EPI_ISL_913905	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, and Xiong Wang
		TGen North	TGen North	"Jolene Bowers, Megan Folkerts, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)"
EPI_ISL_914781	EPI_ISL_914811, EPI_ISL_914812	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Bailey Bowcutt, and Wanda Manley
		AREA DE SALUD GOICOECHEA 2 - CLINICA DR. JIMENEZ NUNEZ	Incienza, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godínez, Melany Calderón & Mariel López
EPI_ISL_914891, EPI_ISL_914892, EPI_ISL_914894, EPI_ISL_914901, EPI_ISL_914910, EPI_ISL_914912, EPI_ISL_914916, EPI_ISL_914925, EPI_ISL_914933, EPI_ISL_914938, EPI_ISL_914949, EPI_ISL_914968, EPI_ISL_915199, EPI_ISL_915213, EPI_ISL_915220, EPI_ISL_915232, EPI_ISL_915236, EPI_ISL_915239, EPI_ISL_915248, EPI_ISL_915253, EPI_ISL_915256, EPI_ISL_915270, EPI_ISL_915276, EPI_ISL_915285, EPI_ISL_915289, EPI_ISL_915306				

see above	Quest Diagnostics	Quest Diagnostics	Rosenthal,S.H., Gerasimova,A., Kagan,R.M., Anderson, B., Hua, M., Liu Y., Bernstein, L.E., Livingston, K.E., Perez, A., Shalhout, D.F., Shlyakhter, I.A., Owen, R., Tanpaiboon, P., Lacbawan, F.
EPI_ISL_915439	MD Laboratories	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_917954	Pomona Valley Hospital	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_918179, EPI_ISL_918187, EPI_ISL_918188, EPI_ISL_918189, EPI_ISL_918195, EPI_ISL_918238, EPI_ISL_918239, EPI_ISL_918245, EPI_ISL_918250	Innovative Genomics Institute, UC Berkeley	Innovative Genomics Institute, UC Berkeley	Stacia Wyman, Haridha Shivram, Phil Frankino, Liana Lareau, Shana McDevitt, Justin Choi
EPI_ISL_925519, EPI_ISL_925828	Arizona State Public Health Laboratory	Arizona State Public Health Laboratory	Trung Huynh, Jessica Escobar, Katherine Fullerton, Nobuko Fukushima, Stacy White, Linda Getsinger, Victor Waddell
EPI_ISL_930792, EPI_ISL_930797, EPI_ISL_930804	Monterey County Public Health Laboratory	Monterey County Public Health Laboratory	C. Anaya et al.,
EPI_ISL_930805	Monterey County Public Health Laboratory	Monterey County Public Health Laboratory	C. Anaya et al.
EPI_ISL_930833, EPI_ISL_930845, EPI_ISL_930847, EPI_ISL_930848	Monterey County Public Health Laboratory	Monterey County Public Health Laboratory	C. Anaya et al.,
EPI_ISL_931514, EPI_ISL_931579	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin L. Young, Kelly F. Oakeson, Tara Gallagher
EPI_ISL_935022	Northwest Pathology	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Michelle Lin, Meei-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_935180	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Bailey Bowcutt, and Wanda Manley
EPI_ISL_936105	WESTCHESTER MEDICAL CENTER	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_936415, EPI_ISL_936418	TGen North	TGen North	Jolene Bowers, Megan Folkerts, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)
EPI_ISL_937203	DOHMH Chelsea	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_937254	OCME Office Of Chief Medical Examiner	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_939652	Los Angeles County PHL	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_940801	Houston Health Dept.	Houston Health Dept.	Ryker Penn, Pamela Brown, Adolpho Lara
EPI_ISL_941334	New Mexico Department of Health Scientific Laboratory	New Mexico Department of Health Scientific Laboratory	Ellie Johnson, Anastacia Griego-Fisher, D'eldra Malone, Jennifer Benoit
EPI_ISL_942028, EPI_ISL_942089	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Kelsey R. Florek, Abigail C. Shockey
EPI_ISL_942739, EPI_ISL_942845	Gundersen Molecular Diagnostics Laboratory	Kabara Cancer Research Institute	Craig S. Richmond, Paraic A. Kenny
EPI_ISL_943785, EPI_ISL_943786, EPI_ISL_943907	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin L. Young, Kelly F. Oakeson, Tara Gallagher
EPI_ISL_944601	Connecticut Department of Public Health	Grubaugh Lab - Yale School of Public Health	Joseph Fauver, Tara Alpert, Anderson Brito, Mallery Breban, Anne Wyllie, Chantal Vogels, Mary Petrone, Annie Watkins, Chaney Kalinich, Isabel Ott, Nathan Grubaugh
EPI_ISL_954963, EPI_ISL_954976, EPI_ISL_954978, EPI_ISL_954985, EPI_ISL_954987, EPI_ISL_954988, EPI_ISL_955038	Colorado Department of Public Health and Environment	Colorado Department of Puplic Health and Environment	Laura Bankers, Molly C. Hetherington-Rauth, Diana Ir, Shannon Ely, Shannon R. Matzinger, Sarah Elizabeth Totten, Emily A. Travanty
EPI_ISL_955126	Innovative Genomics Institute, UC Berkeley	Innovative Genomics Institute, UC Berkeley	Stacia Wyman, Haridha Shivram, Phil Frankino, Liana Lareau, Shana McDevitt, Justin Choi
EPI_ISL_955137	Platform BIS UZA/UAntwerpen	UAntwerp, Laboratory of Medical Microbiology	Basil Britto Xavier, Jasmine Coppens, Marie Le Mercier, Christine Lammens, Veerle Matheeussen, Herman Goossens
EPI_ISL_955263	Fulgent Genetics	Fulgent Genetics	Harry Gao, Mickey Li, John Gao, Joseph Fierro, Benafsh Sapra, Becky Tsai, Yan Meng, Doreen Ng, James Xie
EPI_ISL_955267	Clinical Pathology Lab	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Krista Queen, Anna Uehara, Peter Cook, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_955371, EPI_ISL_955373, EPI_ISL_955374, EPI_ISL_955377, EPI_ISL_955378	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_955394, EPI_ISL_955395, EPI_ISL_955400, EPI_ISL_955404, EPI_ISL_955408, EPI_ISL_955419, EPI_ISL_955422, EPI_ISL_955423, EPI_ISL_955424	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_955446, EPI_ISL_955489, EPI_ISL_955492, EPI_ISL_955495	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_955580, EPI_ISL_955581, EPI_ISL_955582, EPI_ISL_955594, EPI_ISL_955595, EPI_ISL_955600, EPI_ISL_955609, EPI_ISL_955624, EPI_ISL_955625, EPI_ISL_955626, EPI_ISL_955627			
see above	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_955713, EPI_ISL_955742, EPI_ISL_955748, EPI_ISL_955775	Humboldt County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_955843, EPI_ISL_959542	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_960573	Istituto Zooprofilattico Sperimentale del Mezzogiorno	TIGEM	Antonio Grimaldi, Patrizia Annunziata, Francesco Panariello, Biancamaria Pierri, Valentina Bouche, Chiara Colantuono, Maria Concetta Cuomo, Denise Di Concilio, Lucio Di Filippo, Anna Manfredi, Marcello Salvi, Antonio Limone, Pellegrino Cerino, Andrea Ballabio, Davide Cacchiarelli.
EPI_ISL_961451	Toronto Invasive Bacterial Diseases Network	McMaster University	Allison McGeer, Patryk Aftanas, Hooman Derakhshani, Angel Li, Kuganya Nirmalarajah, Emily Panousis, Ahmed Draia, Jalees Nasir, Michael Surette, Samira Mubareka, Andrew G. McArthur
EPI_ISL_962265	Seattle Flu Study	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Erica Ryke, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Jay Shendure, Trevor Bedford, Helen Y. Chu
EPI_ISL_962411	Washington State Department of Health	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Erica Ryke, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Romesh Gautom, Geoff Melly, Brian Hiatt, Philip Dykema, Scott Lindquist, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Helen Y. Chu,

			Jay Shendure, Trevor Bedford P. Hemarajata et al. SEARCH Alliance San Diego with Michael Quigley, Ellen Stefanski, Ian Mchardy SEARCH Alliance San Diego with Aaron Harding, Jacquelyn Berumen, Cathy Woerle, Liam McGinnis, Art Mendoza, Omid Bakhtar SEARCH Alliance San Diego with Michael Quigley, Ellen Stefanski, Ian Mchardy
EPI_ISL_962520	VA Medical Center	Los Angeles County PHL	
EPI_ISL_962585, EPI_ISL_962586	Scripps Medical Laboratory	Andersen lab at Scripps Research	
EPI_ISL_962603, EPI_ISL_962608	Sharp HealthCare Laboratory	Andersen lab at Scripps Research	
EPI_ISL_962623, EPI_ISL_962629, EPI_ISL_962640, EPI_ISL_962646, EPI_ISL_962647	Scripps Medical Laboratory	Andersen lab at Scripps Research	
EPI_ISL_962654, EPI_ISL_962656, EPI_ISL_962664, EPI_ISL_962675, EPI_ISL_962676, EPI_ISL_962679, EPI_ISL_962680, EPI_ISL_962687, EPI_ISL_962693, EPI_ISL_962696, EPI_ISL_962701, EPI_ISL_962704, EPI_ISL_962710, EPI_ISL_962711, EPI_ISL_962712, EPI_ISL_962714, EPI_ISL_962715, EPI_ISL_962717, EPI_ISL_962718, EPI_ISL_962730, EPI_ISL_962732, EPI_ISL_962733, EPI_ISL_962743, EPI_ISL_962748, EPI_ISL_962759, EPI_ISL_962760			
see above	Sharp HealthCare Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Aaron Harding, Jacquelyn Berumen, Cathy Woerle, Liam McGinnis, Art Mendoza, Omid Bakhtar
EPI_ISL_962766, EPI_ISL_962773, EPI_ISL_962774, EPI_ISL_962782, EPI_ISL_962809	San Diego County Public Health Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Tracy Basler, Jovan Shephard, Brett Austin
EPI_ISL_965022	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton
EPI_ISL_966622, EPI_ISL_966625, EPI_ISL_966637, EPI_ISL_966638, EPI_ISL_966640, EPI_ISL_966702, EPI_ISL_966715, EPI_ISL_966725, EPI_ISL_966746, EPI_ISL_966865, EPI_ISL_966866, EPI_ISL_966916, EPI_ISL_966926, EPI_ISL_966956, EPI_ISL_966991, EPI_ISL_966992, EPI_ISL_967006, EPI_ISL_967047, EPI_ISL_967057, EPI_ISL_967084, EPI_ISL_967104, EPI_ISL_967107, EPI_ISL_967295, EPI_ISL_967305, EPI_ISL_967318, EPI_ISL_967324, EPI_ISL_967347, EPI_ISL_967361, EPI_ISL_967381, EPI_ISL_967390, EPI_ISL_967392, EPI_ISL_967426			
see above	Helix/Illumina	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook,Dakota Howard,Dhwani Batra,Ben L. Rambo-Martin,Eileen de Feo,Jan Antico,Christine Tran,Matthew Tolentino,Shannon Wickline,Kim Gietzen,Brad Sickler,Jingtao Liu,Eric Allen,Phil Febbo,Summer Galloway,Nicole L. Washington,Simon White,Geraint Levan,Kelly Schiabor Barrett,Elizabeth Cirulli,Alexandre Bolze,Ary Ascencio,Charlotte Rivera-Garcia,Ryan Cho,Jason Nguyen,Sherry Wang,Jimmy Ramirez,Tyler Cassens,Efren Sandoval,Magnus Isaksson,William Lee,David Becker,Marc Laurent,James Lu,Clinton R. Paden,Suxiang Tong,Duncan MacCannell,
EPI_ISL_967711	State Laboratories Division, Hawaii State Department of Health	State Laboratories Division, Hawaii State Department of Health	Pamela O'Brien, Drew Kuwazaki, Ayana Garnet, Razvan Sultana, Edward Desmond
EPI_ISL_967777, EPI_ISL_967830, EPI_ISL_967876	Helix/Illumina	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook,Dakota Howard,Dhwani Batra,Ben L. Rambo-Martin,Eileen de Feo,Jan Antico,Christine Tran,Matthew Tolentino,Shannon Wickline,Kim Gietzen,Brad Sickler,Jingtao Liu,Eric Allen,Phil Febbo,Summer Galloway,Nicole L. Washington,Simon White,Geraint Levan,Kelly Schiabor Barrett,Elizabeth Cirulli,Alexandre Bolze,Ary Ascencio,Charlotte Rivera-Garcia,Ryan Cho,Jason Nguyen,Sherry Wang,Jimmy Ramirez,Tyler Cassens,Efren Sandoval,Magnus Isaksson,William Lee,David Becker,Marc Laurent,James Lu,Clinton R. Paden,Suxiang Tong,Duncan MacCannell,
EPI_ISL_967896, EPI_ISL_968035	Sonora Quest Laboratories	TGen North	*Jolene Bowers, Megan Folkerts, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)*
EPI_ISL_968063	TGen North	TGen North	*Jolene Bowers, Megan Folkerts, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)*
EPI_ISL_968077, EPI_ISL_968079	Monterey County Public Health Laboratory	Monterey County Public Health Laboratory	Monterey County Public Health Laboratory
EPI_ISL_968116	Houston Health Department, Disease Prevention and Control	Houston Health Department, Disease Prevention and Control	Penn,R., Brown,P., Lara,A.
EPI_ISL_972901	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Aalborg University	Danish Covid-19 Genome Consortium
EPI_ISL_977129, EPI_ISL_977132, EPI_ISL_977143	Flow Health	Infectious Disease Program, Broad Institute of Harvard and MIT	Lemieux,J.E., Siddle,K.J., Adams,G., Gladden-Young,A., Lagerborg,K., Rudy,M., DeRuff,K., Carter,A., Normandin,E., Bauer,M., Reilly,S., Tomkins-Tinch,C., Loreth,C., Chaluvadi,S., Birren,B.W., Gallagher,G., Smole,S., Park,D.J., MacInnis,B.L., and Sabeti,P.C.
EPI_ISL_977749, EPI_ISL_977752, EPI_ISL_977757, EPI_ISL_977758, EPI_ISL_977759, EPI_ISL_977760, EPI_ISL_977761, EPI_ISL_977762, EPI_ISL_977777, EPI_ISL_977816, EPI_ISL_977828			
see above	California Department of Public Health	Chiu Laboratory, University of California, San Francisco	Charles Chiu, Xianding (Wayne) Deng, Candace Wang, Venice Servellita, Jill Hacker, Debra Wadford
EPI_ISL_977890, EPI_ISL_977926, EPI_ISL_977927, EPI_ISL_977937, EPI_ISL_977938, EPI_ISL_977942, EPI_ISL_977947, EPI_ISL_977948, EPI_ISL_977949, EPI_ISL_977954, EPI_ISL_977959, EPI_ISL_977960, EPI_ISL_977961, EPI_ISL_977978, EPI_ISL_977979, EPI_ISL_977981, EPI_ISL_977982, EPI_ISL_977994, EPI_ISL_978000, EPI_ISL_978002, EPI_ISL_978004, EPI_ISL_978009, EPI_ISL_978013, EPI_ISL_978030, EPI_ISL_978032, EPI_ISL_978037, EPI_ISL_978038, EPI_ISL_978059, EPI_ISL_978100, EPI_ISL_978103, EPI_ISL_978108, EPI_ISL_978128, EPI_ISL_978131, EPI_ISL_978144, EPI_ISL_978150, EPI_ISL_978156, EPI_ISL_978158			
see above	Chiu Laboratory, University of California, San Francisco	Chiu Laboratory, University of California, San Francisco	Charles Chiu, Xianding (Wayne) Deng, Candace Wang, Venice Servellita, Jill Hacker, Debra Wadford
EPI_ISL_978318	Texas Department of State Health Services	Texas Department of State Health Services	Bonnie Oh, Anita Pokharel, James Daniel Bonser, Myong Koag, Chung Wang, Rachel Lee, Grace Kubin, Rashmi Tuladhar, Mayela Pedrueza, Maliha Rahman, Jenny Zhang
EPI_ISL_978400, EPI_ISL_978454, EPI_ISL_978455, EPI_ISL_978459	Arizona State Public Health Laboratory	Arizona State Public Health Laboratory	Trung Huynh, Jessica Escobar, Katherine Fullerton, Nobuko Fukushima, Stacy White, Linda Getsinger, Victor Waddell
EPI_ISL_978571, EPI_ISL_978609, EPI_ISL_978638, EPI_ISL_978669, EPI_ISL_978733, EPI_ISL_978779	Helix/Illumina	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook,Dakota Howard,Dhwani Batra,Ben L. Rambo-Martin,Eileen de Feo,Jan Antico,Christine Tran,Matthew Tolentino,Shannon Wickline,Kim Gietzen,Brad Sickler,Jingtao Liu,Eric Allen,Phil Febbo,Summer Galloway,Nicole L. Washington,Simon White,Geraint Levan,Kelly Schiabor Barrett,Elizabeth Cirulli,Alexandre Bolze,Ary Ascencio,Charlotte Rivera-Garcia,Ryan Cho,Jason Nguyen,Sherry Wang,Jimmy Ramirez,Tyler Cassens,Efren Sandoval,Magnus Isaksson,William Lee,David Becker,Marc Laurent,James Lu,Clinton R. Paden,Suxiang Tong,Duncan MacCannell,
EPI_ISL_978989, EPI_ISL_978998, EPI_ISL_979005, EPI_ISL_979061, EPI_ISL_979062, EPI_ISL_979063, EPI_ISL_979064, EPI_ISL_979065, EPI_ISL_979066, EPI_ISL_979067, EPI_ISL_979068, EPI_ISL_979069, EPI_ISL_979070, EPI_ISL_979071, EPI_ISL_979072, EPI_ISL_979074, EPI_ISL_979075, EPI_ISL_979077, EPI_ISL_979078, EPI_ISL_979079, EPI_ISL_979080, EPI_ISL_979081, EPI_ISL_979085, EPI_ISL_979089, EPI_ISL_979090, EPI_ISL_979091, EPI_ISL_979092, EPI_ISL_979093, EPI_ISL_979094, EPI_ISL_979095, EPI_ISL_979096, EPI_ISL_979097, EPI_ISL_979098, EPI_ISL_979099, EPI_ISL_979100, EPI_ISL_979101, EPI_ISL_979102, EPI_ISL_979103, EPI_ISL_979104, EPI_ISL_979105, EPI_ISL_979106, EPI_ISL_979107, EPI_ISL_979108, EPI_ISL_979109, EPI_ISL_979110, EPI_ISL_979111, EPI_ISL_979112, EPI_ISL_979113, EPI_ISL_979114, EPI_ISL_979115, EPI_ISL_979116, EPI_ISL_979117, EPI_ISL_979118, EPI_ISL_979119, EPI_ISL_979120, EPI_ISL_979121, EPI_ISL_979122, EPI_ISL_979123, EPI_ISL_979125, EPI_ISL_979126, EPI_ISL_979128, EPI_ISL_979129, EPI_ISL_979130, EPI_ISL_979132, EPI_ISL_979133, EPI_ISL_979134, EPI_ISL_979135, EPI_ISL_979136, EPI_ISL_979137, EPI_ISL_979143, EPI_ISL_979144			
see above	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_979159, EPI_ISL_979160, EPI_ISL_979161	County of San Luis Obispo Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_979413, EPI_ISL_979423, EPI_ISL_979446	New Mexico Department of Health Scientific Laboratory	New Mexico Department of Health Scientific Laboratory	Ellie Johnson, Anastacia Griego-Fisher, D'eldra Malone, Jennifer Benoit
EPI_ISL_979473	Eurofins Diatherix	Hudsonalpha Genome Sequencing Center	Jane Grimwood, Melissa Williams, Lori H. Handley, Joshua Stough, Leslie Malone, Stefan Brzezinski, Ada Stewart, Teresa Jones, Jenell Webber, John Lovell, Jennifer Cart, and Jeremy Schmutz
EPI_ISL_979567, EPI_ISL_979594, EPI_ISL_979596, EPI_ISL_979601, EPI_ISL_979602, EPI_ISL_979623, EPI_ISL_979624, EPI_ISL_979638, EPI_ISL_979640, EPI_ISL_979641, EPI_ISL_979642			
see above	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_979678, EPI_ISL_979680, EPI_ISL_979681, EPI_ISL_979682, EPI_ISL_979683, EPI_ISL_979684, EPI_ISL_979705, EPI_ISL_979706	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_980852, EPI_ISL_980854, EPI_ISL_980859, EPI_ISL_980860, EPI_ISL_980863, EPI_ISL_980865, EPI_ISL_980889, EPI_ISL_980897, EPI_ISL_980898, EPI_ISL_980899, EPI_ISL_980902, EPI_ISL_980916, EPI_ISL_980920, EPI_ISL_980935, EPI_ISL_980937, EPI_ISL_980941, EPI_ISL_980954, EPI_ISL_980976, EPI_ISL_980977, EPI_ISL_980979, EPI_ISL_980981, EPI_ISL_980982			
see above	Innovative Genomics Institute, UC Berkeley	Innovative Genomics Institute, UC Berkeley	Stacia Wyman, Haridha Shivram, Phil Frankino, Liana Lareau



EPI_ISL_981135 EPI_ISL_981786	Johns Hopkins Hospital Department of Pathology University Hospitals of Geneva, Laboratory of Virology	Johns Hopkins Hospital Department of Pathology HUG, Laboratory of Virology and the Health2030 Genome Center	C. Paul Morris, Chun Huai Luo, Adannaya Amadi, Matthew Schwartz, Nicholas Gallagher, Heba H. Mostafa Samuel Cordey, Ana Rita Goncalves, Laurent Kaiser, Lorenzo Cerutti, Henri Pegeot, Melyssa Elies, Deborah Penet, Keith Harshman, Ioannis Xenarios, Emmanouil Dermitzakis
EPI_ISL_982045, EPI_ISL_982073	Sonora Quest Laboratories	TGen North	"Jolene Bowers, Megan Folkerts, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)"
EPI_ISL_982647, EPI_ISL_982667, EPI_ISL_982742 EPI_ISL_982963	US Air Force School of Aerospace Medicine University Health Network/Mount Sinai Hospital Department of Microbiology	US Air Force School of Aerospace Medicine Ontario Institute for Cancer Research	Anthony Fries, Jennifer Meyer, William Gruner, William Buggele, Amanda Javorina, Sarah Purves, Clarise Starr, Elizabeth Macias Marie-Ming Aynaud, Javier Hernandez, Seda Barutcu, Kin Chan, Jessica Bourke, Marc Mazzulli, Tony Mazzulli, Laurence Pelletier, Jeff Wrana, Aimee Paterson, Angel Liu, Allison McGeer, Patryk Aftanas, Kuganya Nirmalarajah, Samira Mubareka, Ilinca Lungu, Cassandra Bergwerff, Lubaina Kothari, Bernard Lam, Paul Krzyzanowski, Michael Laszloffy, Lawrence E. Heisler, Richard de Borja, Jared T. Simpson
EPI_ISL_983126	THE MARY IMOGENE BASSETT HOSPITAL	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_983251	KALEIDA CENTER FOR LABORATORY MEDICINE	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_983314	SUNY UPSTATE MEDICAL UNIVERSITY	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_983748, EPI_ISL_983754, EPI_ISL_983756	Colorado Department of Public Health and Environment	Colorado Department of Puplic Health and Environment	Laura Bankers, Molly C. Hetherington-Rauth, Diana Ir, Shannon Ely, Shannon R. Matzinger, Sarah Elizabeth Totten, Emily A. Travanty
EPI_ISL_984170, EPI_ISL_984171	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Kelsey R. Florek, Abigail C. Shockey
EPI_ISL_984348, EPI_ISL_984358, EPI_ISL_984382, EPI_ISL_984402, EPI_ISL_984403, EPI_ISL_984406, EPI_ISL_984429, EPI_ISL_984451, EPI_ISL_984452, EPI_ISL_984470, EPI_ISL_984476, EPI_ISL_984477, EPI_ISL_984563, EPI_ISL_984598, EPI_ISL_984599, EPI_ISL_984603, EPI_ISL_984606	see above	Chiu Laboratory, University of California, San Francisco	Charles Chiu, Xianding (Wayne) Deng, Candace Wang, Venice Servellita, Jill Hacker, Debra Wadford
EPI_ISL_984872	Pandemic Response Lab - NYC	Pandemic Response Lab, R&D	Henry Lee, Michael Hammerling, Melissa Hopkins, Cybill del Castillo, William Ward, Pradeep Bugga, Haiping Hao, Jon Laurent
EPI_ISL_985285	Delaware Public Health Laboratory (DPHL)	Delaware Public Health Lab	Gregory Hovan
EPI_ISL_985401	Hospital General Universitario Gregorio Marañón	Hospital General Universitario Gregorio Marañón	Sergio Buenestado Serrano, Pedro Sola Campoy, Laura Pérez-Lago, Cristina Rodriguez-Grande, Pilar Catalán, Patricia Muñoz, Darío García de Viedma.
EPI_ISL_985553	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Rob Howes, The Lighthouse Lab in Cambridge and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_988724	Lighthouse Lab in Alderley Park	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Jacquelyn Wynn, Mairead Hyland, The Lighthouse Lab in Alderley Park and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team ( <a href="http://www.sanger.ac.uk/covid-team">http://www.sanger.ac.uk/covid-team</a> )
EPI_ISL_994881, EPI_ISL_994995, EPI_ISL_995000	Pandemic Response Lab - NYC	Pandemic Response Lab, R&D	Henry Lee, Michael Hammerling, Melissa Hopkins, Cybill del Castillo, William Ward, Pradeep Bugga, Haiping Hao, Jon Laurent
EPI_ISL_995299, EPI_ISL_995302	National Public Health Laboratory, National Centre for Infectious Diseases	National Public Health Laboratory, National Centre for Infectious Diseases	Tze Minn Mak, Zhenyang Zhou, Lin Cui, Raymond Tzer Pin Lin