

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

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EPI_ISL_1016298, EPI_ISL_1016302, EPI_ISL_1016316, EPI_ISL_1016317, EPI_ISL_1016320, EPI_ISL_1016322, EPI_ISL_1016327	SUNY UPSTATE MEDICAL UNIVERSITY	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
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EPI_ISL_1016420, EPI_ISL_1016424, EPI_ISL_1016426, EPI_ISL_1016427, EPI_ISL_1016433, EPI_ISL_1016436, EPI_ISL_1016437, EPI_ISL_1016438, EPI_ISL_1016439, EPI_ISL_1016442, EPI_ISL_1016445, EPI_ISL_1016446, EPI_ISL_1016447, EPI_ISL_1016449, EPI_ISL_1016450, EPI_ISL_1016452, EPI_ISL_1016455	see above	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
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EPI_ISL_1016512, EPI_ISL_1016539, EPI_ISL_1016579, EPI_ISL_1016599, EPI_ISL_1016667, EPI_ISL_1016672, EPI_ISL_1016688	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, Efen Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
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EPI_ISL_1017475, EPI_ISL_1017483, EPI_ISL_1017484, EPI_ISL_1017486, EPI_ISL_1017490, EPI_ISL_1017493, EPI_ISL_1017494, EPI_ISL_1017499, EPI_ISL_1017503, EPI_ISL_1017504, EPI_ISL_1017505, EPI_ISL_1017512, EPI_ISL_1017516, EPI_ISL_1017518, EPI_ISL_1017519, EPI_ISL_1017529, EPI_ISL_1017561, EPI_ISL_1017568	see above	Grubaugh Lab - Yale School of Public Health	Mary Petrone, Joseph Fauver, Caleb Neal, Steven Murphy, Chantal Vogels, Mallory Breban, Annie Watkins, Tara Alpert, Nathan Grubaugh
EPI_ISL_1018016, EPI_ISL_1018018	Murphy Medical Associates	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1018038, EPI_ISL_1018041, EPI_ISL_1018044	OCME Office Of Chief Medical Examiner	New York City Public Health Laboratory	Jade Wang, et al.

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EPI_ISL_1020495, EPI_ISL_1020496, EPI_ISL_1020523, EPI_ISL_1020532, EPI_ISL_1020543	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	
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EPI_ISL_1023712, EPI_ISL_1023718	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_1026006, EPI_ISL_1026016, EPI_ISL_1026043, EPI_ISL_1026065, EPI_ISL_1026068, EPI_ISL_1026069, EPI_ISL_1026719, EPI_ISL_1026853	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_1026908, EPI_ISL_1027106, EPI_ISL_1027116, EPI_ISL_1027131, EPI_ISL_1027149, EPI_ISL_1027165, EPI_ISL_1027180, EPI_ISL_1027247	Fulgent Genetics	Fulgent Genetics	Harry Gao, Mickey Li, John Gao, Joseph Fierro, Benafsh Sapra, Becky Tsai, Yan Meng, Doreen Ng, James Xie	
EPI_ISL_1027277, EPI_ISL_1027288	Vault Health	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang	
EPI_ISL_1027339, EPI_ISL_1027344	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium	
EPI_ISL_1027445, EPI_ISL_1027463, EPI_ISL_1027472	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium	
EPI_ISL_1027512, EPI_ISL_1027547, EPI_ISL_1027549, EPI_ISL_1027554, EPI_ISL_1027555, EPI_ISL_1027557	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium	
EPI_ISL_1027687, EPI_ISL_1027698, EPI_ISL_1027704, EPI_ISL_1027717, EPI_ISL_1027737, EPI_ISL_1027738, EPI_ISL_1027744, EPI_ISL_1027765, EPI_ISL_1027768, EPI_ISL_1027769, EPI_ISL_1027772, EPI_ISL_1027774, EPI_ISL_1027779, EPI_ISL_1027780, EPI_ISL_1027811, EPI_ISL_1027924, EPI_ISL_1027945, EPI_ISL_1027957, EPI_ISL_1027990, EPI_ISL_1028015, EPI_ISL_1028016, EPI_ISL_1028031, EPI_ISL_1028038, EPI_ISL_1028071, EPI_ISL_1028076, EPI_ISL_1028736, EPI_ISL_1028949, EPI_ISL_1028982, EPI_ISL_1029031, EPI_ISL_1029046, EPI_ISL_1029070, EPI_ISL_1029074, EPI_ISL_1029076, EPI_ISL_1029084, EPI_ISL_1029086, EPI_ISL_1029105, EPI_ISL_1029111, EPI_ISL_1029120, EPI_ISL_1029144, EPI_ISL_1029191, EPI_ISL_1029199, EPI_ISL_1029201, EPI_ISL_1029208, EPI_ISL_1029209, EPI_ISL_1029236, EPI_ISL_1029238, EPI_ISL_1029280, EPI_ISL_1029282, EPI_ISL_1029284, EPI_ISL_1029296, EPI_ISL_1029302, EPI_ISL_1029311, EPI_ISL_1029313, EPI_ISL_1029333, EPI_ISL_1029339, EPI_ISL_1029346, EPI_ISL_1029348, EPI_ISL_1029360, EPI_ISL_1029449, EPI_ISL_1029461, EPI_ISL_1029468, EPI_ISL_1029470, EPI_ISL_1029473, EPI_ISL_1029474, EPI_ISL_1029490, EPI_ISL_1029494, EPI_ISL_1029496, EPI_ISL_1029509, EPI_ISL_1029514, EPI_ISL_1029518, EPI_ISL_1029524, EPI_ISL_1029540, EPI_ISL_1029567, EPI_ISL_1029573, EPI_ISL_1029606, EPI_ISL_1029608, EPI_ISL_1029712, EPI_ISL_1029718, EPI_ISL_1029744, EPI_ISL_1029760, EPI_ISL_1029764, EPI_ISL_1029818, EPI_ISL_1029830, EPI_ISL_1029872, EPI_ISL_1029883, EPI_ISL_1029884, EPI_ISL_1029926, EPI_ISL_1029934, EPI_ISL_1029937, EPI_ISL_1029939, EPI_ISL_1029950, EPI_ISL_1029955	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		
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_1029986, EPI_ISL_1030002, EPI_ISL_1030027, EPI_ISL_1030036, EPI_ISL_1030046, EPI_ISL_1030054, EPI_ISL_1030069, EPI_ISL_1030133, EPI_ISL_1030144, EPI_ISL_1030150, EPI_ISL_1030154, EPI_ISL_1030215, EPI_ISL_1030230	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton	
see above	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton	
EPI_ISL_1030256, EPI_ISL_1030257	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium	
EPI_ISL_1030281, EPI_ISL_1030282, EPI_ISL_1030318	Contra Costa County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium	
EPI_ISL_1030422, EPI_ISL_1030423, EPI_ISL_1030424	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium	
EPI_ISL_1030522, EPI_ISL_1030537, EPI_ISL_1030550, EPI_ISL_1030560, EPI_ISL_1030583, EPI_ISL_1030584, EPI_ISL_1030602, EPI_ISL_1030630, EPI_ISL_1030634, EPI_ISL_1030671, EPI_ISL_1030695, EPI_ISL_1030714, EPI_ISL_1030723, EPI_ISL_1030724, EPI_ISL_1030725, EPI_ISL_1030745, EPI_ISL_1030754, EPI_ISL_1030775, EPI_ISL_1030778, EPI_ISL_1030787, EPI_ISL_1030798, EPI_ISL_1030824, EPI_ISL_1030838, EPI_ISL_1030850, EPI_ISL_1030870, EPI_ISL_1030910, EPI_ISL_1030914, EPI_ISL_1031407, EPI_ISL_1031619, EPI_ISL_1031631, EPI_ISL_1031632, EPI_ISL_1031726, EPI_ISL_1031736, EPI_ISL_1031758, EPI_ISL_1031811, EPI_ISL_1031895, EPI_ISL_1031896, EPI_ISL_1031915, EPI_ISL_1031919, EPI_ISL_1031953, EPI_ISL_1031980, EPI_ISL_1031984, EPI_ISL_1031987, EPI_ISL_1031993, EPI_ISL_1032052, EPI_ISL_1032057, EPI_ISL_1032060, EPI_ISL_1032062, EPI_ISL_1032151, EPI_ISL_1032174, EPI_ISL_1032180, EPI_ISL_1032221, EPI_ISL_1032256, EPI_ISL_1032290, EPI_ISL_1032293, EPI_ISL_1032330, EPI_ISL_1032337, EPI_ISL_1032345, EPI_ISL_1032352, EPI_ISL_1032391, EPI_ISL_1032399, EPI_ISL_1032400, EPI_ISL_1032422, EPI_ISL_1032485, EPI_ISL_1032490, EPI_ISL_1032491, EPI_ISL_1032495, EPI_ISL_1032517, EPI_ISL_1032518, EPI_ISL_1032562, EPI_ISL_1032567, EPI_ISL_1032580, EPI_ISL_1032581	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		
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_1032891, EPI_ISL_1032910	Illinois Department of Public Health	Gagnon Lab, Southern Illinois University	Keith Gagnon	
EPI_ISL_1032993	Fulgent Genetics	Fulgent Genetics	Harry Gao, Mickey Li, John Gao, Joseph Fierro, Benafsh Sapra, Becky Tsai, Yan Meng, Doreen Ng, James Xie	
EPI_ISL_1036273, EPI_ISL_1036284, EPI_ISL_1036305, EPI_ISL_1036306, EPI_ISL_1036307, EPI_ISL_1036324, EPI_ISL_1036325, EPI_ISL_1036330, EPI_ISL_1036333, EPI_ISL_1036334, EPI_ISL_1036340, EPI_ISL_1036342, EPI_ISL_1036343, EPI_ISL_1036364	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	
see above	Johns Hopkins Hospital Department of Pathology	Johns Hopkins Hospital Department of Pathology	C. Paul Morris, Chun Huai Luo, Adannaya Amadi, Matthew Schwartz, Nicholas Gallagher, Heba H. Mostafa	
EPI_ISL_1036473, EPI_ISL_1036499, EPI_ISL_1036522, EPI_ISL_1036548	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_1036571	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_1036672	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_1036763, EPI_ISL_1036776, EPI_ISL_1036791	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_1036937, EPI_ISL_1036961, EPI_ISL_1036989, EPI_ISL_1037097, EPI_ISL_1037242, EPI_ISL_1037891, EPI_ISL_1038017, EPI_ISL_1038021, EPI_ISL_1038075, EPI_ISL_1038096, EPI_ISL_1038105, EPI_ISL_1038111, EPI_ISL_1038122, EPI_ISL_1038149, EPI_ISL_1038208, EPI_ISL_1038209, EPI_ISL_1038212, EPI_ISL_1038220, EPI_ISL_1038349, EPI_ISL_1038354, EPI_ISL_1038355, EPI_ISL_1038420, EPI_ISL_1038442, EPI_ISL_1038452, EPI_ISL_1038457, EPI_ISL_1038458, EPI_ISL_1038519, EPI_ISL_1038524, EPI_ISL_1038536, EPI_ISL_1038542, EPI_ISL_1038543, EPI_ISL_1038565, EPI_ISL_1038571, EPI_ISL_1038650, EPI_ISL_1038654, EPI_ISL_1038671, EPI_ISL_1038706, EPI_ISL_1038708, EPI_ISL_1038711, EPI_ISL_1038716, EPI_ISL_1038759	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		
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_1038807, EPI_ISL_1038812, EPI_ISL_1038814, EPI_ISL_1038833, EPI_ISL_1038841	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration	

EPI_ISL_1038855, EPI_ISL_1038860, EPI_ISL_1038875	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_1038971	Tempus	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_1039549, EPI_ISL_1039565	LSUHS Emerging Viral Threat Laboratory	Microbial Genome Sequencing Center	Jeremy P. Kamil, Jennifer L. Carroll, Maarten Van Diest, Andrew D. Yurochko, Rona S. Scott, John A. Vanchiere, Christopher G. Kevil, Daniel J. Snyder, Vaughn S. Cooper
EPI_ISL_1039641, EPI_ISL_1039642	LSUHS Emerging Viral Threat Laboratory	Microbial Genome Sequencing Center	Jeremy P. Kamil, Jennifer L. Carroll, Maarten Van Diest, Andrew D. Yurochko, Rona S. Scott, Christopher G. Kevil, Daniel J. Snyder, Vaughn S. Cooper, John A. Vanchiere
EPI_ISL_1039864, EPI_ISL_1039892, EPI_ISL_1039897	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_1040176, EPI_ISL_1040179	USC Clinical Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1040600	Instituto Nacional de Medicina Genomica	Instituto Nacional de Medicina Genomica	Hidalgo-Miranda A, Mendoza-Vargas A, Reyes-Grajeda JP, Cisneros-Villanueva M, Cedro-Tanda A,Peñaloza-Figueroa F, Alcaraz-Millman M,Herrera-Montalvo LA
EPI_ISL_1040862, EPI_ISL_1040876, EPI_ISL_1040879, EPI_ISL_1040891, EPI_ISL_1040892, EPI_ISL_1040906	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_1041040, EPI_ISL_1041041, EPI_ISL_1041043, EPI_ISL_1041045, EPI_ISL_1041060, EPI_ISL_1041061, EPI_ISL_1041062, EPI_ISL_1041063, EPI_ISL_1041064, EPI_ISL_1041065, EPI_ISL_1041066, EPI_ISL_1041067, EPI_ISL_1041069, EPI_ISL_1041071, EPI_ISL_1041074, EPI_ISL_1041075, EPI_ISL_1041079, EPI_ISL_1041081, EPI_ISL_1041088, EPI_ISL_1041089, EPI_ISL_1041091, EPI_ISL_1041092, EPI_ISL_1041094, EPI_ISL_1041100, EPI_ISL_1041101, EPI_ISL_1041103, EPI_ISL_1041107, EPI_ISL_1041184, EPI_ISL_1041189			
see above	Innovative Genomics Institute, UC Berkeley	Innovative Genomics Institute, UC Berkeley	Stacia Wyman, Haridha Shivram, Phil Frankino, Liana Lareau
EPI_ISL_1041224, EPI_ISL_1041229, EPI_ISL_1041244, EPI_ISL_1041275, EPI_ISL_1041285, EPI_ISL_1041316, EPI_ISL_1041334, EPI_ISL_1041349, EPI_ISL_1041354, EPI_ISL_1041355, EPI_ISL_1041423, EPI_ISL_1041451, EPI_ISL_1041466, EPI_ISL_1041522, EPI_ISL_1041530, EPI_ISL_1041567, EPI_ISL_1041613, EPI_ISL_1041679, EPI_ISL_1041680, EPI_ISL_1041691, EPI_ISL_1041843, EPI_ISL_1041866			
see above	Pandemic Response Lab - NYC	Pandemic Response Lab, R&D	Henry Lee, Michael Hammerling, Melissa Hopkins, Cybill del Castillo, William Ward, Pradeep Bugga, Haiping Hao, Jon Laurent
EPI_ISL_1048610, EPI_ISL_1048613, EPI_ISL_1048633, EPI_ISL_1048634, EPI_ISL_1048635, EPI_ISL_1048636	Maine HETL	Tewhey Lab, The Jackson Laboratory	Matluk,N., Dewey,H., Isoue,F., Barter,M., Lynch,R., Munger,H. and Tewhey,R.
EPI_ISL_1049264, EPI_ISL_1049265, EPI_ISL_1049284, EPI_ISL_1049285, EPI_ISL_1049290, EPI_ISL_1049294, EPI_ISL_1049295, EPI_ISL_1049302, EPI_ISL_1049310, EPI_ISL_1049312, EPI_ISL_1049326, EPI_ISL_1049329			
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_1049521	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_1049581, EPI_ISL_1049635	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_1049668, EPI_ISL_1049791, EPI_ISL_1049792, EPI_ISL_1049793, EPI_ISL_1049823	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_1049885, EPI_ISL_1049915, EPI_ISL_1049921	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton
EPI_ISL_1050041, EPI_ISL_1050043, EPI_ISL_1050046, EPI_ISL_1050060, EPI_ISL_1050061	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_1053448, EPI_ISL_1054872	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_1054916	North Dakota Department of Health, Public Health Laboratory	North Dakota Department of Health, Public Health Laboratory	Lisa Wingerter
EPI_ISL_1054974, EPI_ISL_1054980, EPI_ISL_1054993, EPI_ISL_1054994	Instituto de Diagnostico y Referencia Epidemiologicos INDRE_RNLSP	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Claudia Wong-Arambula, Abril Rodriguez-Maldonado, Fabiola Garces-Ayala, Adnan Araiza-Rodriguez, David Fragoso-Fonseca, Sergio Rangel-Guerrero, Mayra Jimenez-Morales, Nancy Munoz-Hernandez, Natividad Cruz-Ortiz, Tatiana Nunez-Garcia, Gisela Barrera-Badillo, Lucia Hernandez-Rivas, Irma Lopez-Martinez, Ernesto Ramirez-Gonzalez.
EPI_ISL_1055033	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_1055435, EPI_ISL_1055440	Dr. Leonard A. Miller Centre for Health Services	National Microbiology Laboratory (NML)	Anna Majer, Shari Tyson, Grace Seo, Philip Mabon, Elsie Grudeski, Rhiannon Huzarewich, Russell Mandes, Anneliese Landgraff, Jennifer Tanner, Natalie Knox, Morag Graham, Gary Van Domselaar, Robert Needle, Yang Yu, Adel Malek, Laura Gilbert, George Zahariadis, Nathalie Bastien, Yan Li, Timothy Booth, Darian Hole, Madison Chapel, Kirsten Biggar, Kerri Smith, CanCOGeN's metadata curation team, Public Health Agency of Canada CanCOGeN team
EPI_ISL_1055669, EPI_ISL_1055671, EPI_ISL_1055676	QEII Health Sciences Centre	National Microbiology Laboratory (NML)	Anna Majer, Shari Tyson, Grace Seo, Philip Mabon, Elsie Grudeski, Rhiannon Huzarewich, Russell Mandes, Anneliese Landgraff, Jennifer Tanner, Natalie Knox, Morag Graham, Gary Van Domselaar, Todd Hatchette, Jason LeBlanc, Janice Pettipas, Dan Gaston, Nathalie Bastien, Yan Li, Timothy Booth, Darian Hole, Madison Chapel, Kirsten Biggar, CanCOGeN's metadata curation team, Public Health Agency of Canada CanCOGeN team
EPI_ISL_1058061	Baylor Scott & White - Southlake Family Medicine	Baylor Scott & White-Temple	Ari Rao, Linden Morales, Kimberly Walker, Marcus Volz, Shelby Hendrickson
EPI_ISL_1058854, EPI_ISL_1058899, EPI_ISL_1058920, EPI_ISL_1058948	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_1059253	Houston Health Dept.	Houston Health Dept.	Ryker Penn, Pamela Brown, Adolpho Lara
EPI_ISL_1060130	Innovative Genomics Institute, UC Berkeley	Innovative Genomics Institute, UC Berkeley	Stacia Wyman, Alison Ciling, Netravathi Krishnappa, Haridha Shivram, Phil Frankino, Liana Lareau
EPI_ISL_1060311, EPI_ISL_1060317	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_1060553	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Department
EPI_ISL_1060621, EPI_ISL_1060633, EPI_ISL_1060634, EPI_ISL_1060645, EPI_ISL_1060666, EPI_ISL_1060668	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_1060698, EPI_ISL_1060700,	Instituto de Diagnostico y Referencia Epidemiologicos	Instituto de Diagnostico y Referencia Epidemiologicos	Claudia Wong-Arambula, Abril Rodriguez-Maldonado, Fabiola Garces-Ayala, Adnan Araiza-Rodriguez, David Fragoso-Fonseca, Sergio Rangel-Guerrero,

EPI_ISL_1060715, EPI_ISL_1060755	(INDRE)_RNLSP	(INDRE)	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_1060787	NJ Rapid Response Teams	New Jersey Public Health Environmental Laboratories (NJ_PHEL)	Lindsey Bodnar, Shiv Verma, Dana Woell, Byeong Jeong
EPI_ISL_1060838, EPI_ISL_1060856	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin L. Young, Kelly F. Oakeson, Tara Gallagher
EPI_ISL_1063641, EPI_ISL_1063666	Division of Emerging Infectious Diseases, Bureau of Infectious Diseases Diagnosis Control, Korea Disease Control and Prevention Agency	Division of Emerging Infectious Diseases, Bureau of Infectious Diseases Diagnosis Control, Korea Disease Control and Prevention Agency	Ae Kyung Park, Il-Hwan Kim, Heui Man Kim, Jeong-Min Kim, Namjoo Lee, Chaeyoung Lee, Sang Hee Woo, Eun-Jin Kim
EPI_ISL_1064176, EPI_ISL_1064187, EPI_ISL_1064192	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_1064225, EPI_ISL_1064227	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_1064251, EPI_ISL_1064252, EPI_ISL_1064254, EPI_ISL_1064255	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_1064359, EPI_ISL_1064360	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_1064390, EPI_ISL_1064498	Vault Health	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1064501, EPI_ISL_1064506	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1064518	Vault Health	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1064873	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064877	OCME Office Of Chief Medical Examiner	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064893	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064896	DOHMH Chelsea	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064910	OCME Office Of Chief Medical Examiner	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064924	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_1064965	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_1066777	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_1067589	HOSPITAL DR. FERNANDO ESCALANTE PRADILLA	Incienza, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godínez, Melany Calderón, Caterina Guzmán, Nazareth Ruiz & Nicole Vargas-Viquez
EPI_ISL_1067650, EPI_ISL_1067692	Murphy Medical Associates	Grubaugh Lab - Yale School of Public Health	Mary Petrone, Joseph Fauver, Caleb Neal, Steven Murphy, Chantal Vogels, Mallery Breban, Annie Watkins, Tara Alpert, Nathan Grubaugh
EPI_ISL_1067705, EPI_ISL_1067706	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_1067887	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Kelsey R. Florek, Abigail C. Shockey
EPI_ISL_1068460, EPI_ISL_1068538, EPI_ISL_1068547, EPI_ISL_1068548, EPI_ISL_1068550, EPI_ISL_1068694, EPI_ISL_1068707, EPI_ISL_1068758, EPI_ISL_1068800, EPI_ISL_1068876, EPI_ISL_1068915, EPI_ISL_1068973, EPI_ISL_1068981, EPI_ISL_1069140	see above	Fulgent Genetics	Harry Gao, Mickey Li, John Gao, Joseph Fierro, Benafsh Sapra, Becky Tsai, Yan Meng, Doreen Ng, James Xie
EPI_ISL_1069247, EPI_ISL_1069266, EPI_ISL_1069298, EPI_ISL_1069319, EPI_ISL_1069331	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Shah Mohamed Bakhsh, Robert Livingston, Michelle Lin, Noah Baker, Meeli-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_1074317, EPI_ISL_1074323, EPI_ISL_1074382, EPI_ISL_1074390, EPI_ISL_1074396, EPI_ISL_1074406, EPI_ISL_1074445, EPI_ISL_1074463, EPI_ISL_1074506, EPI_ISL_1074573, EPI_ISL_1074638, EPI_ISL_1074661, EPI_ISL_1074676, EPI_ISL_1074735, EPI_ISL_1074769, EPI_ISL_1074793, EPI_ISL_1074908, EPI_ISL_1074942, EPI_ISL_1075212, EPI_ISL_1075233, EPI_ISL_1075303, EPI_ISL_1075369, EPI_ISL_1075398, EPI_ISL_1075436, EPI_ISL_1075456, EPI_ISL_1075491, EPI_ISL_1075533, EPI_ISL_1075648, EPI_ISL_1075731, EPI_ISL_1075743, EPI_ISL_1075804, EPI_ISL_1075880, EPI_ISL_1075883, EPI_ISL_1075954, EPI_ISL_1076027, EPI_ISL_1076040, EPI_ISL_1076044, EPI_ISL_1076054, EPI_ISL_1076056, EPI_ISL_1076074, EPI_ISL_1076090, EPI_ISL_1076134, EPI_ISL_1076318, EPI_ISL_1076321, EPI_ISL_1076330, EPI_ISL_1076444, EPI_ISL_1076546, EPI_ISL_1076589, EPI_ISL_1076618, EPI_ISL_1076699, EPI_ISL_1076713, EPI_ISL_1076716, EPI_ISL_1076728, EPI_ISL_1076752, EPI_ISL_1076792, EPI_ISL_1076972, EPI_ISL_1077105, EPI_ISL_1077220, EPI_ISL_1077240, EPI_ISL_1077415, EPI_ISL_1077499, EPI_ISL_1077553, EPI_ISL_1077561, EPI_ISL_1077573, EPI_ISL_1077585, EPI_ISL_1077790, EPI_ISL_1077792, EPI_ISL_1077805, EPI_ISL_1077824, EPI_ISL_1077846, EPI_ISL_1077859, EPI_ISL_1077888, EPI_ISL_1077952, EPI_ISL_1077968, EPI_ISL_1077998, EPI_ISL_1078030, EPI_ISL_1078062, EPI_ISL_1078068, EPI_ISL_1078105, EPI_ISL_1078184, EPI_ISL_1078376, EPI_ISL_1078379, EPI_ISL_1078546, EPI_ISL_1078577, EPI_ISL_1078641, EPI_ISL_1078706, EPI_ISL_1078766, EPI_ISL_1078767, EPI_ISL_1078796, EPI_ISL_1078897, EPI_ISL_1078959, EPI_ISL_1079009, EPI_ISL_1079014, EPI_ISL_1079080, EPI_ISL_1079091, EPI_ISL_1079097, EPI_ISL_1079101, EPI_ISL_1079129, EPI_ISL_1079207, EPI_ISL_1079283, EPI_ISL_1079300, EPI_ISL_1079414, EPI_ISL_1079426, EPI_ISL_1079541, EPI_ISL_1079583, EPI_ISL_1079598, EPI_ISL_1079600, EPI_ISL_1079622, EPI_ISL_1079649, EPI_ISL_1079706, EPI_ISL_1079718, EPI_ISL_1079724, EPI_ISL_1079852, EPI_ISL_1079955, EPI_ISL_1079959, EPI_ISL_1080052, EPI_ISL_1080089, EPI_ISL_1080105, EPI_ISL_1080281	see above	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_1080343	NJ Rapid Response Teams	NJ_PHEL	Lindsey Bodnar, Shiv Verma, Dana Woell, Byeong Jeong
EPI_ISL_1080368	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_1080442	Instituto Nacional de Medicina Genomica	Instituto Nacional de Medicina Genomica	Hidalgo-Miranda A, Mendoza-Vargas A, Reyes-Grajeda JP, Cedro-Tanda A, Alcaraz N, Gonzalez-Barrera D, Rangel-DeLeon D, Ramirez-Vega O, Sifuentes-Rojas C, Cisneros-Villanueva M, Herrera-Montalvo LA
EPI_ISL_1080854	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_1081024	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_1081219, EPI_ISL_1081222, EPI_ISL_1081223, EPI_ISL_1081226, EPI_ISL_1081236, EPI_ISL_1081237, EPI_ISL_1081238, EPI_ISL_1081243	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_1081430, EPI_ISL_1081439	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_1081664	Scripps Medical Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Michael Quigley, Ellen Stefanski, Ian Mchardy
EPI_ISL_1086272, EPI_ISL_1086343, EPI_ISL_1086382, EPI_ISL_1086383, EPI_ISL_1086384, EPI_ISL_1086419, EPI_ISL_1086431, EPI_ISL_1086473, EPI_ISL_1086525, EPI_ISL_1086550, EPI_ISL_1086560, EPI_ISL_1086562, EPI_ISL_1086573, EPI_ISL_1086602, EPI_ISL_1086603, EPI_ISL_1086647, EPI_ISL_1086653, EPI_ISL_1086671, EPI_ISL_1086707, EPI_ISL_1086744, EPI_ISL_1086746, EPI_ISL_1086829, EPI_ISL_1086834, EPI_ISL_1086872, EPI_ISL_1086904, EPI_ISL_1087036, EPI_ISL_1087084, EPI_ISL_1087145, EPI_ISL_1087156	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, R. Anderson, M. Hua, Y. Liu, 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 Rong, Duncan MacCannell
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, R. Anderson, M. Hua, Y. Liu, 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 Rong, Duncan MacCannell

EPI_ISL_1087274, EPI_ISL_1087305, EPI_ISL_1087313, EPI_ISL_1087338, EPI_ISL_1087348	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_1087485, EPI_ISL_1087547, EPI_ISL_1087580, EPI_ISL_1087742, EPI_ISL_1087752, EPI_ISL_1087754, EPI_ISL_1087784, EPI_ISL_1087787, EPI_ISL_1087795, EPI_ISL_1087805, EPI_ISL_1087880, EPI_ISL_1087883, EPI_ISL_1087886, EPI_ISL_1087888, EPI_ISL_1088105, EPI_ISL_1088128, EPI_ISL_1088280, EPI_ISL_1088290, EPI_ISL_1088359, EPI_ISL_1088383, EPI_ISL_1088412	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_1088599, EPI_ISL_1088727, EPI_ISL_1088737, EPI_ISL_1088776, EPI_ISL_1088804, EPI_ISL_1088808, EPI_ISL_1088846, EPI_ISL_1088854, EPI_ISL_1088858, EPI_ISL_1088895, EPI_ISL_1088908, EPI_ISL_1088915, EPI_ISL_1088939, EPI_ISL_1088964, EPI_ISL_1088976, EPI_ISL_1088981, EPI_ISL_1088982, EPI_ISL_1089002, EPI_ISL_1089008, EPI_ISL_1089079, EPI_ISL_1089096, EPI_ISL_1089131, EPI_ISL_1089169, EPI_ISL_1089171, EPI_ISL_1089176, EPI_ISL_1089178, EPI_ISL_1089181, EPI_ISL_1089232, EPI_ISL_1089259, EPI_ISL_1089283, EPI_ISL_1089306, EPI_ISL_1089315, EPI_ISL_1089328, EPI_ISL_1089395, EPI_ISL_1089398, EPI_ISL_1089416, EPI_ISL_1089428	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_1090278, EPI_ISL_1090280, EPI_ISL_1090295, EPI_ISL_1090339, EPI_ISL_1090414, EPI_ISL_1090424, EPI_ISL_1090456, EPI_ISL_1090490, EPI_ISL_1090499, EPI_ISL_1090526, EPI_ISL_1090528, EPI_ISL_1090578, EPI_ISL_1090586, EPI_ISL_1090593, EPI_ISL_1090601, EPI_ISL_1090605, EPI_ISL_1090614, EPI_ISL_1090620, EPI_ISL_1090631, EPI_ISL_1090682, EPI_ISL_1090753, EPI_ISL_1090807, EPI_ISL_1090846, EPI_ISL_1090847, EPI_ISL_1090848, EPI_ISL_1090863, EPI_ISL_1090896, EPI_ISL_1090911, EPI_ISL_1090941, EPI_ISL_1090968, EPI_ISL_1090980	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_1091242, EPI_ISL_1091243, EPI_ISL_1091244, EPI_ISL_1091255, EPI_ISL_1091257	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, Elise 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_1091263, EPI_ISL_1091269	Laboratorio PGM	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, Javier Ramos-Jimenez, Gabriela Elizondo, Eduardo Garza-de-la-Peña
EPI_ISL_1091625, EPI_ISL_1091664, EPI_ISL_1091756, EPI_ISL_1091766	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_1091810, EPI_ISL_1091826, EPI_ISL_1091830, EPI_ISL_1091858, EPI_ISL_1091863	Murphy Medical Associates	Grubaugh Lab - Yale School of Public Health	Mary Petrone, Joseph Fauver, Caleb Neal, Steven Murphy, Chantal Vogels, Mallery Breban, Annie Watkins, Tara Alpert, Nathan Grubaugh
EPI_ISL_1091910	New York Presbyterian / Weill Cornell Medicine	Grubaugh Lab - Yale School of Public Health	Mary Petrone, Joseph Fauver, Tara Alpert, Anderson Brito, Mallery Breban, Anne Wyllie, Chantal Vogels, Annie Watkins, Chaney Kalinich, Isabel Ott, Nathan Grubaugh
EPI_ISL_1091917	Murphy Medical Associates	Grubaugh Lab - Yale School of Public Health	Mary Petrone, Joseph Fauver, Caleb Neal, Steven Murphy, Chantal Vogels, Mallery Breban, Annie Watkins, Tara Alpert, Nathan Grubaugh
EPI_ISL_1091936, EPI_ISL_1091946, EPI_ISL_1091956, EPI_ISL_1091962, EPI_ISL_1091966, EPI_ISL_1091967, EPI_ISL_1091976, EPI_ISL_1091979, EPI_ISL_1091985, EPI_ISL_1091986, EPI_ISL_1091992, EPI_ISL_1091995, EPI_ISL_1091997, EPI_ISL_1091999	Johns Hopkins Hospital Department of Pathology	Johns Hopkins Hospital Department of Pathology	C. Paul Morris, Chun Hual Luo, Adannaya Amadi, Matthew Schwartz, Nicholas Gallagher, Heba H. Mostafa
EPI_ISL_1093058, EPI_ISL_1093059, EPI_ISL_1093063, EPI_ISL_1093066, EPI_ISL_1093067	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1093548, EPI_ISL_1093551, EPI_ISL_1093579, EPI_ISL_1093583, EPI_ISL_1093585, EPI_ISL_1093596	Alameda County Public Health Department	Alameda County Public Health Department	Kristna Hsieh, Maria Elma, Kevin Libuit
EPI_ISL_1093643, EPI_ISL_1093656, EPI_ISL_1093756, EPI_ISL_1093878, EPI_ISL_1093923, EPI_ISL_1093944, EPI_ISL_1094025, EPI_ISL_1094054, EPI_ISL_1094095, EPI_ISL_1094101, EPI_ISL_1094105, EPI_ISL_1094138, EPI_ISL_1094139	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_1094209	HI Dept. of Health, State Laboratories Division	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, Dhvani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1094324	MT Public Health Laboratory	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Halbin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1094325	CA-Los Angeles County Public Health Laboratory	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Halbin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1094326	IN State Department of Health Laboratory Services	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Halbin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1094327, EPI_ISL_1094346	AZ SPHL, Arizona Department of Health Services	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Halbin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1094349	KS Health and Environmental Laboratories	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Halbin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1094448, EPI_ISL_1094449, EPI_ISL_1094450, EPI_ISL_1094455	PA Department of Health, Bureau of Laboratories	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Halbin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1094477, EPI_ISL_1094479, EPI_ISL_1094480, EPI_ISL_1094481	CT-Dr. Katherine A. Kelley State Public Health Lab	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Halbin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1094482, EPI_ISL_1094483, EPI_ISL_1094486	Philadelphia Department 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, Halbin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1094610	TN Division of Laboratory Services	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Halbin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1094622, EPI_ISL_1094624, EPI_ISL_1094628, EPI_ISL_1094629, EPI_ISL_1094635, EPI_ISL_1094636	DE Public Health Laboratory	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Halbin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1094739	NE Public Health Laboratory	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Halbin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1094773, EPI_ISL_1094774	HI Dept. of Health, State Laboratories Division	Respiratory Viruses Branch, Division of Viral Diseases,	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine

EPI_ISL_1094851	DC Public Health Lab/ Dept. of Forensic Sciences	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
		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_1094886	LA Office of Public Health Laboratories	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1094909	ND Dept. of Health Laboratory Services-Microbiology	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_1094991	AZ SPHL, Arizona Department of Health Services	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1095007, EPI_ISL_1095008, EPI_ISL_1095034, EPI_ISL_1095039	MD DOH Laboratories Administration	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_1095097	GA Department of Public Health Laboratory	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1095131, EPI_ISL_1095136, EPI_ISL_1095159, EPI_ISL_1095168	NYSDOH Wadsworth Center, Virology Lab	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1095170, EPI_ISL_1095180	PA Department of Health, Bureau of Laboratories	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1095272	AZ SPHL, Arizona Department of Health Services	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1095282	MI - Michigan Department of Health and Human Services - Bureau of Laboratories	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1095297, EPI_ISL_1095299	ND Dept. of Health Laboratory Services-Microbiology	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_1095771, EPI_ISL_1095775, EPI_ISL_1095799, EPI_ISL_1095943, EPI_ISL_1095966, EPI_ISL_1096015	Fulgent Genetics	Fulgent Genetics	Harry Gao, Mickey Li, John Gao, Joseph Fierro, Benafsh Sapra, Becky Tsai, Yan Meng, Doreen Ng, James Xie
EPI_ISL_1097369, EPI_ISL_1097389, EPI_ISL_1097409, EPI_ISL_1097417, EPI_ISL_1097437, EPI_ISL_1097438	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton
EPI_ISL_1097517, EPI_ISL_1097568, EPI_ISL_1097569, EPI_ISL_1097570, EPI_ISL_1097571, EPI_ISL_1097572, EPI_ISL_1097573, EPI_ISL_1097574, EPI_ISL_1097575, EPI_ISL_1097610	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_1097721	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_1097760	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_1097900, EPI_ISL_1098008, EPI_ISL_1098052, EPI_ISL_1098072, EPI_ISL_1098156, EPI_ISL_1098187, EPI_ISL_1098308, EPI_ISL_1098361, EPI_ISL_1098388, EPI_ISL_1098416, EPI_ISL_1098546, EPI_ISL_1098547	see above	see above	see above
EPI_ISL_1098807, EPI_ISL_1098813	DeRisi Lab, University of California, San Francisco	DeRisi Lab, University of California, San Francisco	Henry Lee, Michael Hammerling, Melissa Hopkins, Cybill del Castillo, Shinyoung Clair Kang, William Ward, Pradeep Bugga, Haiping Hao, Jon Laurent 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_1110034, EPI_ISL_1110041, EPI_ISL_1110066, EPI_ISL_1110115, EPI_ISL_1110126	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_1110566, EPI_ISL_1110576	Kansas Health and Environmental Lab	Kansas Health and Environmental Lab	Mike Grose, Carissa Robertson, Ben Olsen, and Phil Adam
EPI_ISL_1111306	Laboratorio de Referencia Nacional de Virus Respiratorio. Instituto Nacional de Salud Perú	Laboratorio de Referencia Nacional de Enteropatógenos. Instituto Nacional de Salud del Perú	Ronnie Gavilan Chavez, Junior Caro Castro, Willi Quino Sifuentes, Veronica Hurtado Vela, Iris Silva Molina, Fiorella Orellana Peralta
EPI_ISL_1111589	Virginia Division of Consolidated Laboratory Services	Virginia Division of Consolidated Laboratory Services	Virginia DCLS
EPI_ISL_1113172	RWJ University Hospital-Rahway	New Jersey Public Health and Environmental Laboratories (PHEL)	Lindsey Bodnar, Shiv Verma, Dana Woell, Byeong Jeong
EPI_ISL_1113303	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_1113332, EPI_ISL_1113333, EPI_ISL_1113354	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_1113496, EPI_ISL_1113549, EPI_ISL_1113559	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_1113580, EPI_ISL_1113581, EPI_ISL_1113588, EPI_ISL_1113608, EPI_ISL_1113653, EPI_ISL_1113658, EPI_ISL_1113666	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_1113708	Kashi Clinical Laboratory	Kashi Clinical Laboratory	Zahra Kashi, Jenefer DeKoning
EPI_ISL_1113737	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_1113774, EPI_ISL_1113828	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_1113843	Kashi Clinical Laboratory	Kashi Clinical Laboratory	Zahra Kashi, Jenefer DeKoning
EPI_ISL_1113872, EPI_ISL_1113908, EPI_ISL_1113948, EPI_ISL_1113952, EPI_ISL_1114028, EPI_ISL_1114034	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_1114066	Kashi Clinical Laboratory	Kashi Clinical Laboratory	Zahra Kashi, Jenefer DeKoning

EPI_ISL_1114113, EPI_ISL_1114145, EPI_ISL_1114148	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_1114161, EPI_ISL_1114186, EPI_ISL_1114198	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_1114205, EPI_ISL_1114207, EPI_ISL_1114213, EPI_ISL_1114222	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_1114347, EPI_ISL_1114348	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_1114451	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin L. Young, Kelly F. Oakeson, Tara Gallagher
EPI_ISL_1114490	Department of Health and Mental Hygiene Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1114529	OCME Office Of Chief Medical Examiner	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1114561, EPI_ISL_1114576, EPI_ISL_1114600, EPI_ISL_1114606, EPI_ISL_1114619	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_1114688	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_1116536, EPI_ISL_1116540	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_1117373	Instituto Nacional de Medicina Genomica	Instituto Nacional de Medicina Genomica	Hidalgo-Miranda A, Mendoza-Vargas A, Reyes-Grajeda JP, Cedro-Tanda A, Alcaraz N, Gonzalez-Barrera D, Rangel-DeLeon D, Ramirez-Vega O, Sifuentes-Rojas C, Cisneros-Villanueva M, Herrera-Montalvo LA
EPI_ISL_1118702	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_1120978, EPI_ISL_1120988	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_1121064, EPI_ISL_1121080, EPI_ISL_1121081, EPI_ISL_1121113	Nebraska Public Health Laboratory	NPHL COVID-19 Response Team	NPHL COVID-19 Response Team
EPI_ISL_1121255, EPI_ISL_1121274, EPI_ISL_1121275, EPI_ISL_1121279	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_1121499, EPI_ISL_1121533	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_1121559	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_1121675	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_1121708, EPI_ISL_1121743, EPI_ISL_1121771, EPI_ISL_1121799, EPI_ISL_1121808	Massachusetts General Hospital	Infectious Disease Program, Broad Institute of Harvard and MIT	Lemieux,J.E., Siddle,K.J., Shaw,B., Adams,G., Pierce,V., Turbett,S., Anahtar,M., Branda,J., Slater,D., Harris,J., Lin,A.E., Gladden-Young,A., Lagerborg,K., Rudy,M., DeRuff,K., Carter,A., Normandin,E., Bauer,M., Reilly,S., Tomkins-Tinch,C., Loreth,C., Chaluvadi,S., Neumann,A., Cusick,C., Chapman,S.B., Gnirke,A., Flowers,K., Cerrato,F., Birren,B.W., Gallagher,G., Smole,S., Park,D.J., MacInnis,B.L., Ryan,E., LaRocque,R., Rosenberg,E. and Sabeti,P.C.
EPI_ISL_1121826, EPI_ISL_1121827, EPI_ISL_1121830, EPI_ISL_1121848	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_1121913	Department of Health & Mental Hygiene Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1122025, EPI_ISL_1122042, EPI_ISL_1122091, EPI_ISL_1122174, EPI_ISL_1122178, EPI_ISL_1122184, EPI_ISL_1122217, EPI_ISL_1122223, EPI_ISL_1122261, EPI_ISL_1122262, EPI_ISL_1122323, EPI_ISL_1122347			
see above	OHSU Lab Services Molecular Microbiology Lab	Oregon SARS-CoV-2 Genome Sequencing Center	Brendan L. O'Connell, Sally Grindstaff, Kayla Carter, Ruth V. Nichols, Alec J. Hirsch, Donna Hansel, Guang Fan, Xuan, Qin, Daniel N. Streblow, William B. Messer, Andrew C. Adey, Benjamin N. Bimber, Brian J. O'Roak
EPI_ISL_1132161, EPI_ISL_1132231, EPI_ISL_1132255, EPI_ISL_1132275, EPI_ISL_1132301, EPI_ISL_1132313	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton
EPI_ISL_1132661, EPI_ISL_1132665, EPI_ISL_1132666	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_1132751, EPI_ISL_1132810	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1132861, EPI_ISL_1132883, EPI_ISL_1132923, EPI_ISL_1132952, EPI_ISL_1132953	Fulgent Genetics	Fulgent Genetics	Harry Gao, Mickey Li, John Gao, Joseph Fierro, Benafsh Sapra, Becky Tsai, Yan Meng, Doreen Ng, James Xie
EPI_ISL_1133106, EPI_ISL_1133107, EPI_ISL_1133108, EPI_ISL_1133109, EPI_ISL_1133110, EPI_ISL_1133111, EPI_ISL_1133112, EPI_ISL_1133113, EPI_ISL_1133114, EPI_ISL_1133115, EPI_ISL_1133116, EPI_ISL_1133117, EPI_ISL_1133118			
see above	DC Public Health Lab/ Dept. of Forensic Sciences	DC Public Health Lab/ Dept. of Forensic Sciences	Scott Nguyen, Janis Doss, Elizabeth Zelaya, Sarah Scott, Connie Maza, Monica Mann, Brittany Hamilton, David Payne, Jocelyn Hauser
EPI_ISL_1133212, EPI_ISL_1133213	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_1133891, EPI_ISL_1133927, EPI_ISL_1133939, EPI_ISL_1133967, EPI_ISL_1133977, EPI_ISL_1134025, EPI_ISL_1134032, EPI_ISL_1134074, EPI_ISL_1134104, EPI_ISL_1134123, EPI_ISL_1134141, EPI_ISL_1134170, EPI_ISL_1134207, EPI_ISL_1134241, EPI_ISL_1134243, EPI_ISL_1134312, EPI_ISL_1134313, EPI_ISL_1134318, EPI_ISL_1134322, EPI_ISL_1134330, EPI_ISL_1134374, EPI_ISL_1134397, EPI_ISL_1134448, EPI_ISL_1134543, EPI_ISL_1134575, EPI_ISL_1134662, EPI_ISL_1134667, EPI_ISL_1134692, EPI_ISL_1134720, EPI_ISL_1134768, EPI_ISL_1134793, EPI_ISL_1134813			
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_1135887, EPI_ISL_1135901, EPI_ISL_1135933, EPI_ISL_1135937, EPI_ISL_1135946, EPI_ISL_1135947, EPI_ISL_1135948, EPI_ISL_1135949, EPI_ISL_1135950, EPI_ISL_1136003, EPI_ISL_1136218, EPI_ISL_1136225, EPI_ISL_1136228, EPI_ISL_1136231, EPI_ISL_1136234, EPI_ISL_1136235, EPI_ISL_1136249, EPI_ISL_1136253, EPI_ISL_1136311, EPI_ISL_1136339, EPI_ISL_1136507, EPI_ISL_1136527, EPI_ISL_1136598, EPI_ISL_1136606, EPI_ISL_1136636, EPI_ISL_1136691, EPI_ISL_1136696, EPI_ISL_1136787, EPI_ISL_1136795, EPI_ISL_1136871, EPI_ISL_1136879, EPI_ISL_1136880, EPI_ISL_1136890, EPI_ISL_1136897,			

EPI_ISL_1136902, EPI_ISL_1136912, EPI_ISL_1136914, EPI_ISL_1136919, EPI_ISL_1136925, EPI_ISL_1136930, EPI_ISL_1136947, EPI_ISL_1136949, EPI_ISL_1136950			
see above	Nevada State Public Health Laboratory	Nevada State Public Health Laboratory	Andrew Gorzalski, Mark Pandori
EPI_ISL_1136979, EPI_ISL_1136981, EPI_ISL_1136989, EPI_ISL_1136990, EPI_ISL_1136993, EPI_ISL_1136996, EPI_ISL_1136997, EPI_ISL_1136998, EPI_ISL_1136999, EPI_ISL_1137014, EPI_ISL_1137021, EPI_ISL_1137028, EPI_ISL_1137041, EPI_ISL_1137044			
see above	Delaware Public Health Lab	Delaware Public Health Lab	Gregory Hovan
EPI_ISL_1137085	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cihahub Consortium
EPI_ISL_1137178, EPI_ISL_1137182, EPI_ISL_1137183, EPI_ISL_1137184, EPI_ISL_1137209, EPI_ISL_1137244	UPMC Clinical Microbiology Laboratory	Microbial Genome Sequencing Center; Microbial Genomic Epidemiology Laboratory, University of Pittsburgh	Lee H. Harrison, Jane W. Marsh, Marissa P. Griffith, Stephanie L. Mitchell, Vatsala R. Srinivasa, Kady D. Waggle, Daniel J. Snyder, Vaughn S. Cooper
EPI_ISL_1137288	Nevada State Public Health Laboratory	Nevada State Public Health Laboratory	Andrew Gorzalski, Mark Pandori
EPI_ISL_1137459	LABDIS-UAGro	Instituto Nacional de Medicina Genomica	Hidalgo-Miranda A, Mendoza-Vargas A, Reyes-Grajeda JP, Cedro-Tanda A, Alcaraz N, Gonzalez-Barrera D, Rangel-DeLeon D, Ramirez-Vega O, Sifuentes-Rojas C, Cisneros-Villanueva M, Herrera-Montalvo LA, Berenice Illades-Aguilar, Oscar del Moral-Hernandez, Adolfo Roman-Roman, Marco Antonio-Leyva, Daniel Hernandez-Sotelo, Hugo A. Rodriguez-Ruiz, Fredy O Beltran-Anaya, Roberto Dircio Maldonado, Julio C. Azucar-Hesiquio, Azucena D. Alvarez-Diaz, CirestheI Bello-Rios, Gladys W. Valente-Nio, Jaqueline Loeaza-Loeza, Madian Valadez-Quinones, Luis I. Basilio-Leyva.
EPI_ISL_1137498	New Jersey Department of Health, Public Health and Environmental Laboratories	New Jersey Public Health and Environmental Laboratories	Lindsey Bodnar, Shiv K. Verma, Dana Woell, Byeong Jeong
EPI_ISL_1138208, EPI_ISL_1138224	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_1139189, EPI_ISL_1139207, EPI_ISL_1139235, EPI_ISL_1139239, EPI_ISL_1139257, EPI_ISL_1139262, EPI_ISL_1139267, EPI_ISL_1139280, EPI_ISL_1139318, EPI_ISL_1139347, EPI_ISL_1139355, EPI_ISL_1139356, EPI_ISL_1139374, EPI_ISL_1139499, EPI_ISL_1139503, EPI_ISL_1139513, EPI_ISL_1139514, EPI_ISL_1139569, EPI_ISL_1139579, EPI_ISL_1139593, EPI_ISL_1139595, EPI_ISL_1139620, EPI_ISL_1139644, EPI_ISL_1139762, EPI_ISL_1139763, EPI_ISL_1139803, EPI_ISL_1139921, EPI_ISL_1139922, EPI_ISL_1139923, EPI_ISL_1139924, EPI_ISL_1139928, EPI_ISL_1139929, EPI_ISL_1139932, EPI_ISL_1139948			
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_1140069	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_1143152	Bioscientia MVZ Labor Karlsruhe GmbH	Robert Koch Institute	unknown
EPI_ISL_1157002	Virginia Division of Consolidated Laboratory Services	Virginia Division of Consolidated Laboratory Services	Virginia DCLS
EPI_ISL_1157444, EPI_ISL_1157510, EPI_ISL_1157529, EPI_ISL_1157569	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_1158178, EPI_ISL_1158206, EPI_ISL_1158240, EPI_ISL_1158300, EPI_ISL_1158406	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_1158970, EPI_ISL_1158971, EPI_ISL_1158984, EPI_ISL_1158995, EPI_ISL_1158998, EPI_ISL_1159046, EPI_ISL_1159060, EPI_ISL_1159064	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_1159118, EPI_ISL_1159119, EPI_ISL_1159120	DC Public Health Lab/ Dept. of Forensic Sciences	DC Public Health Lab/ Dept. of Forensic Sciences	Scott Nguyen, Janis Doss, Elizabeth Zelaya, Sarah Scott, Connie Maza, Monica Mann, Brittany Hamilton, David Payne, Jocelyn Hauser
EPI_ISL_1159260, EPI_ISL_1159270, EPI_ISL_1159277, EPI_ISL_1159343, EPI_ISL_1159345	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_1159428, EPI_ISL_1159478, EPI_ISL_1159579	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_1159823	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Kelsey R. Florek, Abigail C. Shockey
EPI_ISL_1159887, EPI_ISL_1159888, EPI_ISL_1159906, EPI_ISL_1159914, EPI_ISL_1159933, EPI_ISL_1159948, EPI_ISL_1159952, EPI_ISL_1159970, EPI_ISL_1159971, EPI_ISL_1159980, EPI_ISL_1160029, EPI_ISL_1160038, EPI_ISL_1160057, EPI_ISL_1160232, EPI_ISL_1160235, EPI_ISL_1160236, EPI_ISL_1160241, EPI_ISL_1160242, EPI_ISL_1160257, EPI_ISL_1160638, EPI_ISL_1160648, EPI_ISL_1160653, EPI_ISL_1160725, EPI_ISL_1160839, EPI_ISL_1160901, EPI_ISL_1160945, EPI_ISL_1160969, EPI_ISL_1160991, EPI_ISL_1160999, EPI_ISL_1161015, EPI_ISL_1161053, EPI_ISL_1161059, EPI_ISL_1161080, EPI_ISL_1161091, EPI_ISL_1161102, EPI_ISL_1161123, EPI_ISL_1161166, EPI_ISL_1161168, EPI_ISL_1161190, EPI_ISL_1161228, EPI_ISL_1161234, EPI_ISL_1161239, EPI_ISL_1161254, EPI_ISL_1161258, EPI_ISL_1161259, EPI_ISL_1161292, EPI_ISL_1161294, EPI_ISL_1161306, EPI_ISL_1161320, EPI_ISL_1161388, EPI_ISL_1161445, EPI_ISL_1161449, EPI_ISL_1161451, EPI_ISL_1161458, EPI_ISL_1161495, EPI_ISL_1161515, EPI_ISL_1161528, EPI_ISL_1161577, EPI_ISL_1161607, EPI_ISL_1161609, EPI_ISL_1161613, EPI_ISL_1161614, EPI_ISL_1161627, EPI_ISL_1161653, EPI_ISL_1161673, EPI_ISL_1161692, EPI_ISL_1161731, EPI_ISL_1161732, EPI_ISL_1161734, EPI_ISL_1161791, EPI_ISL_1161844, EPI_ISL_1161849, EPI_ISL_1161850, EPI_ISL_1161862, EPI_ISL_1161948, EPI_ISL_1161952, EPI_ISL_1162626, EPI_ISL_1162658, EPI_ISL_1162679, EPI_ISL_1162686, EPI_ISL_1162851, EPI_ISL_1162857, EPI_ISL_1162861, EPI_ISL_1162867, EPI_ISL_1162873, EPI_ISL_1162886, EPI_ISL_1162901, EPI_ISL_1162943, EPI_ISL_1163048, EPI_ISL_1163058, EPI_ISL_1163072, EPI_ISL_1163101, EPI_ISL_1163136, EPI_ISL_1163144, EPI_ISL_1163158, EPI_ISL_1163186, EPI_ISL_1163190, EPI_ISL_1163219, EPI_ISL_1163226, EPI_ISL_1163242, EPI_ISL_1163245, EPI_ISL_1163277, EPI_ISL_1163300, EPI_ISL_1163360, EPI_ISL_1163361, EPI_ISL_1163368, EPI_ISL_1163375, EPI_ISL_1163393, EPI_ISL_1163410, EPI_ISL_1163413, EPI_ISL_1163444, EPI_ISL_1163445, EPI_ISL_1163453, EPI_ISL_1163460, EPI_ISL_1163475, EPI_ISL_1163478			
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_1163747	Clinical Molecular Microbiology Laboratory, UNC Hospital	Dirk Dittmer	Justin T. Landis , Razia Moorad , Brent A. Eason, Melissa B. Miller, Linda Pluta, Dirk Dittmer, Angelica Juarez, Cecilia Thompson, Shawn Hawken, Cameron Grant, Evelyn Hoffman, Patricia Cano, Jason Wong, Carolina Caro-Vegas, Ryan McNamara, Blossom Damania.
EPI_ISL_1164373, EPI_ISL_1164374, EPI_ISL_1164375, EPI_ISL_1164414, EPI_ISL_1164430, EPI_ISL_1164431, EPI_ISL_1164437	Fulgent Genetics	Fulgent Genetics	Harry Gao, Mickey Li, John Gao, Joseph Fierro, Benafsh Sapra, Becky Tsai, Yan Meng, Doreen Ng, James Xie
EPI_ISL_1164486, EPI_ISL_1164490, EPI_ISL_1164491, EPI_ISL_1164497, EPI_ISL_1164517	Sanford South University Medical Center	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1164769	NJDOH, Public Health and Environmental Laboratories	NJ_PHEL	Lindsey Bodnar, Shiv K. Verma, Dana Woell, Byeong Jeong
EPI_ISL_1164779	School of Pharmacy, Shenandoah University	School of Pharmacy, Shenandoah University	Adams,S.M., Harralson,A.F., Kidd,R.S., Sawyer,G.W.
EPI_ISL_1164818, EPI_ISL_1164827, EPI_ISL_1164830, EPI_ISL_1164831, EPI_ISL_1164841, EPI_ISL_1164843,	Nevada State Public Health Laboratory	Nevada State Public Health Laboratory	Andrew Gorzalski, Mark Pandori

EPI_ISL_1164844			
EPI_ISL_1165618, EPI_ISL_1165626	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_1166616, EPI_ISL_1166630, EPI_ISL_1166639, EPI_ISL_1166640, EPI_ISL_1166644, EPI_ISL_1166649, EPI_ISL_1167100	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_1167244	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_1167261, EPI_ISL_1167273, EPI_ISL_1167280, EPI_ISL_1167283	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_1167960, EPI_ISL_1167966	GA Department of Public Health Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Brian Lynch, Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Haibin Wang., Suxiang Tong
EPI_ISL_1168227	TXDSHS	TXDSHS	Rashmi Tuladhar, Bonnie Oh, Jenny Zhang, Maliha Rahman, Mayela Pedrueza, Anita Pokharel, Myong Koag, Chun Wang, Rachel Lee, Grace Kubin
EPI_ISL_1168451	DC Public Health Lab/ Dept. of Forensic Sciences	DC Public Health Lab/ Dept. of Forensic Sciences	Scott Nguyen, Janis Doss, Elizabeth Zelaya, Sarah Scott, Connie Maza, Monica Mann, Brittany Hamilton, David Payne, Jocelyn Hauser
EPI_ISL_1168471, EPI_ISL_1168487, EPI_ISL_1168491, EPI_ISL_1168497, EPI_ISL_1168502, EPI_ISL_1168507, EPI_ISL_1168508, EPI_ISL_1168511, EPI_ISL_1168515, EPI_ISL_1168517, EPI_ISL_1168519, EPI_ISL_1168525, EPI_ISL_1168541, EPI_ISL_1168546, EPI_ISL_1168566, EPI_ISL_1168579, EPI_ISL_1168610, EPI_ISL_1168619, EPI_ISL_1168620, EPI_ISL_1168621			
see above	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_1168702	Houston Health Dept.	Houston Health Dept.	Ryker Penn, Pamela Brown, Adolpho Lara
EPI_ISL_1169483, EPI_ISL_1169486, EPI_ISL_1169493, EPI_ISL_1169495, EPI_ISL_1169516, EPI_ISL_1169517, EPI_ISL_1169521, EPI_ISL_1169525, EPI_ISL_1169527, EPI_ISL_1169529, EPI_ISL_1169531, EPI_ISL_1169532, EPI_ISL_1169533, EPI_ISL_1169535, EPI_ISL_1169537			
see above	Commonwealth Healthcare Center	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1169571	Swedish Medical Center, Seattle, WA, USA	Institute for Systems Biology	Jason D. Goldman, Chris Lausted, Kai Wang, Jared C. Roach, James R. Heath, Julie A. Wallick
EPI_ISL_1169618, EPI_ISL_1169631, EPI_ISL_1169640, EPI_ISL_1169677, EPI_ISL_1169679, EPI_ISL_1169680, EPI_ISL_1169685, EPI_ISL_1169686, EPI_ISL_1169713, EPI_ISL_1169742, EPI_ISL_1169743, EPI_ISL_1169744, EPI_ISL_1169745, EPI_ISL_1169746, EPI_ISL_1169747, EPI_ISL_1169748, EPI_ISL_1169749, EPI_ISL_1169750, EPI_ISL_1169751, EPI_ISL_1169752, EPI_ISL_1169753, EPI_ISL_1169754, EPI_ISL_1169755, EPI_ISL_1169756, EPI_ISL_1169757, EPI_ISL_1169758, EPI_ISL_1169759, EPI_ISL_1169760, EPI_ISL_1169761, EPI_ISL_1169762, EPI_ISL_1169763, EPI_ISL_1169764, EPI_ISL_1169765, EPI_ISL_1169766, EPI_ISL_1169767, EPI_ISL_1169768, EPI_ISL_1169769, EPI_ISL_1169770, EPI_ISL_1169771, EPI_ISL_1169772, EPI_ISL_1169773, EPI_ISL_1169774			
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_1169820, EPI_ISL_1169821, EPI_ISL_1169822, EPI_ISL_1169824	Nevada State Public Health Laboratory	Nevada State Public Health Laboratory	Andrew Gorzalski, Mark Pandori
EPI_ISL_1169916	Nebraska Public Health Laboratory	NPHL COVID-19 Response Team	NPHL COVID-19 Response Team
EPI_ISL_1169922	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_1170888, EPI_ISL_1170892	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_1170970, EPI_ISL_1170994, EPI_ISL_1171002, EPI_ISL_1171067, EPI_ISL_1171075, EPI_ISL_1171111, EPI_ISL_1171113, EPI_ISL_1171117, EPI_ISL_1171124, EPI_ISL_1171129, EPI_ISL_1171209, EPI_ISL_1171219, EPI_ISL_1171232, EPI_ISL_1171247, EPI_ISL_1171262, EPI_ISL_1171302, EPI_ISL_1171314, EPI_ISL_1171353, EPI_ISL_1171356, EPI_ISL_1171358, EPI_ISL_1171413, EPI_ISL_1171438, EPI_ISL_1171463			
see above	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_1171789, EPI_ISL_1171811, EPI_ISL_1171832, EPI_ISL_1171853	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_1172020	Baylor Scott & White-Irving	Baylor Scott & White-Temple	Ari Rao, Linden Morales, Kimberly Walker, Marcus Volz, Shelby Hendrickson, Caitlin Maloney
EPI_ISL_1172106	Fulgent Genetics	Fulgent Genetics	Harry Gao, Mickey Li, John Gao, Joseph Fierro, Benafsh Sapra, Becky Tsai, Yan Meng, Doreen Ng, James Xie
EPI_ISL_1172125, EPI_ISL_1172143, EPI_ISL_1172162, EPI_ISL_1172175, EPI_ISL_1172339, EPI_ISL_1172361, EPI_ISL_1172426, EPI_ISL_1172503, EPI_ISL_1172603, EPI_ISL_1172617, EPI_ISL_1172653, EPI_ISL_1172813, EPI_ISL_1172957, EPI_ISL_1173017, EPI_ISL_1173097			
see above	Pandemic Response Lab - NYC	Pandemic Response Lab, R&D	Henry Lee, Michael Hammerling, Melissa Hopkins, Cybill del Castillo, Shinyoung Clair Kang, William Ward, Pradeep Bugga, Haiping Hao, Jon Laurent
EPI_ISL_1180239	DC Public Health Lab/ Dept. of Forensic Sciences	DC Public Health Lab/ Dept. of Forensic Sciences	Scott Nguyen, Janis Doss, Elizabeth Zelaya, Sarah Scott, Connie Maza, Monica Mann, Brittany Hamilton, David Payne, Jocelyn Hauser
EPI_ISL_1180938, EPI_ISL_1180947, EPI_ISL_1181094	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_1181632, EPI_ISL_1181634, EPI_ISL_1181635, EPI_ISL_1181636, EPI_ISL_1181643, EPI_ISL_1181655, EPI_ISL_1181671, EPI_ISL_1181681	DPHL	Delaware Public Health Lab	Gregory Hovan
EPI_ISL_1181952	DC Public Health Lab/ Dept. of Forensic Sciences	DC Public Health Lab/ Dept. of Forensic Sciences	Scott Nguyen, Janis Doss, Elizabeth Zelaya, Sarah Scott, Connie Maza, Monica Mann, Brittany Hamilton, David Payne, Jocelyn Hauser
EPI_ISL_1182007	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_1182116, EPI_ISL_1182134, EPI_ISL_1182142, EPI_ISL_1182160, EPI_ISL_1182161, EPI_ISL_1182210, EPI_ISL_1182231, EPI_ISL_1182235, EPI_ISL_1182241, EPI_ISL_1182255, EPI_ISL_1182273, EPI_ISL_1182281, EPI_ISL_1182317, EPI_ISL_1182366, EPI_ISL_1182395, EPI_ISL_1182398, EPI_ISL_1182402			
see above	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_1182452	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_1182515	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_1182532	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_1183769, EPI_ISL_1183809,	Sonora Quest Laboratories	TGen North	Jolene Bowers, Heather Centner, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union

EPI_ISL_1183812			(ACGU)
EPI_ISL_1183834, EPI_ISL_1183837	Arizona Department of Health Services	TGen North	Jelene Bowers, Heather Centner, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)
EPI_ISL_1183873, EPI_ISL_1183888, EPI_ISL_1183891, EPI_ISL_1183895, EPI_ISL_1183909, EPI_ISL_1183938, EPI_ISL_1183952, EPI_ISL_1183953, EPI_ISL_1183960, EPI_ISL_1183963, EPI_ISL_1183998, EPI_ISL_1184011, EPI_ISL_1184015, EPI_ISL_1184017, EPI_ISL_1184059			
see above	Sonora Quest Laboratories	TGen North	Jelene Bowers, Heather Centner, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)
EPI_ISL_1184132	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_1184141, EPI_ISL_1184148, EPI_ISL_1184152	Virginia Division of Consolidated Laboratory Services	Virginia Division of Consolidated Laboratory Services	Virginia DCLS
EPI_ISL_1184235	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1184629, EPI_ISL_1184640, EPI_ISL_1184641, EPI_ISL_1184653, EPI_ISL_1184680	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1184808	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1184812, EPI_ISL_1184815, EPI_ISL_1184816	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1184836, EPI_ISL_1184837, EPI_ISL_1184845	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1184862, EPI_ISL_1184871, EPI_ISL_1184872, EPI_ISL_1184875, EPI_ISL_1184887, EPI_ISL_1184893, EPI_ISL_1184906, EPI_ISL_1184912, EPI_ISL_1184916, EPI_ISL_1184938, EPI_ISL_1184950, EPI_ISL_1185038			
see above	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185052	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185053	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185054, EPI_ISL_1185100	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185119	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185128	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185149	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185156	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185162	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185186	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185200	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185213	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185229, EPI_ISL_1185232, EPI_ISL_1185258, EPI_ISL_1185281	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185304	Humboldt County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185333, EPI_ISL_1185334, EPI_ISL_1185336, EPI_ISL_1185341	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185388	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185391, EPI_ISL_1185400	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185401, EPI_ISL_1185422	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185429, EPI_ISL_1185453	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185461	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185465, EPI_ISL_1185482, EPI_ISL_1185508, EPI_ISL_1185522, EPI_ISL_1185524, EPI_ISL_1185532	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185860	Scripps Medical Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Michael Quigley, Ellen Stefanski, Ian Mchardy
EPI_ISL_1185893, EPI_ISL_1185898, EPI_ISL_1185899, EPI_ISL_1185929	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_1186056	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_1191500, EPI_ISL_1191541, EPI_ISL_1191553, EPI_ISL_1191562, EPI_ISL_1191563, EPI_ISL_1191567	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton
EPI_ISL_1192336, EPI_ISL_1192342	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_1193154	Swedish national genomic surveillance program of SARS-CoV-2	The Public Health Agency of Sweden	Swedish national genomic surveillance program of SARS-CoV-2
EPI_ISL_1193420, EPI_ISL_1193470, EPI_ISL_1193554, EPI_ISL_1193632, EPI_ISL_1193651, EPI_ISL_1193692, EPI_ISL_1193739, EPI_ISL_1193767, EPI_ISL_1193768, EPI_ISL_1193829, EPI_ISL_1193890, EPI_ISL_1193910, EPI_ISL_1193921, EPI_ISL_1193961, EPI_ISL_1193972, EPI_ISL_1194178, EPI_ISL_1194179, EPI_ISL_1194185, EPI_ISL_1194303, EPI_ISL_1194322			
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_1195294	Baylor Esoteric + Molecular Lab	Baylor Esoteric + Molecular Lab	Elizabeth Forrester, Dawn Richards
EPI_ISL_1195478	DC Public Health Lab/ Dept. of Forensic Sciences	DC Public Health Lab/ Dept. of Forensic Sciences	Janis Doss, Scott Nguyen, Elizabeth Zelaya, Sarah Scott, Connie Maza, Monica Mann, Brittany Hamilton, David Payne, Jocelyn Hauser
EPI_ISL_1195639, EPI_ISL_1195657	North Dakota Department of Health, Public Health Laboratory	North Dakota Department of Health, Public Health Laboratory	Lisa Wingerter
EPI_ISL_1195815, EPI_ISL_1195875	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_1195973	Alaska State Virology Laboratory	Alaska State Virology Laboratory	Stephanie DeRonde, Elva House, Lisa Smith, Ph.D., Jack Chen, Ph.D.

EPI_ISL_1196024, EPI_ISL_1196029, EPI_ISL_1196051, EPI_ISL_1196057, EPI_ISL_1196090, EPI_ISL_1196095	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_1196239, EPI_ISL_1196242, EPI_ISL_1196243, EPI_ISL_1196251, EPI_ISL_1196273	Mayo Clinic & Mayo Clinic Laboratories	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1196397, EPI_ISL_1196400, EPI_ISL_1196401, EPI_ISL_1196402, EPI_ISL_1196403	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_1196480	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_1196780, EPI_ISL_1196783	Alameda County Public Health Department	Alameda County Public Health Department	Kristna Hsieh, Maria Elma, Kevin Libuit
EPI_ISL_1197048	Martin Luther King Jr. Community Hospital	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1197133	USC Clinical Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1197961, EPI_ISL_1197993	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_1198641, EPI_ISL_1199226, EPI_ISL_1199257, EPI_ISL_1199272, EPI_ISL_1199391, EPI_ISL_1200280, EPI_ISL_1200496	Swedish national genomic surveillance program of SARS-CoV-2	The Public Health Agency of Sweden	Swedish national genomic surveillance program of SARS-CoV-2
EPI_ISL_1200523	DOHMH Fort Greene	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1200534	DOHMH Chelsea	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1200943	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_1201149, EPI_ISL_1201186, EPI_ISL_1201190, EPI_ISL_1201191, EPI_ISL_1201194, EPI_ISL_1201202	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Shah Mohamed Bakhsh, Michelle Lin, Noah Baker, Sean Ellis, Saraswathi Sathees, Meeli-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_1201306	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_1201450	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_1202071, EPI_ISL_1202117, EPI_ISL_1202152, EPI_ISL_1202182, EPI_ISL_1202211, EPI_ISL_1202224, EPI_ISL_1202288, EPI_ISL_1202322, EPI_ISL_1202354, EPI_ISL_1202419, EPI_ISL_1202892, EPI_ISL_1202906, EPI_ISL_1202929, EPI_ISL_1202968, EPI_ISL_1203022, EPI_ISL_1203028, EPI_ISL_1203035, EPI_ISL_1203042, EPI_ISL_1203159, EPI_ISL_1203164, EPI_ISL_1203221, EPI_ISL_1203239, EPI_ISL_1203255, EPI_ISL_1203335, EPI_ISL_1203363, EPI_ISL_1203448, EPI_ISL_1203454, EPI_ISL_1203555, EPI_ISL_1203619, EPI_ISL_1203633, EPI_ISL_1203639	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
see above	Houston Methodist Hospital	Houston Methodist Hospital	Erin L. Young, Kelly F. Oakeson, Tara Gallagher
EPI_ISL_1205193, EPI_ISL_1205195	Utah Public Health Laboratory	Utah Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1205391, EPI_ISL_1205404, EPI_ISL_1205415, EPI_ISL_1205423, EPI_ISL_1205427, EPI_ISL_1205431, EPI_ISL_1205434, EPI_ISL_1205450	Mayo Clinic & Mayo Clinic Laboratories	Minnesota Department of Health, Public Health Laboratory	
EPI_ISL_1205481	Alameda County Public Health Department	Alameda County Public Health Department	Kristna Hsieh, Maria Elma, Kevin Libuit
EPI_ISL_1209037, EPI_ISL_1209055, EPI_ISL_1209067, EPI_ISL_1209073, EPI_ISL_1209081, EPI_ISL_1209120, EPI_ISL_1209164, EPI_ISL_1209177	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Shah Mohamed Bakhsh, Michelle Lin, Noah Baker, Sean Ellis, Saraswathi Sathees, Meeli-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_1218653, EPI_ISL_1218889, EPI_ISL_1218914, EPI_ISL_1218916, EPI_ISL_1218921	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton
EPI_ISL_1219877, EPI_ISL_1219878, EPI_ISL_1219883, EPI_ISL_1219884, EPI_ISL_1219888, EPI_ISL_1219889	Nevada State Public Health Laboratory	Nevada State Public Health Laboratory	Andrew Gorzalski, Mark Pandori
EPI_ISL_1220367, EPI_ISL_1220391, EPI_ISL_1220469, EPI_ISL_1220540, EPI_ISL_1220559, EPI_ISL_1220580, EPI_ISL_1220583, EPI_ISL_1220615, EPI_ISL_1220627, EPI_ISL_1220648, EPI_ISL_1220679, EPI_ISL_1220698, EPI_ISL_1220752, EPI_ISL_1220810, EPI_ISL_1220834, EPI_ISL_1220842	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
see above	Quest Diagnostics Incorporated	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	
EPI_ISL_1220865, EPI_ISL_1220866, EPI_ISL_1220867	Nevada State Public Health Laboratory	Nevada State Public Health Laboratory	Andrew Gorzalski, Mark Pandori
EPI_ISL_1220897, EPI_ISL_1220910, EPI_ISL_1220923, EPI_ISL_1220924, EPI_ISL_1220949, EPI_ISL_1221030, EPI_ISL_1221088, EPI_ISL_1221158, EPI_ISL_1221159, EPI_ISL_1221215, EPI_ISL_1221271, EPI_ISL_1221448, EPI_ISL_1221509, EPI_ISL_1221552, EPI_ISL_1221668, EPI_ISL_1221847, EPI_ISL_1221901, EPI_ISL_1221923, EPI_ISL_1221971, EPI_ISL_1222103, EPI_ISL_1222181, EPI_ISL_1222193, EPI_ISL_1222204, EPI_ISL_1222205, EPI_ISL_1222209, EPI_ISL_1222217, EPI_ISL_1222287, EPI_ISL_1222390	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
see above	Laboratory Corporation of America	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	
EPI_ISL_1222446	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_1222448	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_1222462, EPI_ISL_1222501, EPI_ISL_1222506, EPI_ISL_1222537, EPI_ISL_1222540, EPI_ISL_1222541, EPI_ISL_1222542, EPI_ISL_1222543, EPI_ISL_1222544, EPI_ISL_1222545, EPI_ISL_1222546, EPI_ISL_1222550, EPI_ISL_1222552, EPI_ISL_1222553, EPI_ISL_1222554, EPI_ISL_1222560, EPI_ISL_1222563, EPI_ISL_1222564, EPI_ISL_1222583, EPI_ISL_1222584, EPI_ISL_1222585, EPI_ISL_1222587, EPI_ISL_1222594, EPI_ISL_1222599, EPI_ISL_1222608			

see above	WA State PHL	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_1222610	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_1224753	Mayo Clinic & Mayo Clinic Laboratories	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1224793	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1224844, EPI_ISL_1224866	Vault Health	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1224880, EPI_ISL_1224899	Mayo Clinic & Mayo Clinic Laboratories	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1224934, EPI_ISL_1224935	Houston Health Dept.	Houston Health Dept.	Ryker Penn, Pamela Brown, Adolpho Lara
EPI_ISL_1225317	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_1225682	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, Caleb Neal, Eva Laszlo, Steven Murphy, Nathan Grubaugh
EPI_ISL_1225691	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_1225888	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 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, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1225893, EPI_ISL_1225897	NC State Laboratory of Public Health	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, 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, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1225916	SC Dept of Health and Env. Control-Bureau of Laboratories	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, 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, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1225937, EPI_ISL_1225940	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 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, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1225942	VT Dept. of Health Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, 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, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226111, EPI_ISL_1226112	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 Lacek, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226125, EPI_ISL_1226130, EPI_ISL_1226133, EPI_ISL_1226136	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 Lacek, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226151, EPI_ISL_1226152	OH Department of Health Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, 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, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226186	"AK State Public Health Lab, State Health Department"	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, 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, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226195	"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 Lacek, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226247, EPI_ISL_1226258	"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 Lacek, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226278	SD 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 Lacek, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226289	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 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, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226306	MI - Michigan Department of Health and Human Services - Bureau of Laboratories	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, 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, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226382	"PA Department of Health, Bureau of Laboratories"	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, 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, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226421, EPI_ISL_1226428	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_1226429	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_1226431	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_1226432	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_1226446	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

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EPI_ISL_1228304	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_1228321, EPI_ISL_1228333, EPI_ISL_1228337, EPI_ISL_1228339, EPI_ISL_1228346, EPI_ISL_1228349	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_1228359	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_1228365	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_1228369, EPI_ISL_1228370, EPI_ISL_1228371	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_1228376, EPI_ISL_1228377	DEPARTMENT OF VETERANS AFFAIR 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_1228380	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_1228399	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_1228438, EPI_ISL_1228451, EPI_ISL_1228457, EPI_ISL_1228467, EPI_ISL_1228468, EPI_ISL_1228470, EPI_ISL_1228473, EPI_ISL_1228476	GLENS FALLS HOSPITAL LABORATORY	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1228478, EPI_ISL_1228479	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_1228505, EPI_ISL_1228515, EPI_ISL_1228517	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_1228529	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_1228530	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_1228545, EPI_ISL_1228552, EPI_ISL_1228557	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_1228563	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_1228581	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_1230704	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, Airmin 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_1231855, EPI_ISL_1231878, EPI_ISL_1231880, EPI_ISL_1231890, EPI_ISL_1232121, EPI_ISL_1232122	Fulgent Genetics	Fulgent Genetics	Harry Gao, Mickey Li, John Gao, Joseph Fierro, Benafsh Sapra, Becky Tsai, Yan Meng, Doreen Ng, James Xie
EPI_ISL_1232237	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_1233272, EPI_ISL_1233276	Massachusetts State Public Health Laboratory	Massachusetts State Public Health Laboratory	Andrew Lang, Timelia Fink, Glen Gallagher, Sandra Smole
EPI_ISL_1233889	Respiratory Viruses Branch, Centers for Disease Control and Prevention	Respiratory Viruses Branch, Centers for Disease Control and Prevention	Cook,P.W., Howard,D.T., Batra,D., Rambo-Martin,B.L., de Feo,E., Antico,J., Tran,C., Tolentino,M., Wickline,S., Gietzen,K., Sickler,B., Liu,J., Allen,E., Febbo,P., Galloway,S., Washington,N.L., White,S., Levan,G., Barrett,K.S., Cirulli,E., Bolze,A., Ascencio,A., Rivera-Garcia,C., Cho,R., Nguyen,J., Wang,S., Ramirez,J., Cassens,T., Sandoval,E., Isaksson,M., Lee,W., Becker,D., Laurent,M., Lu,J., Paden,C.R., Tong,S., MacCannell,D.
EPI_ISL_1233896	Public Health Laboratory - Infectious Disease Lab, Minnesota Department of Health Infectious Disease Laboratory Submission Group	Public Health Laboratory - Infectious Disease Lab, Minnesota Department of Health Infectious Disease Laboratory Submission Group	Lorentz,A., Garfin,J., Plumb,M., Wang,X.
EPI_ISL_1233928	Respiratory Viruses Branch, Centers for Disease Control and Prevention	Respiratory Viruses Branch, Centers for Disease Control and Prevention	Cook,P.W., Batra,D., Rambo-Martin,B.L., de Feo,E., Antico,J., Tran,C., Tolentino,M., Wickline,S., Gietzen,K., Sickler,B., Liu,J., Allen,E., Febbo,P., Galloway,S., Washington,N.L., White,S., Levan,G., Barret,K.S., Cirulli,E., Bolze,A., Ascencio,A., Rivera-Garcia,C., Cho,R., Nguyen,J., Wang,S., Ramirez,J., Cassens,T., Sandoval,E., Isaksson,M., Lee,W., Becker,D., Laurent,M., Lu,J., Paden,C.R., Tong,S., MacCannell,D.
EPI_ISL_1233983, EPI_ISL_1234105, EPI_ISL_1234328	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_1234490	Nebraska Public Health Laboratory	UNMC COVID-19 Response Team	UNMC COVID-19 Response Team
EPI_ISL_1234546, EPI_ISL_1234558	Contra Costa County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_1234593, EPI_ISL_1234594	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_1234648	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_1234702	Contra Costa County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_1234706	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_1234732	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_1234740	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_1234785, EPI_ISL_1234809	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_1234813	California Institute of Technology	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_1234815, EPI_ISL_1234830	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_1234841	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_1234844	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_1234845	California Institute of Technology	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium

EPI_ISL_1234872	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1234879	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1234882	Humboldt County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1234891, EPI_ISL_1234915	California Institute of Technology	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1234920, EPI_ISL_1234924, EPI_ISL_1234939, EPI_ISL_1234956	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1234967	California Institute of Technology	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1234979, EPI_ISL_1234982, EPI_ISL_1234987, EPI_ISL_1234990	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1234994	California Institute of Technology	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1234995, EPI_ISL_1235013	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235014, EPI_ISL_1235026	California Institute of Technology	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235028	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235036	California Institute of Technology	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235048, EPI_ISL_1235054	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235056	California Institute of Technology	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235059	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235084	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235094, EPI_ISL_1235098, EPI_ISL_1235102	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235104	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235116, EPI_ISL_1235124	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235128, EPI_ISL_1235140	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235141, EPI_ISL_1235142	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235148	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235149	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235150	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235160	Contra Costa County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235165, EPI_ISL_1235171, EPI_ISL_1235178, EPI_ISL_1235181	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235197, EPI_ISL_1235212, EPI_ISL_1235220	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235241	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235242	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235247	Contra Costa County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235256, EPI_ISL_1235276, EPI_ISL_1235279	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235298, EPI_ISL_1235307	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235309, EPI_ISL_1235313, EPI_ISL_1235369	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235396	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235434	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235465, EPI_ISL_1235513, EPI_ISL_1235568	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235698, EPI_ISL_1235774, EPI_ISL_1235930, EPI_ISL_1235963, EPI_ISL_1236005, EPI_ISL_1236154, EPI_ISL_1236187, EPI_ISL_1236362, EPI_ISL_1236389, EPI_ISL_1236392, EPI_ISL_1236401, EPI_ISL_1236413, EPI_ISL_1236435, EPI_ISL_1236450, EPI_ISL_1236467, EPI_ISL_1236499, EPI_ISL_1236535, EPI_ISL_1236554, EPI_ISL_1236636, EPI_ISL_1236806, EPI_ISL_1236820, EPI_ISL_1236982, EPI_ISL_1237234, EPI_ISL_1237252, EPI_ISL_1237421, EPI_ISL_1237452, EPI_ISL_1237629, EPI_ISL_1237686, EPI_ISL_1237702, EPI_ISL_1237728, EPI_ISL_1237750, EPI_ISL_1237811, EPI_ISL_1237813, EPI_ISL_1238066, EPI_ISL_1238071, EPI_ISL_1238073, EPI_ISL_1238078, EPI_ISL_1238088, EPI_ISL_1238089, EPI_ISL_1238091, EPI_ISL_1238134, EPI_ISL_1238217, EPI_ISL_1238298, EPI_ISL_1238336, EPI_ISL_1238377, EPI_ISL_1238591, EPI_ISL_1238593, EPI_ISL_1238613, EPI_ISL_1238640, EPI_ISL_1238658			
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_1238768, EPI_ISL_1238784	North Dakota Department of Health, Public Health Laboratory	North Dakota Department of Health, Public Health Laboratory	Lisa Wingerter
EPI_ISL_1238787, EPI_ISL_1238788	Ecological and Evolutionary Genomics. UGA-CINVESTAV	Unidad Universitaria de Secuenciación Masiva y Bioinformática (UUSMB). IBT-UNAM	Angelica Cibrian
EPI_ISL_1238803, EPI_ISL_1238804, EPI_ISL_1238805	MD PHL	MD PHL	Maryland Department of Health Laboratories Administration
EPI_ISL_1238874, EPI_ISL_1238886	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin L. Young, Kelly F. Oakeson, Tara Gallagher
EPI_ISL_1238922, EPI_ISL_1238924, EPI_ISL_1238930, EPI_ISL_1238975, EPI_ISL_1238991	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_1239022, EPI_ISL_1239031	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_1239050, EPI_ISL_1239052, EPI_ISL_1239056, EPI_ISL_1239064, EPI_ISL_1239072	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_1239801, EPI_ISL_1239803, EPI_ISL_1239817, EPI_ISL_1239831,	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_1239832, EPI_ISL_1239835 EPI_ISL_1239911, EPI_ISL_1239953, EPI_ISL_1240036, EPI_ISL_1240040 EPI_ISL_1240816, EPI_ISL_1240868 EPI_ISL_1244881	Florida Bureau of Public Health Laboratories Clinical Molecular Microbiology Laboratory, UNC Hospitals Lighthouse Lab in Cambridge	Florida Bureau of Public Health Laboratories Jeremy Wang Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Sarah Schmedes, Jason Blanton Jeremy Wang, Alexander Rubinsteyn, Colleen Rice, Jason Smedberg, Shawn Hawken, Melissa Miller, Corbin Jones, Robert Hagan 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 Silittle on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1250374	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_1252351, EPI_ISL_1252854	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_1252935, EPI_ISL_1252965, EPI_ISL_1252986, EPI_ISL_1253015, EPI_ISL_1253054, EPI_ISL_1253072, EPI_ISL_1253075, EPI_ISL_1253116, EPI_ISL_1253271, EPI_ISL_1253277, EPI_ISL_1253310, EPI_ISL_1253356, EPI_ISL_1253384, EPI_ISL_1253418, EPI_ISL_1253451, EPI_ISL_1253457, EPI_ISL_1253530 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_1253701, EPI_ISL_1253703 EPI_ISL_1253849, EPI_ISL_1253868	South Dakota Public Health Laboratory Broad Institute Clinical Research Sequencing Platform	South Dakota Public Health Laboratory Infectious Disease Program, Broad Institute of Harvard and MIT	Jacob Garfin and Chris Carlson 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_1253921	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_1253971, EPI_ISL_1253977, EPI_ISL_1253995, EPI_ISL_1253996	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_1254044, EPI_ISL_1254048, EPI_ISL_1254053, EPI_ISL_1254091, EPI_ISL_1254120, EPI_ISL_1254134, EPI_ISL_1254137, EPI_ISL_1254175, EPI_ISL_1254182, EPI_ISL_1254197, EPI_ISL_1254343, EPI_ISL_1254376, EPI_ISL_1254382, EPI_ISL_1254413, EPI_ISL_1254427, EPI_ISL_1254437, EPI_ISL_1254438, EPI_ISL_1254454, EPI_ISL_1254479, EPI_ISL_1254482, EPI_ISL_1254491, EPI_ISL_1254512, EPI_ISL_1254519 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_1254641	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_1255943 EPI_ISL_1258657, EPI_ISL_1258939, EPI_ISL_1258940, EPI_ISL_1258968, EPI_ISL_1258969 EPI_ISL_1259398	New Mexico Department of Health Scientific Laboratory Pandemic Response Lab - NYC Ohio Department of Health Laboratory	New Mexico Department of Health Scientific Laboratory Pandemic Response Lab, R&D Ohio Department of Health Laboratory	Ellie Johnson, Anastacia Griego-Fisher, D'eldra Malone, Jennifer Benoit Henry Lee, Michael Hammerling, Melissa Hopkins, Cybill del Castillo, Shinyoung Clair Kang, William Ward, Pradeep Bugga, Haiping Hao, Jon Laurent
EPI_ISL_1260616, EPI_ISL_1260658, EPI_ISL_1260659 EPI_ISL_1260698	Houston Health Dept. US Air Force School of Aerospace Medicine	Houston Health Dept. US Air Force School of Aerospace Medicine	Ryker Penn, Pamela Brown, Adolpho Lara Anthony Fries, Jennifer Meyer, William Gruner, William Buggele, Amanda Javorina, Sarah Purves, Clarise Starr, Elizabeth Macias
EPI_ISL_1261157, EPI_ISL_1261158 EPI_ISL_1261545, EPI_ISL_1261547, EPI_ISL_1261562, EPI_ISL_1261574	Molecular & Genomic Pathology Laboratory, Thomas Jefferson University Hospital New Mexico Department of Health Scientific Laboratory	Molecular & Genomic Pathology Laboratory, Thomas Jefferson University Hospital New Mexico Department of Health Scientific Laboratory	Nitika Badjatia, Run Jin, Zi-xuan Wang Ellie Johnson, Anastacia Griego-Fisher, D'eldra Malone, Jennifer Benoit
EPI_ISL_1261915, EPI_ISL_1261929, EPI_ISL_1261960, EPI_ISL_1262028, EPI_ISL_1262067, EPI_ISL_1262116, EPI_ISL_1262127, EPI_ISL_1262131, EPI_ISL_1262137, EPI_ISL_1262138, EPI_ISL_1262160, EPI_ISL_1262167, EPI_ISL_1262177, EPI_ISL_1262182, EPI_ISL_1262183, EPI_ISL_1262196, EPI_ISL_1262199, EPI_ISL_1262205, EPI_ISL_1262224, EPI_ISL_1262227, EPI_ISL_1262238, EPI_ISL_1262250, EPI_ISL_1262289, EPI_ISL_1262290, EPI_ISL_1262297, EPI_ISL_1262311, EPI_ISL_1262319, EPI_ISL_1262323, EPI_ISL_1262388, EPI_ISL_1262389, EPI_ISL_1262395, EPI_ISL_1262396, EPI_ISL_1262405, EPI_ISL_1262406, EPI_ISL_1262409, EPI_ISL_1262417, EPI_ISL_1262438 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_1262498 EPI_ISL_1262598 EPI_ISL_1263125, EPI_ISL_1263131, EPI_ISL_1263142, EPI_ISL_1263144, EPI_ISL_1263145, EPI_ISL_1263146, EPI_ISL_1263150 EPI_ISL_1263208, EPI_ISL_1263214, EPI_ISL_1263220	GA Department of Public Health City of Milwaukee Health Department Laboratory Nevada State Public Health Laboratory Monterey County Public Health Laboratory	GA Department of Public Health City of Milwaukee Health Department Laboratory Nevada State Public Health Laboratory Monterey County Public Health Laboratory	Stacy Reeves, Jonathan Edwards, Cynthia Dixey, Tonia Parrott, Aliyah Fields, Taylor Smith Sanjib Bhattacharyya Andrew Gorzalski, Mark Pandori Monterey County Public Health Laboratory
EPI_ISL_1265939, EPI_ISL_1265964, EPI_ISL_1265980, EPI_ISL_1266007, EPI_ISL_1266021, EPI_ISL_1266052, EPI_ISL_1266075, EPI_ISL_1266166, EPI_ISL_1266587, EPI_ISL_1266631, EPI_ISL_1266634, EPI_ISL_1266760, EPI_ISL_1266826, EPI_ISL_1266957, EPI_ISL_1267045, EPI_ISL_1267078, EPI_ISL_1267142, EPI_ISL_1267161, EPI_ISL_1267186, EPI_ISL_1267197, EPI_ISL_1267277 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_1267312, EPI_ISL_1267314 EPI_ISL_1267417, EPI_ISL_1267420, EPI_ISL_1267424	Mayo Clinic & Mayo Clinic Laboratories Quest Diagnostics Incorporated	Minnesota Department of Health, Public Health Laboratory Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang 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_1267527, EPI_ISL_1267561, EPI_ISL_1267563, EPI_ISL_1267574, EPI_ISL_1267587, EPI_ISL_1267637, EPI_ISL_1267665, EPI_ISL_1267708, EPI_ISL_1267733, EPI_ISL_1267737, EPI_ISL_1267744, EPI_ISL_1267747, EPI_ISL_1267754, EPI_ISL_1267764, EPI_ISL_1267770, EPI_ISL_1267827, EPI_ISL_1267886, EPI_ISL_1267891, EPI_ISL_1267896, EPI_ISL_1267929, EPI_ISL_1267965, EPI_ISL_1268015, EPI_ISL_1268050, EPI_ISL_1268056, EPI_ISL_1268084, EPI_ISL_1268115, EPI_ISL_1268117, EPI_ISL_1268156, EPI_ISL_1268162, EPI_ISL_1268197, EPI_ISL_1268212, EPI_ISL_1268227, EPI_ISL_1268229 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,

Efnen Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suxiang Tong, Duncan MacCannell			
EPI_ISL_1268253	DPHL	Delaware Public Health Lab	Rebecca Savage
EPI_ISL_1268274, EPI_ISL_1268287, EPI_ISL_1268293, EPI_ISL_1268332, EPI_ISL_1268341, EPI_ISL_1268349, EPI_ISL_1268438, EPI_ISL_1268472, EPI_ISL_1268478, EPI_ISL_1268539, EPI_ISL_1268540, EPI_ISL_1268577, EPI_ISL_1268631, EPI_ISL_1268633, EPI_ISL_1268642, EPI_ISL_1268654, EPI_ISL_1268672, EPI_ISL_1268681, EPI_ISL_1268704, EPI_ISL_1268738, EPI_ISL_1268766, EPI_ISL_1268779, EPI_ISL_1268800, EPI_ISL_1268818, EPI_ISL_1268860, EPI_ISL_1268868, EPI_ISL_12688923, EPI_ISL_1268933, EPI_ISL_1268936, EPI_ISL_1268959, EPI_ISL_1268994, EPI_ISL_1269010, EPI_ISL_1269021, EPI_ISL_1269118, EPI_ISL_1269120, EPI_ISL_1269122, EPI_ISL_1269131, EPI_ISL_1269135, EPI_ISL_1269161, EPI_ISL_1269202, EPI_ISL_1269240, EPI_ISL_1269267, EPI_ISL_1269277, EPI_ISL_1269296, EPI_ISL_1269399, EPI_ISL_1269434, EPI_ISL_1269473, EPI_ISL_1269491, EPI_ISL_1269513, EPI_ISL_1269516, EPI_ISL_1269522, EPI_ISL_1269657, EPI_ISL_1269694, EPI_ISL_1269718, EPI_ISL_1269762, EPI_ISL_1269798, EPI_ISL_1269870, EPI_ISL_1269903, EPI_ISL_1269968, EPI_ISL_1270003, EPI_ISL_1270029, EPI_ISL_1270053, EPI_ISL_1270068, EPI_ISL_1270077, EPI_ISL_1270079, EPI_ISL_1270109, EPI_ISL_1270130, EPI_ISL_1270151, EPI_ISL_1270157, EPI_ISL_1270175, EPI_ISL_1270200, EPI_ISL_1270211	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, Efnen Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
see above			
EPI_ISL_1270218, EPI_ISL_1270220, EPI_ISL_1270222, EPI_ISL_1270224	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_1270294, EPI_ISL_1270312, EPI_ISL_1270323, EPI_ISL_1270353, EPI_ISL_1270370, EPI_ISL_1270392, EPI_ISL_1270397, EPI_ISL_1270398, EPI_ISL_1270454, EPI_ISL_1270456, EPI_ISL_1270491, EPI_ISL_1270515, EPI_ISL_1270530, EPI_ISL_1270540, EPI_ISL_1270680, EPI_ISL_1270739, EPI_ISL_1270742	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, Efnen Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
see above			
EPI_ISL_1270796	Nevada State Public Health Laboratory	Nevada State Public Health Laboratory	Andrew Gorzalski, Mark Pandori
EPI_ISL_1270804, EPI_ISL_1270805, EPI_ISL_1270806	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_1271259	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_1271968, EPI_ISL_1272081, EPI_ISL_1272087	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_1272191	MD PHL	MD PHL	Maryland Department of Health Laboratories Administration
EPI_ISL_1272276, EPI_ISL_1272277, EPI_ISL_1272278, EPI_ISL_1272279, EPI_ISL_1272280, EPI_ISL_1272282, EPI_ISL_1272284, EPI_ISL_1272285, EPI_ISL_1272289	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_1272595, EPI_ISL_1272596, EPI_ISL_1272597, EPI_ISL_1272598	NJ Public Health and Environmental 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 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_1272611	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 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_1272622, EPI_ISL_1272623	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 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_1272721	CT-Dr. Katherine A. Kelley State Public Health Lab	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 Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1272762	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 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_1272776, EPI_ISL_1272781	TX-Houston Health Department 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 Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1272791	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 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_1272843, EPI_ISL_1272853, EPI_ISL_1272854, EPI_ISL_1272855	DC Public Health Lab/ Dept. of Forensic Sciences	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 Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1272898, EPI_ISL_1272905, EPI_ISL_1272911, EPI_ISL_1272912, EPI_ISL_1272914, EPI_ISL_1272915	MD DOH Laboratories Administration	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 Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1273065, EPI_ISL_1273066, EPI_ISL_1273069, EPI_ISL_1273070, EPI_ISL_1273073	Guam 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 Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1273226	Texas Department of State Health Services (Texas Department of State Health Services (TXDSHS))	Texas Department of State Health Services (TXDSHS)	Rashmi Tuladhar, Bonnie Oh, Jenny Zhang, Malika Rahman, Mayela Pedrueza, Anita Pokhare, Myong Koag, Chun Wang, Rachel Lee, Grace Kubin
EPI_ISL_1273325, EPI_ISL_1273335, EPI_ISL_1273360, EPI_ISL_1273375	The Jackson Laboratory	The Jackson Laboratory	Bergeron D, Renzette N, Adams M, Omerza G, Kelly K, Li L
EPI_ISL_1278071	Emory Hospital Diagnostics Laboratory, Emory Healthcare	Piantadosi Lab, Emory Department of Pathology	Ahmed Babiker, Anne Piantadosi
EPI_ISL_1279273	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 Iván 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-Navarez, Alejandro Sanchez-Flores, Clara Esperanza Santacruz-Tinoco, María Guadalupe Santiago-Mauricio, Nelly Sélem-Mojica, Blanca Taboada, Gloria Vazquez

EPI_ISL_1279283	Laboratorio Central de Epidemiología (LCE)	Instituto Nacional de Enfermedades Respiratorias (INER): Centro de Investigación en Enfermedades Infecciosas (CIENI)	Consorcio 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-Navarez, Alejandro Sanchez-Flores, Clara Esperanza Santacruz-Tinoco, María Guadalupe Santiago-Mauricio , Nelly Sélem-Mojica, Blanca Taboada , Gloria Vazquez
EPI_ISL_1279284	Centro de Investigación Biomédica del Noreste (CIBIN)	Instituto Nacional de Enfermedades Respiratorias (INER): Centro de Investigación en Enfermedades Infecciosas (CIENI)	Consorcio 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-Navarez, Alejandro Sanchez-Flores, Clara Esperanza Santacruz-Tinoco, María Guadalupe Santiago-Mauricio , Nelly Sélem-Mojica, Blanca Taboada , Gloria Vazquez
EPI_ISL_1279309, EPI_ISL_1279314, EPI_ISL_1279344, EPI_ISL_1279378, EPI_ISL_1279382	Unidad de Investigación Biomédica de Zacatecas (UIBZ)	Instituto Nacional de Enfermedades Respiratorias (INER): Centro de Investigación en Enfermedades Infecciosas (CIENI)	Consorcio 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-Navarez, Alejandro Sanchez-Flores, Clara Esperanza Santacruz-Tinoco, María Guadalupe Santiago-Mauricio , Nelly Sélem-Mojica, Blanca Taboada , Gloria Vazquez
EPI_ISL_1279480, EPI_ISL_1279481, EPI_ISL_1279486, EPI_ISL_1279488, EPI_ISL_1279491, EPI_ISL_1279499, EPI_ISL_1279518, EPI_ISL_1279525, EPI_ISL_1279527, EPI_ISL_1279530	Centro de Investigación Biomédica del Noreste (CIBIN)	Instituto Nacional de Enfermedades Respiratorias (INER): Centro de Investigación en Enfermedades Infecciosas (CIENI)	Consorcio 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-Navarez, Alejandro Sanchez-Flores, Clara Esperanza Santacruz-Tinoco, María Guadalupe Santiago-Mauricio , Nelly Sélem-Mojica, Blanca Taboada , Gloria Vazquez
EPI_ISL_1283379, EPI_ISL_1283572, EPI_ISL_1283610, EPI_ISL_1283788, EPI_ISL_1283916, EPI_ISL_1284107, EPI_ISL_1284253, EPI_ISL_1284256, EPI_ISL_1284298	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_1288317, EPI_ISL_1288346, EPI_ISL_1288353, EPI_ISL_1288433, EPI_ISL_1288452, EPI_ISL_1288484, EPI_ISL_1288493, EPI_ISL_1288502	Laboratorio Central de Epidemiología (LCE)	Instituto de Biotecnología de la UNAM	Consorcio 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-Navarez, Alejandro Sanchez-Flores, Clara Esperanza Santacruz-Tinoco, María Guadalupe Santiago-Mauricio , Nelly Sélem-Mojica, Blanca Taboada , Gloria Vazquez
EPI_ISL_1289527, EPI_ISL_1289560, EPI_ISL_1289576, EPI_ISL_1289581, EPI_ISL_1289645	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_1290530	Swedish national genomic surveillance program of SARS-CoV-2	The Public Health Agency of Sweden	Swedish national genomic surveillance program of SARS-CoV-2
EPI_ISL_1291021, EPI_ISL_1291153	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. Lacabawn, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
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EPI_ISL_1292092, EPI_ISL_1292102, EPI_ISL_1292116, EPI_ISL_1292126, EPI_ISL_1292185, EPI_ISL_1292191, EPI_ISL_1292210, EPI_ISL_1292234, EPI_ISL_1292237, EPI_ISL_1292261, EPI_ISL_1292286, EPI_ISL_1292318, EPI_ISL_1292338, EPI_ISL_1292358, EPI_ISL_1292364, EPI_ISL_1292377, EPI_ISL_1292401	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_1292406	TGen North	TGen North	"Jolene Bowers, Heather Centner, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)"
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EPI_ISL_1292436, EPI_ISL_1292448, EPI_ISL_1292463, EPI_ISL_1292465, EPI_ISL_1292471, EPI_ISL_1292475, EPI_ISL_1292479, EPI_ISL_1292480, EPI_ISL_1292486, EPI_ISL_1292488, EPI_ISL_1292489, EPI_ISL_1292490, EPI_ISL_1292491, EPI_ISL_1292492, EPI_ISL_1292504, EPI_ISL_1292506, EPI_ISL_1292508, EPI_ISL_1292572, EPI_ISL_1292585, EPI_ISL_1292598			
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EPI_ISL_1292824, EPI_ISL_1292837, EPI_ISL_1292840, EPI_ISL_1292848, EPI_ISL_1292860, EPI_ISL_1292868, EPI_ISL_1292877, EPI_ISL_1292879, EPI_ISL_1292904, EPI_ISL_1292912, EPI_ISL_1292931, EPI_ISL_1292957			
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EPI_ISL_1293028, EPI_ISL_1293029	MD Public Health Laboratory	MD Public Health Laboratory	Maryland Department of Health Laboratories Administration
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EPI_ISL_1295330, EPI_ISL_1295374, EPI_ISL_1295421, EPI_ISL_1295457, EPI_ISL_1295460	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Kelsey R. Florek, Abigail C. Shockey
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EPI_ISL_1295749	Sharp HealthCare Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Aaron Harding, Jacquelyn Berumen, Cathy Voorle, Liam McGinnis, Art Mendoza, Omid Bakhtar
EPI_ISL_1296686, EPI_ISL_1296690, EPI_ISL_1296698, EPI_ISL_1296710, EPI_ISL_1296733, EPI_ISL_1296737, EPI_ISL_1296765, EPI_ISL_1296767, EPI_ISL_1296775, EPI_ISL_1296792, EPI_ISL_1296798, EPI_ISL_1296811, EPI_ISL_1296812, EPI_ISL_1296859, EPI_ISL_1296894, EPI_ISL_1296896, EPI_ISL_1296915,			

EPI_ISL_1296932, EPI_ISL_1296935, EPI_ISL_1296953				
see above	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_1296993	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_1297010, EPI_ISL_1297083, EPI_ISL_1297084, EPI_ISL_1297107, EPI_ISL_1297122, EPI_ISL_1297139, EPI_ISL_1297157, EPI_ISL_1297161	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_1297503, EPI_ISL_1297550, EPI_ISL_1297558, EPI_ISL_1297567, EPI_ISL_1297571, EPI_ISL_1297583, EPI_ISL_1297587, EPI_ISL_1297641, EPI_ISL_1297784, EPI_ISL_1297808, EPI_ISL_1297809, EPI_ISL_1297813	see above	Quest Diagnostics Incorporated	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_1297858, EPI_ISL_1297956, EPI_ISL_1298019, EPI_ISL_1298055, EPI_ISL_1298061, EPI_ISL_1298064, EPI_ISL_1298072, EPI_ISL_1298151, EPI_ISL_1298164, EPI_ISL_1298170, EPI_ISL_1298173, EPI_ISL_1298174, EPI_ISL_1298198, EPI_ISL_1298200	see above	Helix/Illumina	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 Levant, 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_1300127, EPI_ISL_1300128, EPI_ISL_1300129	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_1300209, EPI_ISL_1300274	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_1300760, EPI_ISL_1300801, EPI_ISL_1300802, EPI_ISL_1300826, EPI_ISL_1300835, EPI_ISL_1300962, EPI_ISL_1300976, EPI_ISL_1300979, EPI_ISL_1300991, EPI_ISL_1300996, EPI_ISL_1300997, EPI_ISL_1301011, EPI_ISL_1301023, EPI_ISL_1301083, EPI_ISL_1301105, EPI_ISL_1301106, EPI_ISL_1301124, EPI_ISL_1301134, EPI_ISL_1301162, EPI_ISL_1301163, EPI_ISL_1301166, EPI_ISL_1301173, EPI_ISL_1301174, EPI_ISL_1301175, EPI_ISL_1301178, EPI_ISL_1301185, EPI_ISL_1301195, EPI_ISL_1301216, EPI_ISL_1301227, EPI_ISL_1301229, EPI_ISL_1301234, EPI_ISL_1301245, EPI_ISL_1301252, EPI_ISL_1301257, EPI_ISL_1301271, EPI_ISL_1301279, EPI_ISL_1301282, EPI_ISL_1301295, EPI_ISL_1301309, EPI_ISL_1301315, EPI_ISL_1301321, EPI_ISL_1301322, EPI_ISL_1301324, EPI_ISL_1301346, EPI_ISL_1301347, EPI_ISL_1301353, EPI_ISL_1301366, EPI_ISL_1301368, EPI_ISL_1301375, EPI_ISL_1301379, EPI_ISL_1301383, EPI_ISL_1301398, EPI_ISL_1301401, EPI_ISL_1301435	see above	MSHS Clinical Microbiology Laboratories	MSHS Pathogen Surveillance Program	Ana S. Gonzalez-Reiche, Hala Alshammari, Mitchell J. Sullivan, Brianne Ciferri, Ajay Obla, Angela Amoako, Mahmoud Awawda, Daniel Floda, Julia Matthews, Ashley Salimbangon, Levy Sominsky, Katherine Gleason, Kayla Russo, Charles Gleason, Giulio Kleiner, Zenab Khan, Bremy Albuquerque, 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 Garcia-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_1301459, EPI_ISL_1301470, EPI_ISL_1301476, EPI_ISL_1301477, EPI_ISL_1301494, EPI_ISL_1301495, EPI_ISL_1301521, EPI_ISL_1301541, EPI_ISL_1301556, EPI_ISL_1301564, EPI_ISL_1301578	see above	Instituto de Diagnostico y Referencia Epidemiologicos InDRE_RNLSP	Instituto de Biotecnologia de la UNAM	Authors from IBT, IMSS, InDRE and INER (in alphabetical order): Carlos F. Arias, Santiago Ávila-Ríos, Gisela Barrera-Badillo, Eduardo Becerril-Vargas, Celia Boukadida, Natividad Cruz-Ortiz, Larissa Fernandes-Matano, Ricardo Grande, Lucia Hernandez-Rivas, Alejandra Hernández-Terán, Pavel Isa, Irma Lopez-Martinez, José Arturo Martínez-Orozco, Margarita Matías-Florentino, Fidencio Mejía-Nepomuceno, Edgar Mendieta-Condado, Mario Mújica-Sánchez, José Esteban Muñoz-Medina, Tatiana Nunez-Garcia, Luis Alberto Ochoa-Carrera, Hector Esteban Paz-Juárez, Francisco Pulido, José Ernesto Ramírez-González, Alma Rincón-Rubio, Teresita Rojas-Mendoza, Jorge Salas-Hernández, Alejandro Sanchez-Flores, Clara Esperanza Santacruz-Tinoco, Andrea Santos Coy-Arechavaleta, Blanca Taboada, Gloria Vazquez, Joel Armando Vázquez-Pérez, Jerome Jean Verleyen
EPI_ISL_1301618	Instituto Nacional de Enfermedades Respiratorias (INER)	Instituto de Biotecnologia de la UNAM	Authors from IBT, IMSS, InDRE and INER (in alphabetical order): Carlos F. Arias, Santiago Ávila-Ríos, Gisela Barrera-Badillo, Eduardo Becerril-Vargas, Celia Boukadida, Natividad Cruz-Ortiz, Larissa Fernandes-Matano, Ricardo Grande, Lucia Hernandez-Rivas, Alejandra Hernández-Terán, Pavel Isa, Irma Lopez-Martinez, José Arturo Martínez-Orozco, Margarita Matías-Florentino, Fidencio Mejía-Nepomuceno, Edgar Mendieta-Condado, Mario Mújica-Sánchez, José Esteban Muñoz-Medina, Tatiana Nunez-Garcia, Luis Alberto Ochoa-Carrera, Hector Esteban Paz-Juárez, Francisco Pulido, José Ernesto Ramírez-González, Alma Rincón-Rubio, Teresita Rojas-Mendoza, Jorge Salas-Hernández, Alejandro Sanchez-Flores, Clara Esperanza Santacruz-Tinoco, Andrea Santos Coy-Arechavaleta, Blanca Taboada, Gloria Vazquez, Joel Armando Vázquez-Pérez, Jerome Jean Verleyen	
EPI_ISL_1301663	Laboratorio Central de Epidemiologia IMSS	Instituto de Biotecnologia de la UNAM	Authors from IBT, IMSS, InDRE and INER (in alphabetical order): Carlos F. Arias, Santiago Ávila-Ríos, Gisela Barrera-Badillo, Eduardo Becerril-Vargas, Celia Boukadida, Natividad Cruz-Ortiz, Larissa Fernandes-Matano, Ricardo Grande, Lucia Hernandez-Rivas, Alejandra Hernández-Terán, Pavel Isa, Irma Lopez-Martinez, José Arturo Martínez-Orozco, Margarita Matías-Florentino, Fidencio Mejía-Nepomuceno, Edgar Mendieta-Condado, Mario Mújica-Sánchez, José Esteban Muñoz-Medina, Tatiana Nunez-Garcia, Luis Alberto Ochoa-Carrera, Hector Esteban Paz-Juárez, Francisco Pulido, José Ernesto Ramírez-González, Alma Rincón-Rubio, Teresita Rojas-Mendoza, Jorge Salas-Hernández, Alejandro Sanchez-Flores, Clara Esperanza Santacruz-Tinoco, Andrea Santos Coy-Arechavaleta, Blanca Taboada, Gloria Vazquez, Joel Armando Vázquez-Pérez, Jerome Jean Verleyen	
EPI_ISL_1301708	Instituto de Diagnostico y Referencia Epidemiologicos InDRE_RNLSP	Instituto de Biotecnologia de la UNAM	Authors from IBT, IMSS, InDRE and INER (in alphabetical order): Carlos F. Arias, Santiago Ávila-Ríos, Gisela Barrera-Badillo, Eduardo Becerril-Vargas, Celia Boukadida, Natividad Cruz-Ortiz, Larissa Fernandes-Matano, Ricardo Grande, Lucia Hernandez-Rivas, Alejandra Hernández-Terán, Pavel Isa, Irma Lopez-Martinez, José Arturo Martínez-Orozco, Margarita Matías-Florentino, Fidencio Mejía-Nepomuceno, Edgar Mendieta-Condado, Mario Mújica-Sánchez, José Esteban Muñoz-Medina, Tatiana Nunez-Garcia, Luis Alberto Ochoa-Carrera, Hector Esteban Paz-Juárez, Francisco Pulido, José Ernesto Ramírez-González, Alma Rincón-Rubio, Teresita Rojas-Mendoza, Jorge Salas-Hernández, Alejandro Sanchez-Flores, Clara Esperanza Santacruz-Tinoco, Andrea Santos Coy-Arechavaleta, Blanca Taboada, Gloria Vazquez, Joel Armando Vázquez-Pérez, Jerome Jean Verleyen	
EPI_ISL_1302160	Instituto Nacional de Enfermedades Respiratorias (INER)	Instituto de Biotecnologia de la UNAM	Authors from IBT, IMSS, InDRE and INER (in alphabetical order): Carlos F. Arias, Santiago Ávila-Ríos, Gisela Barrera-Badillo, Eduardo Becerril-Vargas, Celia Boukadida, Natividad Cruz-Ortiz, Larissa Fernandes-Matano, Ricardo Grande, Lucia Hernandez-Rivas, Alejandra Hernández-Terán, Pavel Isa, Irma Lopez-Martinez, José Arturo Martínez-Orozco, Margarita Matías-Florentino, Fidencio Mejía-Nepomuceno, Edgar Mendieta-Condado, Mario Mújica-Sánchez, José Esteban Muñoz-Medina, Tatiana Nunez-Garcia, Luis Alberto Ochoa-Carrera, Hector Esteban Paz-Juárez, Francisco Pulido, José Ernesto Ramírez-González, Alma Rincón-Rubio, Teresita Rojas-Mendoza, Jorge Salas-Hernández, Alejandro Sanchez-Flores, Clara Esperanza Santacruz-Tinoco, Andrea Santos Coy-Arechavaleta, Blanca Taboada, Gloria Vazquez, Joel Armando Vázquez-Pérez, Jerome Jean Verleyen	
EPI_ISL_1302176	Instituto de Diagnostico y Referencia Epidemiologicos InDRE_RNLSP	Instituto de Biotecnologia de la UNAM	Authors from IBT, IMSS, InDRE and INER (in alphabetical order): Carlos F. Arias, Santiago Ávila-Ríos, Gisela Barrera-Badillo, Eduardo Becerril-Vargas, Celia Boukadida, Natividad Cruz-Ortiz, Larissa Fernandes-Matano, Ricardo Grande, Lucia Hernandez-Rivas, Alejandra Hernández-Terán, Pavel Isa, Irma Lopez-Martinez, José Arturo Martínez-Orozco, Margarita Matías-Florentino, Fidencio Mejía-Nepomuceno, Edgar Mendieta-Condado, Mario Mújica-Sánchez, José Esteban Muñoz-Medina, Tatiana Nunez-Garcia, Luis Alberto Ochoa-Carrera, Hector Esteban Paz-Juárez, Francisco Pulido, José Ernesto Ramírez-González, Alma Rincón-Rubio, Teresita Rojas-Mendoza, Jorge Salas-Hernández, Alejandro Sanchez-Flores, Clara Esperanza Santacruz-Tinoco, Andrea Santos Coy-Arechavaleta, Blanca Taboada, Gloria Vazquez, Joel Armando Vázquez-Pérez, Jerome Jean Verleyen	
EPI_ISL_1302191	Instituto Nacional de Enfermedades Respiratorias (INER)	Instituto de Biotecnologia de la UNAM	Authors from IBT, IMSS, InDRE and INER (in alphabetical order): Carlos F. Arias, Santiago Ávila-Ríos, Gisela Barrera-Badillo, Eduardo Becerril-Vargas, Celia Boukadida, Natividad Cruz-Ortiz, Larissa Fernandes-Matano, Ricardo Grande, Lucia Hernandez-Rivas, Alejandra Hernández-Terán, Pavel Isa, Irma Lopez-Martinez, José Arturo Martínez-Orozco, Margarita Matías-Florentino, Fidencio Mejía-Nepomuceno, Edgar Mendieta-Condado, Mario Mújica-Sánchez, José Esteban Muñoz-Medina, Tatiana Nunez-Garcia, Luis Alberto Ochoa-Carrera, Hector Esteban Paz-Juárez, Francisco Pulido, José Ernesto Ramírez-González, Alma Rincón-Rubio, Teresita Rojas-Mendoza, Jorge Salas-Hernández, Alejandro Sanchez-Flores, Clara Esperanza Santacruz-Tinoco, Andrea Santos Coy-Arechavaleta, Blanca Taboada, Gloria Vazquez, Joel Armando Vázquez-Pérez, Jerome Jean Verleyen	
EPI_ISL_1302219	Instituto de Diagnostico y Referencia Epidemiologicos InDRE_RNLSP	Instituto de Biotecnologia de la UNAM	Authors from IBT, IMSS, InDRE and INER (in alphabetical order): Carlos F. Arias, Santiago Ávila-Ríos, Gisela Barrera-Badillo, Eduardo Becerril-Vargas, Celia Boukadida, Natividad Cruz-Ortiz, Larissa Fernandes-Matano, Ricardo Grande, Lucia Hernandez-Rivas, Alejandra Hernández-Terán, Pavel Isa, Irma	

EPI_ISL_1302234, EPI_ISL_1302247, EPI_ISL_1302317, EPI_ISL_1302339, EPI_ISL_1302386	Instituto Nacional de Enfermedades Respiratorias (INER)	Instituto de Biotecnología de la UNAM	Lopez-Martinez, José Arturo Martínez-Orozco, Margarita Matías-Florentino, Fidencio Mejía-Nepomuceno, Edgar Mendieta-Condado, Mario Mújica-Sánchez, José Esteban Muñoz-Medina, Tatiana Nunez-Garcia, Luis Alberto Ochoa-Carrera, Hector Esteban Paz-Juárez, Francisco Pulido, José Ernesto Ramírez-González, Alma Rincón-Rubio, Teresita Rojas-Mendoza, Jorge Salas-Hernández, Alejandro Sanchez-Flores, Clara Esperanza Santacruz-Tinoco, Andrea Santos Coy-Arechavaleta, Blanca Taboada, Gloria Vazquez, Joel Armando Vázquez-Pérez, Jerome Jean Verleyen
EPI_ISL_1303066, EPI_ISL_1303182, EPI_ISL_1303203, EPI_ISL_1303204, EPI_ISL_1303255, EPI_ISL_1303275, EPI_ISL_1303277	Microbiology Division, South Carolina Department of Health and Environmental Control	Microbiology Division, South Carolina Department of Health and Environmental Control	Authors from IBT, IMSS, InDRE and INER (in alphabetical order): Carlos F. Arias, Santiago Ávila-Ríos, Gisela Barrera-Badillo, Eduardo Becerril-Vargas, Celia Boukadida, Natividad Cruz-Ortiz, Larissa Fernandes-Matano, Ricardo Grande, Lucia Hernandez-Rivas, Alejandra Hernández-Terán, Pavel Isa, Irma Lopez-Martinez, José Arturo Martínez-Orozco, Margarita Matías-Florentino, Fidencio Mejía-Nepomuceno, Edgar Mendieta-Condado, Mario Mújica-Sánchez, José Esteban Muñoz-Medina, Tatiana Nunez-Garcia, Luis Alberto Ochoa-Carrera, Hector Esteban Paz-Juárez, Francisco Pulido, José Ernesto Ramírez-González, Alma Rincón-Rubio, Teresita Rojas-Mendoza, Jorge Salas-Hernández, Alejandro Sanchez-Flores, Clara Esperanza Santacruz-Tinoco, Andrea Santos Coy-Arechavaleta, Blanca Taboada, Gloria Vazquez, Joel Armando Vázquez-Pérez, Jerome Jean Verleyen
EPI_ISL_1303673, EPI_ISL_1303838, EPI_ISL_1303840, EPI_ISL_1303901, EPI_ISL_1303913, EPI_ISL_1303969, EPI_ISL_1304181, EPI_ISL_1304190, EPI_ISL_1304275, EPI_ISL_1304285, EPI_ISL_1304295, EPI_ISL_1304486, EPI_ISL_1304491, EPI_ISL_1304513, EPI_ISL_1304519, EPI_ISL_1304529, EPI_ISL_1304543, EPI_ISL_1304564, EPI_ISL_1304570, EPI_ISL_1304578, EPI_ISL_1304647, EPI_ISL_1304814, EPI_ISL_1304836, EPI_ISL_1304868, EPI_ISL_1304870, EPI_ISL_1304902, EPI_ISL_1304930, EPI_ISL_1305354, EPI_ISL_1305389, EPI_ISL_1305509, EPI_ISL_1305601, EPI_ISL_1305619, EPI_ISL_1305724	see above	Houston Methodist Hospital	Flores,H., Freeman,J.
EPI_ISL_1305943, EPI_ISL_1305972	Johns Hopkins Hospital Department of Pathology	Johns Hopkins Hospital Department of Pathology	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 Golilhar, and James M. Musser
EPI_ISL_1306096, EPI_ISL_1306097, EPI_ISL_1306098, EPI_ISL_1306099	Arizona State Public Health Laboratory	Arizona State Public Health Laboratory	C. Paul Morris, Chun Huai Luo, Adannaya Amadi, Matthew Schwartz, Heba H. Mostafa
EPI_ISL_1306151, EPI_ISL_1306194, EPI_ISL_1306206, EPI_ISL_1306242	Department of Laboratory Medicine, Clinical Center, National Institutes of Health	Laboratory of Parasitic Diseases, Systems Genomics Section, National Institute of Allergy and Infectious Diseases, National Institutes of Health	Trung Huynh, Jessica Escobar, Katherine Fullerton, Nobuko Fukushima, Stacy White, Linda Getsinger, Victor Waddell
EPI_ISL_1306749, EPI_ISL_1306767, EPI_ISL_1306830, EPI_ISL_1306953, EPI_ISL_1307555	Pandemic Response Lab - NYC	Pandemic Response Lab, R&D	Allison Roder, Stephanie Banakis, Matthew Chung, Jung-ho Youn, Rachel Mercado, Wei Wang, Tara Palmore, Michael Bell, Heike Bailin, Jessica McCormick-Ell, Sanchita Das, Jennifer Kwan, Elodie Ghedin
EPI_ISL_1312773, EPI_ISL_1312774, EPI_ISL_1312785, EPI_ISL_1312787	Molecular & Genomic Pathology Laboratory, Thomas Jefferson University Hospital	Molecular & Genomic Pathology Laboratory, Thomas Jefferson University Hospital	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_1313550, EPI_ISL_1313556	NJDOH, Public Health and Environmental Laboratories	NJ_PHEL	Run Jin, Nitika Badjatia, Zi-xuan Wang
EPI_ISL_1313814, EPI_ISL_1313884, EPI_ISL_1313885	Utah Public Health Laboratory	Utah Public Health Laboratory	Lindsey Bodnar, Shiv K. Verma, Dana Woell, Byeong Jeong
EPI_ISL_1314353	Vault Health	Minnesota Department of Health, Public Health Laboratory	Erin L. Young, Kelly F. Oakeson, Tara Gallagher
EPI_ISL_1314548, EPI_ISL_1314563, EPI_ISL_1314567, EPI_ISL_1314573, EPI_ISL_1314613, EPI_ISL_1314643, EPI_ISL_1314668, EPI_ISL_1314700, EPI_ISL_1314702, EPI_ISL_1314709, EPI_ISL_1314716, EPI_ISL_1314717, EPI_ISL_1314760, EPI_ISL_1314812, EPI_ISL_1314829, EPI_ISL_1314842, EPI_ISL_1314905, EPI_ISL_1314914	see above	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1315133, EPI_ISL_1315136, EPI_ISL_1315139, EPI_ISL_1315140	The Jackson Laboratory	The Jackson Laboratory	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_1315529	Instituto Nacional de Medicina Genomica	Instituto Nacional de Medicina Genomica	Bergeron D, Renzette N, Adams M, Omerza G, Kelly K, Li L
EPI_ISL_1315585, EPI_ISL_1315586, EPI_ISL_1315587, EPI_ISL_1315588, EPI_ISL_1315589, EPI_ISL_1315590, EPI_ISL_1315591	Arizona State Public Health Laboratory	Arizona State Public Health Laboratory	Hidalgo-Miranda A, Mendoza-Vargas A, Reyes-Grageda 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_1317931	Furst Medical Laboratory	Norwegian Institute of Public Health, Department of Virology	Trung Huynh, Jessica Escobar, Katherine Fullerton, Nobuko Fukushima, Stacy White, Linda Getsinger, Victor Waddell
EPI_ISL_1318318	MI - Michigan Department of Health and Human Services - Bureau of Laboratories	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Kathrine Stene-Johansen, Kamilla Heddeland Instefjord, Hilde Elshaug, Garcia Llorente Ignacio, Jon Bråte, Engebretsen Serina Beate, Pedersen Benedikte Nevjen, Debech Nadia, Atiya R Ali, Marie Paulsen Madsen, Rasmus Riis Kopperud, Hilde Vollan, Karoline Bragstad, Olav Hungnes
EPI_ISL_1318331, EPI_ISL_1318335, EPI_ISL_1318338, EPI_ISL_1318346	DC Public Health Lab/ Dept. of Forensic Sciences	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, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1318361, EPI_ISL_1318365	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 Lacek, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1318381, EPI_ISL_1318391	"CO Dept. of Public Health and Environment, Lab Services 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, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1318420, EPI_ISL_1318421, EPI_ISL_1318423	NH Dept. of Health and Human Services Public Health Labs	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, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1318483	FL Bureau of Public Health Laboratories-Tampa	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, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1318554, EPI_ISL_1318555	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 Lacek, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1318659, EPI_ISL_1318665	"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 Lacek, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1318669, EPI_ISL_1318675, EPI_ISL_1318676	"PA Department of Health, 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

EPI_ISL_1318685, EPI_ISL_1318686, EPI_ISL_1318687	NE Public Health Laboratory	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Lacek, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Kripe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Marquez, Luis Rubio, Gabriel Chamie, Diane Jones, Jon Jacobo, Susana Rojas, Susy Rojas, Valerie Lacek, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1318736, EPI_ISL_1318759, EPI_ISL_1318773, EPI_ISL_1318821	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_1319065, EPI_ISL_1319127, EPI_ISL_1319478, EPI_ISL_1319514, EPI_ISL_1319540, EPI_ISL_1319581, EPI_ISL_1319657, EPI_ISL_1319698, EPI_ISL_1319711, EPI_ISL_1319751, EPI_ISL_1319752, EPI_ISL_1319799, EPI_ISL_1319816, EPI_ISL_1319821, EPI_ISL_1319822, EPI_ISL_1319837, EPI_ISL_1319846, EPI_ISL_1319848, EPI_ISL_1319870, EPI_ISL_1319873, EPI_ISL_1319887, EPI_ISL_1319932, EPI_ISL_1319960, EPI_ISL_1319969, EPI_ISL_1319994, EPI_ISL_1320004, EPI_ISL_1320095, EPI_ISL_1320335, EPI_ISL_1320402, EPI_ISL_1320432, EPI_ISL_1320443, EPI_ISL_1320463, EPI_ISL_1320466, EPI_ISL_1320469, EPI_ISL_1320480, EPI_ISL_1320504, EPI_ISL_1320507, EPI_ISL_1320522, EPI_ISL_1320570, EPI_ISL_1320622, EPI_ISL_1320624, EPI_ISL_1320694, EPI_ISL_1320695, EPI_ISL_1320714, EPI_ISL_1320718, EPI_ISL_1320719, EPI_ISL_1320756, EPI_ISL_1320771, EPI_ISL_1320799, EPI_ISL_1320850, EPI_ISL_1320928, EPI_ISL_1321126, EPI_ISL_1321270, EPI_ISL_1321310	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
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EPI_ISL_1323345, EPI_ISL_1323359, EPI_ISL_1323448 EPI_ISL_1323641 EPI_ISL_1324133	Illinois Department of Public Health Nevada State Public Health Laboratory UW Virology Lab	Gagnon Lab, Southern Illinois University Nevada State Public Health Laboratory UW Virology Lab	Andrew Gorzalski, Mark Pandori Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Shah Mohamed Bakhsh, Michelle Lin, Margaret Mills, Noah Baker, Sean Ellis, Saraswathi Sathees, Meei-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_1324788, EPI_ISL_1324789 EPI_ISL_1333851	Nevada State Public Health Laboratory Lighthouse Lab in Cambridge	Nevada State Public Health Laboratory Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Andrew Gorzalski, Mark Pandori 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_1334290, EPI_ISL_1334292, EPI_ISL_1334301, EPI_ISL_1334307, EPI_ISL_1334309, EPI_ISL_1334312, EPI_ISL_1334313 EPI_ISL_1334591 EPI_ISL_1335302	Wyoming Public Health Laboratory Arizona State Public Health Laboratory Public Health Ontario Laboratory	Wyoming Public Health Laboratory Arizona State Public Health Laboratory Public Health Ontario 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 Trung Huynh, Jessica Escobar, Katherine Fullerton, Nobuko Fukushima, Stacy White, Linda Getsinger, Victor Waddell 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_1335768, EPI_ISL_1335774, EPI_ISL_1335776, EPI_ISL_1335780, EPI_ISL_1335791, EPI_ISL_1335798 EPI_ISL_1335829, EPI_ISL_1335836, EPI_ISL_1335855, EPI_ISL_1335863, EPI_ISL_1335864 EPI_ISL_1336288	Wyoming Public Health Laboratory Santa Clara County Public Health Laboratory MD PHL	Wyoming Public Health Laboratory Santa Clara County Public Health Laboratory MD PHL	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 Santa Clara County Public Health Department Maryland Department of Health Laboratories Administration
EPI_ISL_1337608, EPI_ISL_1337647, EPI_ISL_1337648, EPI_ISL_1337649, EPI_ISL_1337663 EPI_ISL_1338131, EPI_ISL_1338159, EPI_ISL_1338181, EPI_ISL_1338192, EPI_ISL_1338228, EPI_ISL_1338247, EPI_ISL_1338365, EPI_ISL_1338378	Wyoming Public Health Laboratory Helix/Illumina	Wyoming Public Health Laboratory Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	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 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_1338495, EPI_ISL_1338530, EPI_ISL_1338628, EPI_ISL_1338642, EPI_ISL_1338646, EPI_ISL_1338703, EPI_ISL_1338706, EPI_ISL_1338713, EPI_ISL_1338714, EPI_ISL_1338768, EPI_ISL_1338769, EPI_ISL_1338803, EPI_ISL_1338807, EPI_ISL_1338818, EPI_ISL_1338846, EPI_ISL_1338962, EPI_ISL_1339045, EPI_ISL_1339062, EPI_ISL_1339107, EPI_ISL_1339164, EPI_ISL_1339314, EPI_ISL_1339373, EPI_ISL_1339508, EPI_ISL_1339560, EPI_ISL_1339636, EPI_ISL_1339639, EPI_ISL_1339645, EPI_ISL_1339707, EPI_ISL_1339708, EPI_ISL_1339719, EPI_ISL_1339721, EPI_ISL_1339733, EPI_ISL_1339740, EPI_ISL_1339747, EPI_ISL_1339773, EPI_ISL_1339789	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
see above			
EPI_ISL_1339854, EPI_ISL_1339912, EPI_ISL_1339929, EPI_ISL_1339947, EPI_ISL_1339958 EPI_ISL_1339974, EPI_ISL_1339978, EPI_ISL_1339980, EPI_ISL_1339982, EPI_ISL_1339983, EPI_ISL_1339990, EPI_ISL_1339991, EPI_ISL_1339992, EPI_ISL_1340003, EPI_ISL_1340013, EPI_ISL_1340014	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
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EPI_ISL_1340253, EPI_ISL_1340285, EPI_ISL_1340315, EPI_ISL_1340332	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

EPI_ISL_1340353, EPI_ISL_1340357, EPI_ISL_1340358, EPI_ISL_1340379, EPI_ISL_1340411, EPI_ISL_1340437			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_1340451, EPI_ISL_1340455, EPI_ISL_1340475, EPI_ISL_1340484, EPI_ISL_1340515, EPI_ISL_1340547, EPI_ISL_1340587, EPI_ISL_1340590, EPI_ISL_1340612, EPI_ISL_1340632, EPI_ISL_1340653, EPI_ISL_1340738	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_1340808, EPI_ISL_1340817	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_1340897	TriCore Reference Laboratory Inc.	New Mexico Department of Health Scientific Laboratory	Ellie Johnson, Anastacia Griego-Fisher, D'eldra Malone, Jennifer Benoit
EPI_ISL_1340904	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_1346494, EPI_ISL_1346568, EPI_ISL_1346574, EPI_ISL_1346578	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_1348110, EPI_ISL_1348138, EPI_ISL_1348294, EPI_ISL_1348295, EPI_ISL_1348297	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
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EPI_ISL_1358922, EPI_ISL_1358925, EPI_ISL_1359044, EPI_ISL_1359045, EPI_ISL_1359050	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
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EPI_ISL_1360011	CH TOULON LA SEYNE SUR MER	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1360014, EPI_ISL_1360015	CERBALIANCE RHONE ALPES	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal, Gregory Destras, Gwendolyne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1360378	CSIR-National Environmental Engineering Research Institute	CSIR-Centre for Cellular and Molecular Biology - INSACOG	Ara Sreenivas, Onkar Kulkarni, Lamuk Zaveri, Sofia Banu, Shreekanth Verma, Amareshwar Vodapalli , Viswagithe S L, B Himasri, Sharath Chandra Thota, Karthik Bharadwaj Tallapakka, Krishna Khairnar, Rakesh K Mishra,Divya Tej Sowpati
EPI_ISL_1362734, EPI_ISL_1362945, EPI_ISL_1362946, EPI_ISL_1362957	Missouri State Public Health Laboratory	Missouri State Public Health Laboratory	Matthew Sinn, Joshua Barry, Ashley New
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EPI_ISL_1363331, EPI_ISL_1363380, EPI_ISL_1363433, EPI_ISL_1363469, EPI_ISL_1363474, EPI_ISL_1363480, EPI_ISL_1363512, EPI_ISL_1363529, EPI_ISL_1363541, EPI_ISL_1363577, EPI_ISL_1363582, EPI_ISL_1363593, EPI_ISL_1363655, EPI_ISL_1363663, EPI_ISL_1363677, EPI_ISL_1363690, EPI_ISL_1363698, EPI_ISL_1363723, EPI_ISL_1363755			
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EPI_ISL_1364550, EPI_ISL_1364564, EPI_ISL_1364577, EPI_ISL_1364581	Virginia Division of Consolidated Laboratory Services	Virginia Division of Consolidated Laboratory Services	Virginia DCLS
EPI_ISL_1364633, EPI_ISL_1364661, EPI_ISL_1364676, EPI_ISL_1364705, EPI_ISL_1364715, EPI_ISL_1364716, EPI_ISL_1364755, EPI_ISL_1364757, EPI_ISL_1364776, EPI_ISL_1364777, EPI_ISL_1364782, EPI_ISL_1364791, EPI_ISL_1364801, EPI_ISL_1364809, EPI_ISL_1364835, EPI_ISL_1364859, EPI_ISL_1365478, EPI_ISL_1365518, EPI_ISL_1365589			
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EPI_ISL_1365643, EPI_ISL_1365644, EPI_ISL_1365646	LESP Nuevo Leon	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.
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EPI_ISL_1365668, EPI_ISL_1365672	LESP Nuevo Leon	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_1365727, EPI_ISL_1365731	Virginia Division of Consolidated Laboratory Services	Virginia Division of Consolidated Laboratory Services	Virginia DCLS
EPI_ISL_1366167	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

EPI_ISL_1366259	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_1366381, EPI_ISL_1366397, EPI_ISL_1366399, EPI_ISL_1366400	Scripps Medical Laboratory	Andersen lab at Scripps Research	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_1366429	Sharp HealthCare Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Michael Quigley, Ellen Stefanski, Ian Mchardy
EPI_ISL_1367321, EPI_ISL_1367408	Quest Diagnostics Incorporated	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	SEARCH Alliance San Diego with Aaron Harding, Jacquelyn Berumen, Cathy Woerle, Liam McGinnis, Art Mendoza, Omid Bakhtar
EPI_ISL_1367609, EPI_ISL_1367659	Michigan Department of Health and Human Services, Bureau of Laboratories	Michigan Department of Health and Human Services, Bureau of Laboratories	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_1371710, EPI_ISL_1371713	Virginia Division of Consolidated Laboratory Services	Virginia Division of Consolidated Laboratory Services	Blankenship HM, Riner D, Soehnlen MK
EPI_ISL_1371783	CERBALLIANE RHONE ALPES	CNR Virus des Infections Respiratoires - France SUD	Virginia DCLS
EPI_ISL_1372179	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Antonin Bal, Gregory Destras, Gwendolynne Burfin, Hadrien Regue, Quentin Semanas, Martine Valette, Bruno Lina, Laurence Josset
EPI_ISL_1372530	Mayo Clinic & Mayo Clinic Laboratories	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1372573	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1372966, EPI_ISL_1372970	US Air Force School of Aerospace Medicine	US Air Force School of Aerospace Medicine	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_1373477, EPI_ISL_1373495	Clinical Molecular Microbiology Laboratory, UNC Hospitals	Jeremy Wang	Anthony Fries, Jennifer Meyer, William Gruner, William Buggele, Amanda Javorina, Sarah Purves, Clarise Starr, Elizabeth Macias
EPI_ISL_1373677, EPI_ISL_1373678, EPI_ISL_1373680, EPI_ISL_1373703	UPMC Clinical Microbiology Laboratory	Microbial Genome Sequencing Center; Microbial Genomic Epidemiology Laboratory, University of Pittsburgh	Jeremy Wang, Alexander Rubinsteyn, Colleen Rice, Jason Smedberg, Shawn Hawken, Melissa Miller, Corbin Jones, Robert Hagan
EPI_ISL_1373793	CDPH, Viral and Rickettsial Disease Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Lee H. Harrison, Jane W. Marsh, Marissa P. Griffith, Stephanie L. Mitchell, Vatsala R. Srinivasa, Kady D. Waggle, Daniel J. Snyder, Vaughn S. Cooper
EPI_ISL_1373811	GA Department of Public Health Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Brian Lynch, Anna Kelleher, Krista Queen, Anna Uehara, Peter Cook, Han Jia Justin Ng, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_1373824	Washington University School of Medicine	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_1373828, EPI_ISL_1373849, EPI_ISL_1373851, EPI_ISL_1373861, EPI_ISL_1373875	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_1374023	Springfield-Greene Co. Health Dept.	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_1378652	Nevada State Public Health Laboratory	Nevada State Public Health Laboratory	Jing Zhang, Yan Li, 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_1378932, EPI_ISL_1378933	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Andrew Gorzalski, Mark Pandori
EPI_ISL_1379218, EPI_ISL_1379254	NYP-WCM	New York Genome Center	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_1379296, EPI_ISL_1379321	Hackensack Meridian Health	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 Craney, Lars F Westblade
EPI_ISL_1379427	LABORATORIO CLINICO LABIN	Incienza, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Michael Zody, Andre Corvelo, Dayna M. Oschwald, Samantha Fennessey, Tom Maniatis, Liang Chen, Jose Mediavilla, Marcus Cunningham, Kaelea Composto, Kar Chow, David Perlín, Barry Kreiswirth
EPI_ISL_1379536, EPI_ISL_1379560, EPI_ISL_1379570, EPI_ISL_1379572, EPI_ISL_1379574	Tampa General Hospital Esoteric Lab	Tampa General Hospital Esoteric Research & Development Lab	Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godínez, Melany Calderón & Pei Ling Chan Ma
EPI_ISL_1379608	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Grant Vestal, Deanna Becker, Dominic Uy, Vicki Healer, Amorice Lima, Suzane Silbert
EPI_ISL_1379690	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	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_1379693	PA Dept of Heath, Bureau of Laboratories	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_1379697, EPI_ISL_1379703	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	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_1379733, EPI_ISL_1379743, EPI_ISL_1379764, EPI_ISL_1379771	Stanford Health Care	Stanford University School of Medicine, Clinical Virology Laboratory	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_1379790	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_1379828, EPI_ISL_1379853	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_1379871, EPI_ISL_1379874, EPI_ISL_1379881	Stanford Health Care	Stanford University School of Medicine, Clinical Virology Laboratory	Mamdouh Sibai, Daniel Solis, Fumiko Yamamoto, Malaya K. Sahoo, Michelle Verghese, ChunHong Huang, James Zehnder, and Benjamin A. Pinsky
EPI_ISL_1380059	Clinical Molecular Microbiology Laboratory, UNC Hospitals	Jeremy Wang	Michelle Verghese, ChunHong Huang, Mamdouh Sibai, Daniel Solis, Fumiko Yamamoto, Malaya K. Sahoo, James Zehnder, and Benjamin A. Pinsky
EPI_ISL_1381907, EPI_ISL_1381912, EPI_ISL_1381917	Virginia Division of Consolidated Laboratory Services	Virginia Division of Consolidated Laboratory Services	Jeremy Wang, Alexander Rubinsteyn, Colleen Rice, Jason Smedberg, Shawn Hawken, Melissa Miller, Corbin Jones, Robert Hagan
EPI_ISL_1384982, EPI_ISL_1384983, EPI_ISL_1385324, EPI_ISL_1385664	Pandemic Response Lab - NYC	Pandemic Response Lab, R&D	Virginia DCLS
EPI_ISL_1385820	BANGALORE MEDICAL COLLEGE AND RESEARCH INSTITUTE	INSACOG-KA, NIMHANS	Henry Lee, Michael Hammerling, Melissa Hopkins, Cybill del Castillo, Shinyoung Clair Kang, William Ward, Pradeep Bugga, Sol Rey, Dylan Law, Haiping Hao, Jon Laurent
			Chitra Pattabiraman, Pramada Prasad, Anson Kunjumon George, Darshan Sreenivas, Nakka Vijay Kiran Reddy, Anita S Desai, V Ravi

EPI_ISL_1388662	University Hospital Basel, Clinical Virology	University Hospital Basel, Clinical Bacteriology	Tim Roloff, Madlen Stange, Helena MB Seth-Smith, Alfredo Mari, Karoline Leuzinger, Julia Bielicki, Manuel Battegay, Hans Hirsch, Adrian Egli
EPI_ISL_1391372	DC Public Health Lab/ Dept. of Forensic Sciences	DC Public Health Lab/ Dept. of Forensic Sciences	Janis Doss, Scott Nguyen, Elizabeth Zelaya, Sarah Scott, Connie Maza, Monica Mann, Brittany Hamilton, David Payne, Jocelyn Hauser
EPI_ISL_1391473, EPI_ISL_1391478, EPI_ISL_1391588	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_1391721, EPI_ISL_1391748, EPI_ISL_1391772, EPI_ISL_1391780, EPI_ISL_1391820, EPI_ISL_1391867, EPI_ISL_1391911, EPI_ISL_1391923, EPI_ISL_1391926, EPI_ISL_1391931, EPI_ISL_1391942, EPI_ISL_1391957, EPI_ISL_1391990, EPI_ISL_1391996	see above	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_1392022, EPI_ISL_1392034, EPI_ISL_1392057, EPI_ISL_1392075, EPI_ISL_1392085, EPI_ISL_1392092, EPI_ISL_1392096, EPI_ISL_1392098, EPI_ISL_1392099, EPI_ISL_1392103, EPI_ISL_1392108, EPI_ISL_1392117, EPI_ISL_1392152, EPI_ISL_1392185, EPI_ISL_1392194, EPI_ISL_1392204, EPI_ISL_1392222	see above	TGen North	*Jolene Bowers, Heather Centner, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)*
EPI_ISL_1392237	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_1392271, EPI_ISL_1392281, EPI_ISL_1392308, EPI_ISL_1392328, EPI_ISL_1392344, EPI_ISL_1392352, EPI_ISL_1392377	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_1392400	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_1392444	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_1392464	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_1392465, EPI_ISL_1392484, EPI_ISL_1392552, EPI_ISL_1392555, EPI_ISL_1392559, EPI_ISL_1392563, EPI_ISL_1392582, EPI_ISL_1392590, EPI_ISL_1392613, EPI_ISL_1392637	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_1394612	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_1394629, EPI_ISL_1394630, EPI_ISL_1394631, EPI_ISL_1394636, EPI_ISL_1394637, EPI_ISL_1394640	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_1394651	New York Presbyterian Hospital	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1395714	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_1395764	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_1396407	DC Public Health Lab/ Dept. of Forensic Sciences	DC Public Health Lab/ Dept. of Forensic Sciences	Janis Doss, Scott Nguyen, Elizabeth Zelaya, Sarah Scott, Connie Maza, Monica Mann, Brittany Hamilton, David Payne, Jocelyn Hauser
EPI_ISL_1397394	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_1397395	NORTH SHORE UNIVERSITY HOSPITAL	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1397397, EPI_ISL_1397398, EPI_ISL_1397404, EPI_ISL_1397406, EPI_ISL_1397415, EPI_ISL_1397417, EPI_ISL_1397422	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_1397426, EPI_ISL_1397439, EPI_ISL_1397441, EPI_ISL_1397442	ADIRONDACK MEDICAL CENTER	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1397478, EPI_ISL_1397489, EPI_ISL_1397499, EPI_ISL_1397507, EPI_ISL_1397517, EPI_ISL_1397523	New York Presbyterian Hospital	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1397543	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_1397546, EPI_ISL_1397547	GLENS FALLS HOSPITAL LABORATORY	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1397552, EPI_ISL_1397556, EPI_ISL_1397560, EPI_ISL_1397563, EPI_ISL_1397565, EPI_ISL_1397566, EPI_ISL_1397572	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_1397601, EPI_ISL_1397603, EPI_ISL_1397604, EPI_ISL_1397605	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_1397614	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_1397629	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_1397711	ADIRONDACK MEDICAL CENTER	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider,

EPI_ISL_1397716	ALBANY MEDICAL CENTER	Wadsworth Center, New York State Department of Health	Erica Lasek-Nesselquist 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_1397721, EPI_ISL_1397723	ADIRONDACK MEDICAL CENTER	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1397726, EPI_ISL_1397729	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_1397731, EPI_ISL_1397738, EPI_ISL_1397739, EPI_ISL_1397743, EPI_ISL_1397747	ADIRONDACK MEDICAL CENTER	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1397754, EPI_ISL_1397757, EPI_ISL_1397759, EPI_ISL_1397761, EPI_ISL_1397767	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_1397783	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_1397811, EPI_ISL_1397823	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_1397856, EPI_ISL_1397866	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_1397871	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_1397961	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_1397966	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_1397973, EPI_ISL_1397975, EPI_ISL_1397976, EPI_ISL_1397979, EPI_ISL_1397980, EPI_ISL_1397991, EPI_ISL_1397992, EPI_ISL_1397997	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_1398004	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_1398009, EPI_ISL_1398011, EPI_ISL_1398019	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_1398026	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_1398128, EPI_ISL_1398129, EPI_ISL_1398138, EPI_ISL_1398140	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_1398147	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_1398154	GLENS FALLS HOSPITAL LABORATORY	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1398226, EPI_ISL_1398228, EPI_ISL_1398230, EPI_ISL_1398241, EPI_ISL_1398252, EPI_ISL_1398253, EPI_ISL_1398258	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_1398262	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_1398284	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_1398314, EPI_ISL_1398316	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_1398968	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_1399164, EPI_ISL_1399169	Nevada State Public Health Laboratory	Nevada State Public Health Laboratory	Andrew Gorzalski, Mark Pandori
EPI_ISL_1399262, EPI_ISL_1399265	LESP Nuevo Leon	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_1399270	LESP Jalisco	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_1399279	LESP Veracruz	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_1400820, EPI_ISL_1400822, EPI_ISL_1400825, EPI_ISL_1400844, EPI_ISL_1400863, EPI_ISL_1400864, EPI_ISL_1400867, EPI_ISL_1400888	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_1400983	San Juan Regional Medical Center	New Mexico Department of Health Scientific Laboratory	Ellie Johnson, Anastacia Griego-Fisher, D'eldra Malone, Jennifer Benoit
EPI_ISL_1400986, EPI_ISL_1401001, EPI_ISL_1401002, EPI_ISL_1401014, EPI_ISL_1401016, EPI_ISL_1401017, EPI_ISL_1401025, EPI_ISL_1401026, EPI_ISL_1401041, EPI_ISL_1401059, EPI_ISL_1401066, EPI_ISL_1401068	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
see above	South Dakota Public Health Laboratory	South Dakota Public Health Laboratory	Jacob Garfin and Chris Carlson
EPI_ISL_1401075			

EPI_ISL_1401519, EPI_ISL_1401539 EPI_ISL_1401983	The Jackson Laboratory Kansas Health and Environmental Lab	The Jackson Laboratory Kansas Health and Environmental Lab	Bergeron D, Uvalic J, Renzette N, Adams M, Omerza G, Kelly K, Li L Mike Grose, Jonathan Barnell, Ben Olsen, and Phil Adam
EPI_ISL_1402586, EPI_ISL_1402587, EPI_ISL_1402644, EPI_ISL_1402646, EPI_ISL_1402647, EPI_ISL_1402654	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 McBroom, Hugh Olsen, Jeremy Sanford, Beth Shapiro, Michael Stone, Bryan Thornlow, Yatish Turakhia
EPI_ISL_1402789, EPI_ISL_1402790, EPI_ISL_1402798, EPI_ISL_1402799, EPI_ISL_1402800, EPI_ISL_1402801, EPI_ISL_1402818, EPI_ISL_1402873, EPI_ISL_1402882, EPI_ISL_1402892	Johns Hopkins Hospital Department of Pathology	Johns Hopkins Hospital Department of Pathology	C. Paul Morris, Chun Huai Luo, Adannaya Amadi, Matthew Schwartz, Heba H. Mostafa
EPI_ISL_1402985, EPI_ISL_1402998, EPI_ISL_1403005, EPI_ISL_1403009, EPI_ISL_1403010, EPI_ISL_1403028	Hospital of the University of Pennsylvania Molecular Pathology Lab	Bushman Lab - University of Pennsylvania	John Everett, Kyle Rodino, Shantan 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_1403055 EPI_ISL_1403799	IN State Department of Health Laboratory Services Wyoming Public Health Laboratory	IN State Department of Health Laboratory Services Wyoming Public Health Laboratory	Cassandra Campion, Jamie Yeadon, Brian Pope, Lixia Liu, Kyle Brownlee, Melissa Hindenlang, Ankita Kashikar, Mark Glazier 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_1403875, EPI_ISL_1403933, EPI_ISL_1403996, EPI_ISL_1404022, EPI_ISL_1404086	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin L. Young, Kelly F. Oakeson, Tara Gallagher
EPI_ISL_1404362, EPI_ISL_1404363, EPI_ISL_1404364, EPI_ISL_1404365, EPI_ISL_1404366, EPI_ISL_1404367, EPI_ISL_1404368, EPI_ISL_1404369, EPI_ISL_1404370, EPI_ISL_1404371, EPI_ISL_1404372 see above	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_1404582, EPI_ISL_1404583, EPI_ISL_1404584, EPI_ISL_1404587	DC Public Health Lab/ Dept. of Forensic Sciences	DC Public Health Lab/ Dept. of Forensic Sciences	Janis Doss, Scott Nguyen, Elizabeth Zelaya, Sarah Scott, Connie Maza, Monica Mann, Brittany Hamilton, David Payne, Jocelyn Hauser
EPI_ISL_1404591, EPI_ISL_1404610 EPI_ISL_1404652, EPI_ISL_1404673, EPI_ISL_1404674, EPI_ISL_1404675, EPI_ISL_1404679	Nevada State Public Health Laboratory Oregon State University TRACE Project	Nevada State Public Health Laboratory OSU Center for Genome Research and Biocomputing	Andrew Gorzalski, Mark Pandori Oregon State University TRACE Project
EPI_ISL_1404823, EPI_ISL_1404826, EPI_ISL_1404829, EPI_ISL_1404840 EPI_ISL_1404975	Laboratoire de santé publique du Québec Eurofins Diatherix	Laboratoire de santé publique du Québec Hudsonalpha Genome Sequencing Center	Sandrine Moreira, Ioannis Ragoussis, Guillaume Bourque, Jesse Shapiro, Mark Lathrop and Michel Roger on behalf of the CoVSeQ research group (http://covseq.ca/researchgroup) 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_1405055, EPI_ISL_1405056	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 McBroom, Hugh Olsen, Jeremy Sanford, Beth Shapiro, Michael Stone, Bryan Thornlow, Yatish Turakhia
EPI_ISL_1405101, EPI_ISL_1405190, EPI_ISL_1405240	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_1405494, EPI_ISL_1405515, EPI_ISL_1405516, EPI_ISL_1405518, EPI_ISL_1405522, EPI_ISL_1405523, EPI_ISL_1405536, EPI_ISL_1405597	Johns Hopkins Hospital Department of Pathology	Johns Hopkins Hospital Department of Pathology	C. Paul Morris, Chun Huai Luo, Adannaya Amadi, Matthew Schwartz, Heba H. Mostafa
EPI_ISL_1405633	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 McBroom, Hugh Olsen, Jeremy Sanford, Beth Shapiro, Michael Stone, Bryan Thornlow, Yatish Turakhia
EPI_ISL_1405781	Texas Department of State Health Services (TXDSHS)	Texas Department of State Health Services (TXDSHS)	Rashmi Tuladhar, Bonnie Oh, Jenny Zhang, Maliha Rahman, Mayela Pedrueza, Anita Pokharel, Lorraine Rodriguez, Myong Koag, Chun Wang, Rachel Lee, Grace Kubin
EPI_ISL_1405860, EPI_ISL_1405871, EPI_ISL_1405891, EPI_ISL_1405893	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 McBroom, Hugh Olsen, Jeremy Sanford, Beth Shapiro, Michael Stone, Bryan Thornlow, Yatish Turakhia
EPI_ISL_1405907	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_1405913	LESP Jalisco	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_1406170 EPI_ISL_1406229	Santa Clara County Public Health Laboratory Wyoming Public Health Laboratory	Santa Clara County Public Health Laboratory Wyoming Public Health Laboratory	Santa Clara County Public Health Department 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_1407399, EPI_ISL_1407405	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_1408895	GA Department of Public Health Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Brian Lynch, Anna Kelleher, Krista Queen, Anna Uehara, Peter Cook, Han Jia Justin Ng, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_1413141, EPI_ISL_1413152, EPI_ISL_1413181, EPI_ISL_1413314, EPI_ISL_1413468	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_1413582	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_1416197, EPI_ISL_1416249	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_1420789, EPI_ISL_1420795, EPI_ISL_1420804	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_1420828	Montana Public Health Laboratory	Montana Public Health Laboratory	Joy Ritter, Michelle Mozer, Carrie Biskupiak, Deborah Gibson

EPI_ISL_1421028	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Kelsey R. Florek, Abigail C. Shockey
EPI_ISL_1422571, EPI_ISL_1422587 EPI_ISL_1423240, EPI_ISL_1423316	GA Department of Public Health J.W. Ruby Memorial Hospital	GA Department of Public Health WVU and Marshall University Combined Genomics Core Facilities	Stacy Reeves, Jonathan Edwards, Cynthia Dixey, Tonia Parrott, Aliyah Fields, Taylor Smith "James Denvir, Peter Stoilov, Peter Perrotta, Wesley Kimble, Ryan Percifield"
EPI_ISL_1423378	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_1423545	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1423946, EPI_ISL_1423952	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_1423991, EPI_ISL_1423992 EPI_ISL_1424094	Oregon State University TRACE Project Stanford Health Care	OSU Center for Genome Research and Biocomputing Stanford University School of Medicine, Clinical Virology Laboratory	Oregon State University TRACE Project Fumiko Yamamoto, Malaya K. Sahoo, Mamdouh Sibai, Daniel Solis, Michelle Verghese, ChunHong Huang, James Zehnder, and Benjamin A. Pinsky
EPI_ISL_1424102	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_1424128	Stanford Health Care	Stanford University School of Medicine, Clinical Virology Laboratory	Becky Jiang, Mamdouh Sibai, Daniel Solis, Fumiko Yamamoto, Michelle Verghese, ChunHong Huang, James Zehnder, Malaya K. Sahoo, and Benjamin A. Pinsky
EPI_ISL_1443304, EPI_ISL_1443321	Clinical Molecular Microbiology Laboratory, UNC Hospital	Dirk Dittmer	Justin T. Landis , Razia Moorad , Brent A. Eason, Melissa B. Miller, Linda Pluta, Dirk Dittmer, Angelica Juarez, Cecilia Thompson, Shawn Hawken, Cameroon Grant, Evelyn Hoffman, Patricio Cano, Jason Wong, Carolina Caro-Vegas, Ryan McNamara, Blossom Damania.
EPI_ISL_1443602	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Jim Mildenerberger, Wanda Manley, Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Norberg, Chayse Rowley, Marley Goetz, Brian Dominguez, Elliot Thomasson, Carl Sloma, and Rob Christensen
EPI_ISL_1443781, EPI_ISL_1443787 EPI_ISL_1443817	Arizona State Public Health Laboratory GA Department of Public Health	Arizona State Public Health Laboratory GA Department of Public Health	Trung Huynh, Jessica Escobar, Katherine Fullerton, Nobuko Fukushima, Stacy White, Linda Getsinger, Victor Waddell Stacy Reeves, Jonathan Edwards, Cynthia Dixey, Tonia Parrott, Aliyah Fields, Taylor Smith
EPI_ISL_1443832, EPI_ISL_1443856, EPI_ISL_1443863, EPI_ISL_1443916, EPI_ISL_1443999, EPI_ISL_1444008, EPI_ISL_1444058, EPI_ISL_1444168, EPI_ISL_1444259	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_1444479, EPI_ISL_1444485, EPI_ISL_1444531, EPI_ISL_1444574	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_1444801, EPI_ISL_1444821, EPI_ISL_1444832, EPI_ISL_1444843, EPI_ISL_1444854, EPI_ISL_1444855, EPI_ISL_1444875	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_1444912, EPI_ISL_1444953, EPI_ISL_1444954, EPI_ISL_1444955, EPI_ISL_1444956, EPI_ISL_1444957, EPI_ISL_1444958, EPI_ISL_1444959, EPI_ISL_1444960, EPI_ISL_1444961, EPI_ISL_1444962, EPI_ISL_1444963, EPI_ISL_1444964, EPI_ISL_1444965, EPI_ISL_1444966, EPI_ISL_1444967	see above Erie County Public Health (ECPHL)	University at Buffalo Genomics and Bioinformatics Core	Jonathan Bard, Natalie Lamb, Alyssa Pohlman, Brandon Marzullo, Amanda Boccocucci, Norma Nowak, Donald Yergeau, Jennifer Surtees
EPI_ISL_1445281, EPI_ISL_1445442, EPI_ISL_1445475, EPI_ISL_1445572, EPI_ISL_1445704, EPI_ISL_1445722, EPI_ISL_1445757, EPI_ISL_1445841, EPI_ISL_1445906, EPI_ISL_1445934, EPI_ISL_1445935	see above Aegis Sciences Corporation	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, Cyndi Clark, Patrick Campbell, Rob Case, Vikramsiniha Ghorpade, Holly Houdeshell, Ola Kvalvaag, Dillon Nail, Ethan Sanders, Alec Vest, Shaun Westlund, Matthew Hardison, Clinton R. Paden, Duncan MacCannell
EPI_ISL_1446037 EPI_ISL_1446056	Minnesota Department of Health, Public Health Laboratory Vault Health	Minnesota Department of Health, Public Health Laboratory Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1446094, EPI_ISL_1446096, EPI_ISL_1446177	Aegis Sciences Corporation	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, Cyndi Clark, Patrick Campbell, Rob Case, Vikramsiniha Ghorpade, Holly Houdeshell, Ola Kvalvaag, Dillon Nail, Ethan Sanders, Alec Vest, Shaun Westlund, Matthew Hardison, Clinton R. Paden, Duncan MacCannell
EPI_ISL_1446277, EPI_ISL_1446281 EPI_ISL_1446415	Texas Children's Hospital NJ Public Health and Environmental Laboratories	Texas Children's Microbiome Center Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Ruth Ann Luna, Jennifer K. Spinler, James Dunn, James Versalovic, Ila Singh 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_1446501 EPI_ISL_1446676	Texas Children's Hospital "NYSDOH Wadsworth Center, Virology Lab"	Texas Children's Microbiome Center Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Ruth Ann Luna, Jennifer K. Spinler, James Dunn, James Versalovic, Ila Singh 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_1446701	"PA Department of Health, Bureau of Laboratories"	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Mili Sheth, Sarah Nobles, Jasmine Padilla, Mark Burroughs, Shoshona Le, Katie Dillon, Peter Cook, Clinton R. Paden, Dhvani Batra, Krista Queen, Kristen Knipe, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee
EPI_ISL_1446761	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_1446807	"PA Department of Health, Bureau of Laboratories"	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Mili Sheth, Sarah Nobles, Jasmine Padilla, Mark Burroughs, Shoshona Le, Katie Dillon, Peter Cook, Clinton R. Paden, Dhvani Batra, Krista Queen, Kristen Knipe, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee
EPI_ISL_1446859	MD DOH Laboratories Administration	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_1446865	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_1446901	"NM Dept. Health, Scientific Laboratory Division "	Centers for Disease Control and Prevention Division of Viral	Mili Sheth, Sarah Nobles, Jasmine Padilla, Mark Burroughs, Shoshona Le, Katie Dillon, Peter Cook, Clinton R. Paden, Dhvani Batra, Krista Queen, Kristen

		Diseases, Pathogen Discovery	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_1446904	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_1446915	NC State Laboratory of Public Health	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Mili Sheth, Sarah Nobles, Jasmine Padilla, Mark Burroughs, Shoshona Le, Katie Dillon, Peter Cook, Clinton R. Paden, Dhvani Batra, Krista Queen, Kristen Knipe, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee
EPI_ISL_1447093, EPI_ISL_1447157	DOHMH Chelsea	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1448157, EPI_ISL_1448215, EPI_ISL_1448324	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Shah Mohamed Bakhash, Michelle Lin, Noah R. Baker, Sean Ellis, Saraswathi Sathees, Meeli-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_1448525	*PA Department of Health, Bureau of Laboratories*	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Yan Li, Anna Kelleher, Ying Tao, Jing Zhang, Brian Lynch, Krista Queen, Anna Uehara, Peter Cook, Han Jia Justin Ng, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_1457866, EPI_ISL_1457927, EPI_ISL_1458025, EPI_ISL_1458202, EPI_ISL_1458231, EPI_ISL_1458487, EPI_ISL_1458549, EPI_ISL_1458582, EPI_ISL_1458795, EPI_ISL_1459709, EPI_ISL_1459710, EPI_ISL_1459711, EPI_ISL_1459796, EPI_ISL_1459844, EPI_ISL_1460011, EPI_ISL_1460137, EPI_ISL_1460138, EPI_ISL_1460139, EPI_ISL_1460140, EPI_ISL_1460245, EPI_ISL_1460357, EPI_ISL_1460396, EPI_ISL_1460397, EPI_ISL_1460450, EPI_ISL_1460561, EPI_ISL_1460653, EPI_ISL_1460655, EPI_ISL_1460659			
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_1460803, EPI_ISL_1460852, EPI_ISL_1460903, EPI_ISL_1460939, EPI_ISL_1461001	Helix/Illumina	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, 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, Efrén Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Duncan MacCannell
EPI_ISL_1461290, EPI_ISL_1461291, EPI_ISL_1461301, EPI_ISL_1461304, EPI_ISL_1461308	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_1461354	NYC Pandemic Response Lab	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russell, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Catharine Prussing, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1461369	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_1461664, EPI_ISL_1461676, EPI_ISL_1461692	Virginia Division of Consolidated Laboratory Services	Virginia Division of Consolidated Laboratory Services	Virginia DCLS
EPI_ISL_1461830, EPI_ISL_1461981, EPI_ISL_1461999, EPI_ISL_1462004, EPI_ISL_1462070, EPI_ISL_1462131, EPI_ISL_1462254, EPI_ISL_1462297, EPI_ISL_1462374, EPI_ISL_1462381, EPI_ISL_1462501			
see above	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_1462515	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_1462517	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_1462523	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_1462671, EPI_ISL_1462958, EPI_ISL_1462997, EPI_ISL_1463036, EPI_ISL_1463037, EPI_ISL_1463195, EPI_ISL_1463359	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_1464683, EPI_ISL_1464710, EPI_ISL_1464735, EPI_ISL_1464756, EPI_ISL_1464794, EPI_ISL_1464818, EPI_ISL_1464823, EPI_ISL_1464857, EPI_ISL_1464862	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_1464904	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_1464948, EPI_ISL_1464953, EPI_ISL_1464976, EPI_ISL_1464987, EPI_ISL_1465055, EPI_ISL_1465072, EPI_ISL_1465075, EPI_ISL_1465097, EPI_ISL_1465104, EPI_ISL_1465136, EPI_ISL_1465155, EPI_ISL_1465158, EPI_ISL_1465200, EPI_ISL_1465218, EPI_ISL_1465304, EPI_ISL_1465309, EPI_ISL_1465311, EPI_ISL_1465330, EPI_ISL_1465403, EPI_ISL_1465408, EPI_ISL_1465431			
see above	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_1465616	ALBANY 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_1465617	GLENS FALLS HOSPITAL LABORATORY	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_1465618, EPI_ISL_1465624,	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,

EPI_ISL_1465628			Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1465634	ALBANY 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_1465642, EPI_ISL_1465647, EPI_ISL_1465653, EPI_ISL_1465724, EPI_ISL_1465728, EPI_ISL_1465731, EPI_ISL_1465741, EPI_ISL_1465744, EPI_ISL_1465750, EPI_ISL_1465751	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_1465834	NYC Pandemic Response Lab	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russell, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Catharine Prussing, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1469311	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_1469499, EPI_ISL_1469508, EPI_ISL_1469510, EPI_ISL_1469511, EPI_ISL_1469513, EPI_ISL_1469518, EPI_ISL_1469519, EPI_ISL_1469520, EPI_ISL_1469548	Nevada State Public Health Laboratory	Nevada State Public Health Laboratory	Andrew Gorzalski, Mark Pandori
EPI_ISL_1469865, EPI_ISL_1469866, EPI_ISL_1469914, EPI_ISL_1469925	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_1470574, EPI_ISL_1470633	The Jackson Laboratory	The Jackson Laboratory	Bergeron D, Renzette N, Adams M, Omerza G, Kelly K, Li L
EPI_ISL_1470786, EPI_ISL_1470965, EPI_ISL_1471039	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_1477168, EPI_ISL_1477191	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_1477216, EPI_ISL_1477228, EPI_ISL_1477243	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_1477261	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_1477268, EPI_ISL_1477270, EPI_ISL_1477271	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_1477273	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_1477288, EPI_ISL_1477292, EPI_ISL_1477308, EPI_ISL_1477337	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_1477370	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_1477371, EPI_ISL_1477373, EPI_ISL_1477377, EPI_ISL_1477380, EPI_ISL_1477382, EPI_ISL_1477385, EPI_ISL_1477388, EPI_ISL_1477413, EPI_ISL_1477433, EPI_ISL_1477446, EPI_ISL_1477489, EPI_ISL_1477520, EPI_ISL_1477547, EPI_ISL_1477594, EPI_ISL_1477639, EPI_ISL_1477657, EPI_ISL_1477669, EPI_ISL_1477672, EPI_ISL_1477674, EPI_ISL_1477686			
see above	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_1477687	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_1477688, EPI_ISL_1477691, EPI_ISL_1477702	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_1477705	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_1477708, EPI_ISL_1477712, EPI_ISL_1477733, EPI_ISL_1477747, EPI_ISL_1477758, EPI_ISL_1477779, EPI_ISL_1477804, EPI_ISL_1477809, EPI_ISL_1477828			
EPI_ISL_1477850	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_1477865, EPI_ISL_1477886, EPI_ISL_1477889, EPI_ISL_1477900, EPI_ISL_1477905	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_1477913	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_1477914	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_1477943	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_1477948	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_1477994	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_1478017	Contra Costa County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_1478029	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_1478097	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_1478125, EPI_ISL_1478131, EPI_ISL_1478139	Contra Costa County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_1478153, EPI_ISL_1478171	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_1479057, EPI_ISL_1479091	Mayo Clinic & Mayo Clinic Laboratories	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1479158	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_1479228, EPI_ISL_1479230, EPI_ISL_1479255, EPI_ISL_1479346, EPI_ISL_1479347, EPI_ISL_1479378	Helix/Illumina	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, 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_1479455, EPI_ISL_1479456, EPI_ISL_1479513, EPI_ISL_1479556,	Aegis Sciences Corporation	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, Cyndi Clark, Patrick Campbell, Rob Case, Vikramsinha Ghorpade, Holly

EPI_ISL_1479557, EPI_ISL_1479560, EPI_ISL_1479586, EPI_ISL_1479622, EPI_ISL_1479663			Houdeshell, Ola Kvalvaag, Dillon Nall, Ethan Sanders, Alec Vest, Shaun Westlund, Matthew Hardison, Clinton R. Paden, Duncan MacCannell
EPI_ISL_1479742, EPI_ISL_1479744, EPI_ISL_1479759	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_1479806, EPI_ISL_1479843, EPI_ISL_1479861, EPI_ISL_1479862, EPI_ISL_1479863, EPI_ISL_1479869	Aegis Sciences Corporation	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, 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_1479969	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_1481660, EPI_ISL_1481661, EPI_ISL_1481674, EPI_ISL_1481697, EPI_ISL_1481847, EPI_ISL_1481871, EPI_ISL_1482171, EPI_ISL_1482187	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_1482276	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_1482278, EPI_ISL_1482279, EPI_ISL_1482283, EPI_ISL_1482284	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_1482294	NYC Pandemic Response Lab	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russell, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Catharine Prussing, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1482300, EPI_ISL_1482311, EPI_ISL_1482314, EPI_ISL_1482329	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_1482402	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_1482512, EPI_ISL_1482529	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_1482642, EPI_ISL_1482646	DC Public Health Lab/ Dept. of Forensic Sciences	DC Public Health Lab/ Dept. of Forensic Sciences	Janis Doss, Scott Nguyen, Elizabeth Zelaya, Sarah Scott, Connie Maza, Monica Mann, Brittany Hamilton, David Payne, Jocelyn Hauser
EPI_ISL_1482654, EPI_ISL_1482676, EPI_ISL_1482678, EPI_ISL_1482704, EPI_ISL_1482740, EPI_ISL_1482745, EPI_ISL_1482764, EPI_ISL_1482826, EPI_ISL_1482852	MUSC Molecular Pathology Laboratory	MUSC Molecular Pathology Laboratory	Julie W. Hirschhorn, W. Bailey Glen Jr, Dariusz Pytel, Jaclyn Dunne, Kristen Maurer, Frederick S. Nolte
EPI_ISL_1483024, EPI_ISL_1483025	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_1483197	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin L. Young, Kelly F. Oakeson, Tara Gallagher
EPI_ISL_1483266, EPI_ISL_1483275, EPI_ISL_1483276, EPI_ISL_1483277	Nevada State Public Health Laboratory	Nevada State Public Health Laboratory	Andrew Gorzalski, Mark Pandori
EPI_ISL_1489710	NJDOH, Public Health and Environmental Laboratories	New Jersey Public Health and Environmental Laboratories (NJ PHEL)	Lindsey Bodnar, Shiv K. Verma, Dana Woell, Byeong Jeong
EPI_ISL_1490470, EPI_ISL_1490651, EPI_ISL_1490663	Montana Public Health Laboratory	Montana Public Health Laboratory	Joy Ritter, Michelle Mozer, Carrie Biskupiaki, Deborah Gibson
EPI_ISL_1491847	Aegis Sciences Corporation	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, 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_1491999	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_1493146, EPI_ISL_1493152, EPI_ISL_1493161, EPI_ISL_1493162, EPI_ISL_1493163, EPI_ISL_1493164	Nevada State Public Health Laboratory	Nevada State Public Health Laboratory	Andrew Gorzalski, Mark Pandori
EPI_ISL_1493182	MD PHL	MD PHL	Maryland Department of Health Laboratories Administration
EPI_ISL_1493406, EPI_ISL_1493415	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_1493472	NJDOH, Public Health and Environmental Laboratories	NJ_PHEL	Lindsey Bodnar, Shiv K. Verma, Dana Woell, Byeong Jeong
EPI_ISL_1494262, EPI_ISL_1494263, EPI_ISL_1494264, EPI_ISL_1494268, EPI_ISL_1494270, EPI_ISL_1494292, EPI_ISL_1494400	Illinois Department of Public Health	Gagnon Lab, Southern Illinois University	Keith Gagnon
EPI_ISL_1494560, EPI_ISL_1494561, EPI_ISL_1494562, EPI_ISL_1494563, EPI_ISL_1494564, EPI_ISL_1494565, EPI_ISL_1494566, EPI_ISL_1494567, EPI_ISL_1494585	Virginia Division of Consolidated Laboratory Services	Virginia Division of Consolidated Laboratory Services	Virginia DCLS
EPI_ISL_1494738	City of Milwaukee Health Department Laboratory	City of Milwaukee Health Department Laboratory	Sanjib Bhattacharyya
EPI_ISL_1497266	Department of Virology and Immunology, University of Helsinki and Helsinki University Hospital, Huslab Finland	Department of Virology, Faculty of Medicine, University of Helsinki, Helsinki, Finland	Teemu Smura, Ravi Kant, Phuoc Truong, Hussein Alburkat, Hannimari Kallio-Kokko, Jenni Virtanen, Maija Suvanto, Essi Korhonen, Sari Hannula, Harri Kangas, Hanna Liimatainen, Satu Kurkela, Hanna Jarva, Maija Lappalainen, Pekka Ellonen, Olli Vapalahti
EPI_ISL_1499365, EPI_ISL_1499367, EPI_ISL_1499372, EPI_ISL_1499378, EPI_ISL_1499380, EPI_ISL_1499382, EPI_ISL_1499387, EPI_ISL_1499389	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_1499407, EPI_ISL_1499415, EPI_ISL_1499423, EPI_ISL_1499426, EPI_ISL_1499427, EPI_ISL_1499435	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_1499437, EPI_ISL_1499438, EPI_ISL_1499440, EPI_ISL_1499446, EPI_ISL_1499449, EPI_ISL_1499451, EPI_ISL_1499452, EPI_ISL_1499454, EPI_ISL_1499455	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_1499457, EPI_ISL_1499463, EPI_ISL_1499466, EPI_ISL_1499467	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_1500249, EPI_ISL_1500307, EPI_ISL_1500343, EPI_ISL_1500347, EPI_ISL_1500360, EPI_ISL_1500367, EPI_ISL_1500368, EPI_ISL_1500382	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_1500472, EPI_ISL_1500474, EPI_ISL_1500480, EPI_ISL_1500488, EPI_ISL_1500509, EPI_ISL_1500514, EPI_ISL_1500523, EPI_ISL_1500535, EPI_ISL_1500536, EPI_ISL_1500538	Clinical Microbiology Laboratory, NewYork Presbyterian Hospital/Columbia University Irving Medical Center	Uhlemann Laboratory, Columbia University Irving Medical Center	Medini K. Annavajhala, Anne-Catrin Uhlemann, Hiroshi Mohri, David Ho	
EPI_ISL_1500640	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_1500644, EPI_ISL_1500647, EPI_ISL_1500671	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_1500674, EPI_ISL_1500700, EPI_ISL_1500701, EPI_ISL_1500755	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_1500767, EPI_ISL_1500797	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_1500826, EPI_ISL_1500828, EPI_ISL_1500882, EPI_ISL_1500885	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_1500915	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_1500916, EPI_ISL_1500920	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_1500921	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_1500937, EPI_ISL_1500942	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_1501836, EPI_ISL_1501911, EPI_ISL_1502000, EPI_ISL_1502018, EPI_ISL_1502023	Lurie Children's Hospital of Chicago	Northwestern University - Ozer Lab	Ramon Lorenzo-Redondo, Lacy M. Simons, Taylor J. Dean, Michael G. Ison, Xiaotian, Zheng, William J. Muller, Larry K. Kocielek, Judd F. Hultquist, Egon A. Ozer	
EPI_ISL_1502080	DC Public Health Lab/ Dept. of Forensic Sciences	DC Public Health Lab/ Dept. of Forensic Sciences	Janis Doss, Scott Nguyen, Elizabeth Zelaya, Sarah Scott, Connie Maza, Monica Mann, Brittany Hamilton, David Payne, Jocelyn Hauser	
EPI_ISL_1503272	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_1503426, EPI_ISL_1503436, EPI_ISL_1503443, EPI_ISL_1503444, EPI_ISL_1503447, EPI_ISL_1503450	Seattle Flu Study	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazer, Jover Lee, Benjamin Pelle, Erica Ryke, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Jay Shendure, Trevor Bedford, Helen Y. Chu	
EPI_ISL_1503463, EPI_ISL_1503501, EPI_ISL_1503503, EPI_ISL_1503569, EPI_ISL_1503756	Massachusetts State Public Health Laboratory	Massachusetts State Public Health Laboratory	Andrew Lang, Timelia Fink, Glen Gallagher, Sandra Smole	
EPI_ISL_1503922, EPI_ISL_1503926, EPI_ISL_1503928, EPI_ISL_1503929, EPI_ISL_1503931, EPI_ISL_1503932, EPI_ISL_1503933, EPI_ISL_1503938, EPI_ISL_1503939, EPI_ISL_1503947, EPI_ISL_1503971	see above	Grady Memorial Hospital, Clinical Microbiology Laboratory	Yun F (Wayne) Wang, Anne Piantadosi	
EPI_ISL_1503999, EPI_ISL_1504006	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_1506115	Pomona Valley Hospital Medical Center	Los Angeles County PHL	P. Hemarajata et al.	
EPI_ISL_1508938	USC Clinical Lab	Los Angeles County PHL	P. Hemarajata et al.	
EPI_ISL_1508980	Good Samaritan Hospital	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Department	
EPI_ISL_1509015, EPI_ISL_1509016, EPI_ISL_1509024, EPI_ISL_1509033, EPI_ISL_1509042, EPI_ISL_1509047, EPI_ISL_1509052, EPI_ISL_1509055, EPI_ISL_1509090, EPI_ISL_1509091	Department of Laboratory Medicine, Clinical Center, National Institutes of Health	Laboratory of Parasitic Diseases, Systems Genomics Section, National Institute of Allergy and Infectious Diseases, National Institutes of Health	Allison Roder, Stephanie Banakis, Matthew Chung, Jung-ho Youn, Rachel Mercado, Wei Wang, Tara Palmore, Michael Bell, Heike Bailin, Jessica McCormick-Ell, Sanchita Das, Jennifer Kwan, Elodie Ghedin	
EPI_ISL_1509116, EPI_ISL_1509206, EPI_ISL_1509211, EPI_ISL_1509212	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_1511153, EPI_ISL_1511180, EPI_ISL_1511191	DPHL	Delaware Public Health Lab	Rebecca Savage	
EPI_ISL_1511405, EPI_ISL_1511435, EPI_ISL_1511458, EPI_ISL_1511476, EPI_ISL_1511482, EPI_ISL_1511483, EPI_ISL_1511488, EPI_ISL_1511492, EPI_ISL_1511493, EPI_ISL_1511496, EPI_ISL_1511497, EPI_ISL_1511498, EPI_ISL_1511500, EPI_ISL_1511501, EPI_ISL_1511503, EPI_ISL_1511505, EPI_ISL_1511509, EPI_ISL_1511510, EPI_ISL_1511515, EPI_ISL_1511516, EPI_ISL_1511517, EPI_ISL_1511518, EPI_ISL_1511521, EPI_ISL_1511522, EPI_ISL_1511530, EPI_ISL_1511532, EPI_ISL_1511533, EPI_ISL_1511534, EPI_ISL_1511549, EPI_ISL_1511550, EPI_ISL_1511551, EPI_ISL_1511552, EPI_ISL_1511553, EPI_ISL_1511554, EPI_ISL_1511579, EPI_ISL_1511580, EPI_ISL_1511582, EPI_ISL_1511596, EPI_ISL_1511599	see above	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_1511657, EPI_ISL_1511698, EPI_ISL_1511823, EPI_ISL_1511843	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 Schmeier, 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_1511919, EPI_ISL_1511942, EPI_ISL_1511947, EPI_ISL_1512157, EPI_ISL_1512167, EPI_ISL_1512223, EPI_ISL_1512275, EPI_ISL_1512282, EPI_ISL_1512299, EPI_ISL_1512412, EPI_ISL_1512414, EPI_ISL_1512434, EPI_ISL_1512558, EPI_ISL_1512570, EPI_ISL_1512612, EPI_ISL_1512632	see above	Helix/Illumina	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, 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_1512783, EPI_ISL_1512802, EPI_ISL_1512806, EPI_ISL_1513025		Infinity Biologix	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, Christian Bixby, Yihe Wang, Jonathan Schultz, Chirayu Goswami, Russ Hager, Robin Grimwood, Clinton R. Paden, Duncan MacCannell
EPI_ISL_1513188, EPI_ISL_1513193, EPI_ISL_1513280, EPI_ISL_1513310, EPI_ISL_1513311, EPI_ISL_1513348, EPI_ISL_1513556, EPI_ISL_1513559, EPI_ISL_1513625		Aegis Sciences Corporation	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, 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_1513634, EPI_ISL_1513676, EPI_ISL_1513681, EPI_ISL_1513712, EPI_ISL_1513789, EPI_ISL_1514016, EPI_ISL_1514265, EPI_ISL_1514282, EPI_ISL_1514435, EPI_ISL_1514689, EPI_ISL_1514690, EPI_ISL_1514713, EPI_ISL_1514719, EPI_ISL_1514737, EPI_ISL_1514912, EPI_ISL_1515070, EPI_ISL_1515314, EPI_ISL_1515316, EPI_ISL_1515319, EPI_ISL_1515341, EPI_ISL_1515365, EPI_ISL_1515425, EPI_ISL_1515557, EPI_ISL_1515724	see above	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 Zwielfelhofer, Clinton R. Paden, Duncan MacCannell
EPI_ISL_1515893, EPI_ISL_1515904, EPI_ISL_1515909, EPI_ISL_1515910	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_1516276, EPI_ISL_1516280, EPI_ISL_1516281, EPI_ISL_1516289, EPI_ISL_1516295	PA Department of Health, Bureau of Laboratories	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Mili Sheth, Sarah Nobles, Jasmine Padilla, Mark Burroughs, Shoshona Le, Katie Dillon, Peter Cook, Clinton R. Paden, Dhvani Batra, Krista Queen, Kristen Knipe, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee
EPI_ISL_1516303	MN PHL Division, Minnesota Department of Health	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Mili Sheth, Sarah Nobles, Jasmine Padilla, Mark Burroughs, Shoshona Le, Katie Dillon, Peter Cook, Clinton R. Paden, Dhvani Batra, Krista Queen, Kristen Knipe, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee
EPI_ISL_1516311	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 Lacey, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee
EPI_ISL_1516339	MD DOH Laboratories Administration	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 Lacey, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee
EPI_ISL_1516457, EPI_ISL_1516475, EPI_ISL_1516511, EPI_ISL_1516551	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_1516765	LESP Jalisco	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_1516773	LESP Nuevo Leon	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_1516784	LESP Aguascalientes	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_1516792	LESP Coahuila	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_1516800, EPI_ISL_1516801, EPI_ISL_1516802, EPI_ISL_1516804	LESP Nuevo Leon	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_1516814	LESP Morelos	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_1522374	Curative	New Mexico Department of Health Scientific Laboratory	Ellie Johnson, Anastacia Griego-Fisher, D'eldra Malone, Jennifer Benoit, Linda Salazar, Ratheesh Rajan
EPI_ISL_1523499	Laboratoire de santé publique du Québec	Laboratoire de santé publique du Québec	Sandrine Moreira, Ioannis Ragoussis, Guillaume Bourque, Jesse Shapiro, Mark Lathrop and Michel Roger on behalf of the CoVSeQ research group (http://covseq.ca/researchgroup)
EPI_ISL_1525021, EPI_ISL_1525190, EPI_ISL_1525194, EPI_ISL_1525198	Aegis Sciences Corporation	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, 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_1525325, EPI_ISL_1525755	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_1526880	Virginia Division of Consolidated Laboratory Services	Virginia Division of Consolidated Laboratory Services	Virginia DCLS
EPI_ISL_1526918, EPI_ISL_1526934	UW Virology Lab	UW Virology Lab	Pavitra Rouchoudhury, 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_1527020	unknown	Incienza, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Pérez-Corrales C, Barboza-Arguedas E & Ramirez-Pacheco J
EPI_ISL_1527250, EPI_ISL_1527251	University of Mississippi Medical Center, Department of	University of Mississippi Medical Center, Molecular and	Ashley C. Johnson, Ithiel J. Frame, Krishna K. Ayyalasamayajula, Michael R. Garrett, D. Ashley Robinson

	Pathology	Genomics Core Facility	
EPI_ISL_1527449	GA Department of Public Health	GA Department of Public Health	Stacy Reeves, Jonathan Edwards, Cynthia Dixey, Tonia Parrott, Aliyah Fields, Taylor Smith
EPI_ISL_1528266	SD 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_1528277	VA-Division of Consolidated Laboratory Services	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_1528337	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, 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_1528340, EPI_ISL_1528341, EPI_ISL_1528346, EPI_ISL_1528348, EPI_ISL_1528349, EPI_ISL_1528355	"CO Dept. of Public Health and Environment, Lab Services 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, 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_1528382	"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, 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_1528442	DC Public Health Lab/ Dept. of Forensic Sciences	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_1528452, EPI_ISL_1528459	MD DOH Laboratories Administration	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_1528496	NH Dept. of Health and Human Services Public Health Labs	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_1528534	WVU Rapid Development Lab	WVU and Marshall University Combined Genomics Core Facilities	"James Denvir, Peter Stoilov, Peter Perrotta, Wesley Kimble, Ryan Percifield"
EPI_ISL_1529007	J.W. Ruby Memorial Hospital	WVU and Marshall University Combined Genomics Core Facilities	"James Denvir, Peter Stoilov, Peter Perrotta, Wesley Kimble, Ryan Percifield"
EPI_ISL_1529103	Contra Costa County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1529141, EPI_ISL_1529142	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1529273, EPI_ISL_1529295	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1530567	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_1530586	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_1530607	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_1530621	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_1530628	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_1530632, EPI_ISL_1530633, EPI_ISL_1530659	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_1530663	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_1530670	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_1530689, EPI_ISL_1530697	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_1530701, EPI_ISL_1530713, EPI_ISL_1530738	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_1530741, EPI_ISL_1530743	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_1530746, EPI_ISL_1530751	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_1530754, EPI_ISL_1530755, EPI_ISL_1530785	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_1530793	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_1530802, EPI_ISL_1530805	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_1530811, EPI_ISL_1530828, EPI_ISL_1530832	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_1530867, EPI_ISL_1530869, EPI_ISL_1530872	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_1530882, EPI_ISL_1530935, EPI_ISL_1530938	NJDOH, Public Health and Environmental Laboratories	New Jersey Public Health and Environmental Laboratories (NJPHL)	Lindsey Bodnar, Shiv K. Verma, Jacquelyn Deverell, Matthew Scarnati, Mohammad M Ali, Dana Woell, Byeong Jeong
EPI_ISL_1530986	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_1531223, EPI_ISL_1531246	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton

EPI_ISL_1531808, EPI_ISL_1531812, EPI_ISL_1531828, EPI_ISL_1531845, EPI_ISL_1531854, EPI_ISL_1531863, EPI_ISL_1531876, EPI_ISL_1531896, EPI_ISL_1531914, EPI_ISL_1531917, EPI_ISL_1531930			
see above	Centro de Diagnostico COVID-19 UABC Tijuana	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Idanya Rubi Serafin Higuera, Manuel Sanchez Alavez, Jorge Luis Jimenez Niebla, German Ibarra, Jonathan Vincent Baena, Oscar Efren Zazueta Fierro
EPI_ISL_1531954, EPI_ISL_1531963, EPI_ISL_1531995, EPI_ISL_1532001, EPI_ISL_1532017, EPI_ISL_1532052	San Diego County Public Health Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Tracy Basler, Jovan Shephard, Brett Austin
EPI_ISL_1532091, EPI_ISL_1532116	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Jim Milkenberger, 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_1532268	LESP Jalisco	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_1532330, EPI_ISL_1532338, EPI_ISL_1532340, EPI_ISL_1532420, EPI_ISL_1532426, EPI_ISL_1532428, EPI_ISL_1532449, EPI_ISL_1532463, EPI_ISL_1532482, EPI_ISL_1532534, EPI_ISL_1532553, EPI_ISL_1532568			
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, Efreim S. Lim
EPI_ISL_1532695	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Jim Milkenberger, 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_1533431	Kaiser Permanente Washington Health Research Institute	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Yan Li, Ying Tao, Anna Kelleher, Jing Zhang, Anna Montmayeur, Brian Lynch, Krista Queen, Anna Uehara, Peter Cook, Han Jia Justin Ng, Rachel Marine, Clinton R. Paden, Haibin Wang, Mark Burroughs, Justin Lee, Adam Retchless, Suxiang Tong
EPI_ISL_1533450, EPI_ISL_1533496	Atlanta VA Medical Center	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Yan Li, Ying Tao, Anna Kelleher, Jing Zhang, Anna Montmayeur, Brian Lynch, Krista Queen, Anna Uehara, Peter Cook, Han Jia Justin Ng, Rachel Marine, Clinton R. Paden, Haibin Wang, Mark Burroughs, Justin Lee, Adam Retchless, Suxiang Tong
EPI_ISL_1533569, EPI_ISL_1533575, EPI_ISL_1533577	Kaiser Permanente Washington Health Research Institute	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Yan Li, Ying Tao, Anna Kelleher, Jing Zhang, Anna Montmayeur, Brian Lynch, Krista Queen, Anna Uehara, Peter Cook, Han Jia Justin Ng, Rachel Marine, Clinton R. Paden, Haibin Wang, Mark Burroughs, Justin Lee, Adam Retchless, Suxiang Tong
EPI_ISL_1539246, EPI_ISL_1539269, EPI_ISL_1539554, EPI_ISL_1539581, EPI_ISL_1540131, EPI_ISL_1540132, EPI_ISL_1540202, EPI_ISL_1540204, EPI_ISL_1540211, EPI_ISL_1540212, EPI_ISL_1540213, EPI_ISL_1540214, EPI_ISL_1540259, EPI_ISL_1540263, EPI_ISL_1540264, EPI_ISL_1540271			
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_1540426, EPI_ISL_1540440	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Jim Milkenberger, 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_1540461, EPI_ISL_1540490	Virginia Division of Consolidated Laboratory Services	Virginia Division of Consolidated Laboratory Services	Virginia DCLS
EPI_ISL_1540994, EPI_ISL_1541205, EPI_ISL_1541206	Pathology and Laboratory Medicine Institute, Cleveland Clinic, Ohio, USA	Pathology and Laboratory Medicine Institute, Cleveland Clinic, Ohio, USA	Joy Naitandwe, Zheng Jin Tu, Jay Brock, Yu-Wei Cheng, Gary Procop, Daniel Rhoads, Daniel H. Farkas, David Bosler
EPI_ISL_1541245, EPI_ISL_1541258, EPI_ISL_1541402, EPI_ISL_1541420, EPI_ISL_1541425, EPI_ISL_1541456, EPI_ISL_1541499, EPI_ISL_1541507, EPI_ISL_1541508, EPI_ISL_1541525, EPI_ISL_1541527, EPI_ISL_1541528, EPI_ISL_1541552, EPI_ISL_1541558, EPI_ISL_1541560, EPI_ISL_1541563, EPI_ISL_1541564, EPI_ISL_1541572, EPI_ISL_1541595, EPI_ISL_1541638, EPI_ISL_1541644, EPI_ISL_1541664, EPI_ISL_1541682, EPI_ISL_1541683, EPI_ISL_1541704, EPI_ISL_1541706, EPI_ISL_1541710, EPI_ISL_1541712, EPI_ISL_1541713, EPI_ISL_1541727, EPI_ISL_1541756, EPI_ISL_1541766, EPI_ISL_1541767, EPI_ISL_1541779, EPI_ISL_1541780, EPI_ISL_1541787, EPI_ISL_1541789, EPI_ISL_1541803, EPI_ISL_1541804, EPI_ISL_1541807, EPI_ISL_1541808, EPI_ISL_1541813, EPI_ISL_1541832, EPI_ISL_1541850, EPI_ISL_1541857, EPI_ISL_1541867, EPI_ISL_1541873, EPI_ISL_1541884, EPI_ISL_1541893, EPI_ISL_1541894, EPI_ISL_1541908, EPI_ISL_1541916, EPI_ISL_1541928, EPI_ISL_1541929, EPI_ISL_1541935, EPI_ISL_1541937, EPI_ISL_1541944, EPI_ISL_1541946, EPI_ISL_1541957, EPI_ISL_1541962, EPI_ISL_1541978, EPI_ISL_1541984, EPI_ISL_1541986, EPI_ISL_1541993, EPI_ISL_1542000, EPI_ISL_1542002, EPI_ISL_1542005, EPI_ISL_1542007, EPI_ISL_1542011, EPI_ISL_1542012, EPI_ISL_1542024, EPI_ISL_1542028, EPI_ISL_1542037, EPI_ISL_1542041, EPI_ISL_1542042, EPI_ISL_1542046, EPI_ISL_1542048, EPI_ISL_1542060, EPI_ISL_1542067			
see above	OHSU Lab Services Molecular Microbiology Lab	Oregon SARS-CoV-2 Genome Sequencing Center	Brendan L. O'Connell, Sally Grindstaff, Kayla Carter, Sonia Acharya, Ruth V. Nichols, Alec J. Hirsch, Donna Hansel, Guang Fan, Xuan Qin, Daniel N. Streblow, William B. Messer, Andrew C. Adey, Benjamin N. Bimber, Brian J. O'Roak
EPI_ISL_1545281	Instituto Nacional de Investigación em Saúde	KRISP, KZN Research Innovation and Sequencing Platform	Morais J, Neto Z, Afonso P, Miranda J, David K, Inglês L, Pereira A, Paulo A Carralero RR Paixão JP, Freitas RH, Mufinda M, Lutucuta S, Giandhari J, Pillay S, Naidoo Y, Emmanuel SJ, Tegally H, Wilkinson E, de Oliveira T
EPI_ISL_1547956, EPI_ISL_1547960, EPI_ISL_1547965, EPI_ISL_1548015	Johns Hopkins Hospital Department of Pathology	Johns Hopkins Hospital Department of Pathology	C. Paul Morris, Chun Huai Luo, Adannaya Amadi, Matthew Schwartz, Heba H. Mostafa
EPI_ISL_437568	Scripps Medical Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Michael Quigley, Ellen Stefanski, Ian Mchardy
EPI_ISL_445118, EPI_ISL_450190	Rady's Childrens Hospital	Andersen lab at Scripps Research	SEARCH Alliance San Diego
EPI_ISL_467953	San Diego County Public Health Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Tracy Basler, Jovan Shephard, Brett Austin
EPI_ISL_467981	Rady's Childrens Hospital	Andersen lab at Scripps Research	SEARCH Alliance San Diego
EPI_ISL_483182, EPI_ISL_483202, EPI_ISL_483218, EPI_ISL_483221, EPI_ISL_483222, EPI_ISL_483228, EPI_ISL_483229, EPI_ISL_483231, EPI_ISL_483236, EPI_ISL_483246, EPI_ISL_483248, EPI_ISL_483250, EPI_ISL_483252, EPI_ISL_483253, EPI_ISL_483262, EPI_ISL_483265, EPI_ISL_483270, EPI_ISL_483273, EPI_ISL_483276, EPI_ISL_483277, EPI_ISL_483282, EPI_ISL_483285, EPI_ISL_483287, EPI_ISL_483288, EPI_ISL_483305, EPI_ISL_483328, EPI_ISL_483332, EPI_ISL_483334, EPI_ISL_483337, EPI_ISL_483338, EPI_ISL_483339, EPI_ISL_483346, EPI_ISL_483347, EPI_ISL_483479, EPI_ISL_483489, EPI_ISL_483493, EPI_ISL_483515, EPI_ISL_483527			
see above	UC San Diego Center for Advanced Laboratory Medicine	Andersen lab at Scripps Research	SEARCH Alliance San Diego with David Pride, Ji H Shin
EPI_ISL_486117	County of Santa Clara Public Health Department	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_494376, EPI_ISL_494388, EPI_ISL_494393, EPI_ISL_494399, EPI_ISL_494423, EPI_ISL_494432, EPI_ISL_494435, EPI_ISL_494443, EPI_ISL_494446, EPI_ISL_494454, EPI_ISL_494463, EPI_ISL_494470, EPI_ISL_494474, EPI_ISL_494475, EPI_ISL_494482, EPI_ISL_494483, EPI_ISL_494490, EPI_ISL_494491			
see above	San Diego County Public Health Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Tracy Basler, Jovan Shephard, Brett Austin
EPI_ISL_494509	Quest Diagnostics	Quest Diagnostics	Anderson,B.P., Rosenthal,S.H., Gerasimova,A., Kagan,R.M. and Owen, R.
EPI_ISL_494591, EPI_ISL_494593, EPI_ISL_494595, EPI_ISL_494625	San Diego County Public Health Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Tracy Basler, Jovan Shephard, Brett Austin
EPI_ISL_494635, EPI_ISL_494636, EPI_ISL_494637, EPI_ISL_494639, EPI_ISL_494643, EPI_ISL_494647, EPI_ISL_494651, EPI_ISL_494657, EPI_ISL_494660, EPI_ISL_494663, EPI_ISL_494664, EPI_ISL_494673, EPI_ISL_494682, EPI_ISL_494685, EPI_ISL_494686			
see above	Scripps Medical Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Michael Quigley, Ellen Stefanski, Ian Mchardy
EPI_ISL_494714, EPI_ISL_494745, EPI_ISL_494746	San Diego County Public Health Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Tracy Basler, Jovan Shephard, Brett Austin
EPI_ISL_496942	Washington State Department of Health	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcin, 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_509162, EPI_ISL_509164, EPI_ISL_509165, EPI_ISL_509181, EPI_ISL_509182, EPI_ISL_509214	OHSU Lab Services Molecular Microbiology Lab	Oregon SARS-CoV-2 Genome Sequencing Center	Brendan L. O'Connell, Ruth V. Nichols, Sally B. Grindstaff, Alec J. Hirsch, Guang Fan, Daniel N. Streblow, William B. Messer, Andrew C. Adey, Benjamin N. Bimber, Brian J. O'Roak
EPI_ISL_512142	Alaska State Virology Laboratory	Alaska State Virology Laboratory	Chen J et al with Pathogenomics group Dagdag R, Redlinger M, Milton E, George W, Kovalenko A, Drown DM, Bortz E

EPI_ISL_512161, EPI_ISL_512165, EPI_ISL_512167, EPI_ISL_512170, EPI_ISL_512172, EPI_ISL_512174, EPI_ISL_512175, EPI_ISL_512182, EPI_ISL_512183, EPI_ISL_512185, EPI_ISL_512189, EPI_ISL_512192, EPI_ISL_512193, EPI_ISL_512195, EPI_ISL_512198, EPI_ISL_512210, EPI_ISL_512215, EPI_ISL_512223, EPI_ISL_512225, EPI_ISL_512226, EPI_ISL_512271			
see above	San Diego County Public Health Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Tracy Basler, Jovan Shephard, Brett Austin
EPI_ISL_512651	Latvijas Infektoloijas centrs	Latvian Biomedical Research and Study Centre	Ivars Silamielis, Kaspars Megnis, Monta Ustinova, iikita Zrelavs, Vita Rovte, Jeena Storoženko, Tatjana Kolupajeva, Oksana Savicka, Uga Dumpis, Jnis Klovīš
EPI_ISL_513778, EPI_ISL_513779, EPI_ISL_513780, EPI_ISL_513782, EPI_ISL_513783, EPI_ISL_513784, EPI_ISL_513787	County of Santa Clara Public Health Department	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_513884, EPI_ISL_513885, EPI_ISL_513886, EPI_ISL_513888	UCSF Clinical Microbiology Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_515919, EPI_ISL_515924, EPI_ISL_515928	California Department of Public Health	California Department of Public Health	CDPH IDLB COVIDNet
EPI_ISL_516609, EPI_ISL_516612	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Ernesto Ramirez-Gonzalez, Abril Rodriguez-Maldonado, Claudia Wong-Arambula , Natividad Cruz-Ortiz, Tatiana Nunez-Garcia, Dayanira Arellano-Suarez, Adnan Araiza-Rodriguez, Fabiola Garces-Ayala, Lucia Hernandez-Rivas, Irma Lopez-Martinez, Gisela Barrera-Badillo.
EPI_ISL_516623	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Gisela Barrera-Badillo , Abril Rodriguez-Maldonado, Claudia Wong-Arambula , Natividad Cruz-Ortiz, Tatiana Nunez-Garcia, Dayanira Arellano-Suarez, Adnan Araiza-Rodriguez, Edgar Mendieta-Condado, Lucia Hernandez-Rivas, Irma Lopez-Martinez, Ernesto Ramirez-Gonzalez.
EPI_ISL_516723, EPI_ISL_516724, EPI_ISL_516725, EPI_ISL_516726, EPI_ISL_516730, EPI_ISL_516731, EPI_ISL_516732, EPI_ISL_516733, EPI_ISL_516734, EPI_ISL_516735, EPI_ISL_516736, EPI_ISL_516737, EPI_ISL_516738, EPI_ISL_516739, EPI_ISL_516740, EPI_ISL_516741, EPI_ISL_516742, EPI_ISL_516745, EPI_ISL_516746, EPI_ISL_516747			
see above	UCSF Clinical Microbiology Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_522405	Alaska State Virology Laboratory	Alaska State Virology Laboratory	Jack Chen, Ph.D.
EPI_ISL_522443, EPI_ISL_522447	Center for Laboratory Control of Infectious Diseases, Korea Centers for Diseases Control and Prevention	Center for Laboratory Control of Infectious Diseases, Korea Centers for Diseases Control and Prevention	Junyoung Kim, Ae Kyung Park, Eunkyung Shin, Jin Sun No, Jeong-Min Kim, Yoon-Seok Chung, Heui Man Kim, Myung Guk Han
EPI_ISL_522877	Instituto Nacional de Medicina Genómica	Instituto Nacional de Medicina Genómica	Hidalgo-Miranda A, Mendoza-Vargas A, Reyes-Grajeda JP, Cisneros-Villanueva M, Cedro-Tanda A, Hurtado-Cordova E, Peñaloza-Figueroa F, Herrera-Montalvo LA
EPI_ISL_522880, EPI_ISL_522940	Instituto Nacional de Medicina Genómica	Instituto Nacional de Medicina Genómica	Hidalgo-Miranda A, Mendoza-Vargas A, Reyes-Grajeda JP, Cisneros-Villanueva M, Cedro-Tanda A, Hurtado-Cordova E, Peñaloza-Figueroa F, Herrera-Montalvo LA
EPI_ISL_525804, EPI_ISL_525805	OHSU Lab Services Molecular Microbiology Lab	Oregon SARS-CoV-2 Genome Sequencing Center	Brendan L. O'Connell, Ruth V. Nichols, Alec J. Hirsch, Guang Fan, Daniel N. Streblow, William B. Messer, Andrew C. Adey, Benjamin N. Bimber, Brian J. O'Roak
EPI_ISL_525877	OHSU Lab Services Molecular Microbiology Lab	Ginkgo Bioworks Clinical Laboratory	Brendan L. O'Connell, Ruth V. Nichols, Alec J. Hirsch, Guang Fan, Daniel N. Streblow, Malaika Mckenzie-Bennett, James McGann, Jim Griffin, Keith Robison, Alex Plocik, Becky Schilling, Rebecca Littlefield, Michelle Spencer, Birgitte Simen, William B. Messer, Andrew C. Adey, Benjamin N. Bimber, Brian J. O'Roak
EPI_ISL_525952, EPI_ISL_525953, EPI_ISL_525972, EPI_ISL_525974, EPI_ISL_525991, EPI_ISL_526000, EPI_ISL_526026, EPI_ISL_526028, EPI_ISL_526029, EPI_ISL_526112	OHSU Lab Services Molecular Microbiology Lab	Oregon SARS-CoV-2 Genome Sequencing Center	Brendan L. O'Connell, Ruth V. Nichols, Alec J. Hirsch, Guang Fan, Daniel N. Streblow, William B. Messer, Andrew C. Adey, Benjamin N. Bimber, Brian J. O'Roak
EPI_ISL_528149	University Hospital Basel, Clinical Virology	University Hospital Basel, Clinical Bacteriology	Madlen Stange, Alfredo Mari, Tim Roloff, Helena MB Seth-Smith, Michael Schweitzer, Myrta Brunner, Karoline Leuzinger, Kirstine K. Soegaard, Alexander Gensch, Sarah Tschudin-Sutter, Simon Fuchs, Julia Bielicki, Hans Pargger, Martin Siegemund, Christian Nickel, Roland Bingisser, Michael Osthoff, Stefano Bassetti, Rita Schneider-Sliwa, Manuel Battegay, Hans Hirsch, Adrian Egli
EPI_ISL_529153	Department of Immunology, The Scripps Research Institute	Andersen lab at Scripps Research	Quigley, M., Stefanski, E., Mchardy, I. with SEARCH Alliance San Diego
EPI_ISL_529837	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_530129	Seattle Flu Study	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, 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_530169	Hennepin County Medical Center	Minnesota Department of Health, Public Health Laboratory	Matt Plumb, Jacob Garfin, and Xiong Wang
EPI_ISL_535364	Oklahoma Animal Disease Diagnostic Laboratory	Oklahoma Animal Disease Diagnostic Laboratory	Sai Narayanan, John C Ritchey, Girish Patil, Teluguakula Narasaraju, Sunil More, Jerry Malayer, Jeremiah Saliki, Anil Kaul, Akhilesh Ramachandran
EPI_ISL_535672, EPI_ISL_535674, EPI_ISL_535679, EPI_ISL_535682, EPI_ISL_535683, EPI_ISL_535685, EPI_ISL_535687, EPI_ISL_535695, EPI_ISL_535696, EPI_ISL_535697, EPI_ISL_535698, EPI_ISL_535699, EPI_ISL_535700			
see above	CDPH, Microbial Diseases Laboratory	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Yan Li, Jing Zhang, Ying Tao, Krista Queen, Brian Lynch, Anna Uehara, Clinton R. Paden, Rachel Marine, Haibin Wang, Suxiang Tong
EPI_ISL_535701	CDPH, Microbial Diseases Laboratory	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Brian Lynch, Yan Li, Jing Zhang, Ying Tao, Krista Queen, Anna Uehara, Clinton R. Paden, Rachel Marine, Haibin Wang, Suxiang Tong
EPI_ISL_535702	CDPH, Microbial Diseases Laboratory	Pathogen Discovery, Respiratory Viruses Branch, Division of Virat Diseases, Centers for Disease Control and Prevention	Yan Li, Jing Zhang, Ying Tao, Krista Queen, Brian Lynch, Anna Uehara, Clinton R. Paden, Rachel Marine, Haibin Wang, Suxiang Tong
EPI_ISL_535703	CDPH, Microbial Diseases Laboratory	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Krista Queen, Anna Uehara, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_535705	CDPH, Microbial Diseases Laboratory	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Yan Li, Jing Zhang, Ying Tao, Krista Queen, Brian Lynch, Anna Uehara, Clinton R. Paden, Rachel Marine, Haibin Wang, Suxiang Tong
EPI_ISL_535706	CDPH, Microbial Diseases Laboratory	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Krista Queen, Anna Uehara, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_537554, EPI_ISL_537560	UCLA Pathology Clinical Microbiology Lab	Kruglyak Lab	Guo et al.
EPI_ISL_541973	Texas Department of State Health Services	Texas Department of State Health Services	Rashmi Tuladhar, Bonnie Oh, Jenny Zhang, Maliha Rahman, Anita Pokharel, Myong Koag, Chun Wang, Rachel Lee, Grace Kubin
EPI_ISL_542095	New Mexico Department of Health Scientific Laboratory	New Mexico Department of Health Scientific Laboratory	Ellie Johnson, Anastacia Griego-Fisher, D'Eldra Malone
EPI_ISL_542469, EPI_ISL_542470	Texas Department of State Health Services	Texas Department of State Health Services	Rashmi Tuladhar, Bonnie Oh, Jenny Zhang, Maliha Rahman, Anita Pokharel, Myong Koag, Chun Wang, Rachel Lee, Grace Kubin
EPI_ISL_547740	Gundersen Molecular Diagnostics Laboratory	Kabara Cancer Research Institute	Craig S. Richmond, Paraic A. Kenny
EPI_ISL_548266	County of Santa Clara Public Health Department	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_548281, EPI_ISL_548286	County of San Luis Obispo Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cllahub Consortium
EPI_ISL_548303	County of Santa Clara Public Health Department	Chan-Zuckerberg Biohub	CZB Cllahub Consortium

EPI_ISL_548304	County of San Luis Obispo Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_548310, EPI_ISL_548324	County of Santa Clara Public Health Department	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_548325	County of San Luis Obispo Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_548333, EPI_ISL_548337, EPI_ISL_548338, EPI_ISL_548339, EPI_ISL_548340, EPI_ISL_548341, EPI_ISL_548342, EPI_ISL_548343, EPI_ISL_548344	County of Santa Clara Public Health Department	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_548363	Tuolumne County Public Health	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_548382	University of California, Davis	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_548384, EPI_ISL_548396	County of Santa Clara Public Health Department	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_548398, EPI_ISL_548402	Ventura County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_548403, EPI_ISL_548417, EPI_ISL_548420	County of Santa Clara Public Health Department	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_548428	County of San Luis Obispo Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_548430	Ventura County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_548434	County of Santa Clara Public Health Department	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_548455	Ventura County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_548470, EPI_ISL_548478, EPI_ISL_548482	County of Santa Clara Public Health Department	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_548483	Ventura County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_548511, EPI_ISL_548514	County of Santa Clara Public Health Department	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_548520	Contra Costa Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_548529	County of Santa Clara Public Health Department	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_548537, EPI_ISL_548539	Contra Costa Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_548543	County of Santa Clara Public Health Department	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_548549	Contra Costa Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_548551, EPI_ISL_548553	County of Santa Clara Public Health Department	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_548556	Contra Costa Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_548563	County of Santa Clara Public Health Department	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_548567	Contra Costa Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_548570	County of Santa Clara Public Health Department	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_548571	UCSF Clinical Microbiology Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_548572, EPI_ISL_548574	Contra Costa Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_548576, EPI_ISL_548578, EPI_ISL_548584, EPI_ISL_548588, EPI_ISL_548593, EPI_ISL_548595, EPI_ISL_548597	County of Santa Clara Public Health Department	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_548599	Tuolumne County Public Health	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_548607, EPI_ISL_548610, EPI_ISL_548612, EPI_ISL_548617, EPI_ISL_548618, EPI_ISL_548619, EPI_ISL_548621, EPI_ISL_548622, EPI_ISL_548624, EPI_ISL_548629, EPI_ISL_548630, EPI_ISL_548633, EPI_ISL_548636, EPI_ISL_548639, EPI_ISL_548643, EPI_ISL_548645, EPI_ISL_548647, EPI_ISL_548649, EPI_ISL_548650, EPI_ISL_548652, EPI_ISL_548655, EPI_ISL_548656, EPI_ISL_548658, EPI_ISL_548664, EPI_ISL_548669, EPI_ISL_548670, EPI_ISL_548672, EPI_ISL_548676, EPI_ISL_548678, EPI_ISL_548679			
see above	County of Santa Clara Public Health Department	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_551912	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_569626, EPI_ISL_569629, EPI_ISL_569642, EPI_ISL_569643, EPI_ISL_569663	New Mexico Department of Health Scientific Laboratory	New Mexico Department of Health Scientific Laboratory	Ellie Johnson, Anastacia Griego-Fisher, D'Eldra Malone
EPI_ISL_569702, EPI_ISL_569706, EPI_ISL_569708, EPI_ISL_569712, EPI_ISL_569727	Texas Department of State Health Services	Texas Department of State Health Services	Rashmi Tuladhar, Bonnie Oh, Jenny Zhang, Maliha Rahman, Anita Pokharel, Myong Koag, Chun Wang, Rachel Lee, Grace Kubin
EPI_ISL_569897, EPI_ISL_569912, EPI_ISL_569914	Innovative Genomics Institute, UC Berkeley	Innovative Genomics Institute, UC Berkeley	Stacia Wyman, Haridha Shivram, Phil Frankino, Liana Lareau, Shana McDevitt, Justin Choi
EPI_ISL_570480, EPI_ISL_570563, EPI_ISL_570571, EPI_ISL_570594, EPI_ISL_570636, EPI_ISL_570643, EPI_ISL_570704, EPI_ISL_570715, EPI_ISL_570723, EPI_ISL_570742, EPI_ISL_570752, EPI_ISL_570761, EPI_ISL_570803, EPI_ISL_570835, EPI_ISL_570918, EPI_ISL_570982			
see above	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Amin Addetia, Victoria M Rachleff, Meei-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_574264	New Mexico Department of Health Scientific Laboratory	New Mexico Department of Health Scientific Laboratory	Ellie Johnson, Anastacia Griego-Fisher, D'Eldra Malone
EPI_ISL_574653, EPI_ISL_574655, EPI_ISL_574658, EPI_ISL_574659, EPI_ISL_574661	Seattle Flu Study	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazer, Jover Lee, Benjamin Pelle, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, 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_576264	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Ernesto Ramirez-Gonzalez, Abril Rodriguez-Maldonado, Claudia Wong-Arambula , Natividad Cruz-Ortiz, Tatiana Nunez-Garcia, Dayanira Arellano-Suarez, Adnan Araiza-Rodriguez, Edgar Mendieta-Condado, Lucia Hernandez-Rivas, Irma Lopez-Martinez, Gisela Barrera-Badillo.
EPI_ISL_576273	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Ernesto Ramirez-Gonzalez, Abril Rodriguez-Maldonado, Claudia Wong-Arambula , Natividad Cruz-Ortiz, Tatiana Nunez-Garcia, Dayanira Arellano-Suarez, Adnan Araiza-Rodriguez, Fabiola Garces-Ayala, Lucia Hernandez-Rivas, Irma Lopez-Martinez, Gisela Barrera-Badillo.
EPI_ISL_576274	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Gisela Barrera-Badillo , Abril Rodriguez-Maldonado, Claudia Wong-Arambula , Natividad Cruz-Ortiz, Tatiana Nunez-Garcia, Dayanira Arellano-Suarez, Adnan Araiza-Rodriguez, Edgar Mendieta-Condado, Lucia Hernandez-Rivas, Irma Lopez-Martinez, Ernesto Ramirez-Gonzalez.
EPI_ISL_576411, EPI_ISL_576414, EPI_ISL_576418, EPI_ISL_576444,	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Amin Addetia, Victoria M Rachleff, Meei-Li Huang, Keith R Jerome, Alexander Greninger

EPI_ISL_576450, EPI_ISL_576452, EPI_ISL_576464, EPI_ISL_576467, EPI_ISL_576468, EPI_ISL_576475			
EPI_ISL_576533	Innovative Genomics Institute, UC Berkeley	Innovative Genomics Institute, UC Berkeley	Stacia Wyman, Haridha Shivram, Phil Frankino, Liana Lareau, Shana McDevitt, Justin Choi
EPI_ISL_582228	Wyoming Public Health Laboratory	Center for Global Health, University of New Mexico Health Sciences Center	Daryl Domman, Kurt Schwalm, Rob Christensen, Wanda Manley, Cari Sioma, Noah Hull, Darrell Dinwiddle
EPI_ISL_582851, EPI_ISL_582852, EPI_ISL_582853, EPI_ISL_582854, EPI_ISL_582855, EPI_ISL_582856, EPI_ISL_582857, EPI_ISL_582858, EPI_ISL_582859, EPI_ISL_582860, EPI_ISL_582861, EPI_ISL_582862, EPI_ISL_582863, EPI_ISL_582864, EPI_ISL_582865, EPI_ISL_582866, EPI_ISL_582867, EPI_ISL_582868, EPI_ISL_582869, EPI_ISL_582870, EPI_ISL_582871, EPI_ISL_582872, EPI_ISL_582873, EPI_ISL_582874, EPI_ISL_582875, EPI_ISL_582876, EPI_ISL_582877, EPI_ISL_582878, EPI_ISL_582879, EPI_ISL_582880, EPI_ISL_582881, EPI_ISL_582882, EPI_ISL_582883, EPI_ISL_582884, EPI_ISL_582885, EPI_ISL_582886, EPI_ISL_582892, EPI_ISL_582897, EPI_ISL_582901, EPI_ISL_582930, EPI_ISL_582931, EPI_ISL_582932, EPI_ISL_582933, EPI_ISL_582934, EPI_ISL_582938, EPI_ISL_582948, EPI_ISL_582951			
see above	County of Santa Clara Public Health Department	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_583085, EPI_ISL_583090, EPI_ISL_583093, EPI_ISL_583098, EPI_ISL_583102, EPI_ISL_583103, EPI_ISL_583104, EPI_ISL_583105, EPI_ISL_583106, EPI_ISL_583107, EPI_ISL_583108, EPI_ISL_583109, EPI_ISL_583110, EPI_ISL_583111, EPI_ISL_583117, EPI_ISL_583118, EPI_ISL_583119, EPI_ISL_583120, EPI_ISL_583127, EPI_ISL_583128, EPI_ISL_583129, EPI_ISL_583130, EPI_ISL_583132, EPI_ISL_583134, EPI_ISL_583135, EPI_ISL_583136, EPI_ISL_583137, EPI_ISL_583138, EPI_ISL_583139, EPI_ISL_583140, EPI_ISL_583142, EPI_ISL_583143, EPI_ISL_583144, EPI_ISL_583145, EPI_ISL_583147, EPI_ISL_583148, EPI_ISL_583149, EPI_ISL_583150, EPI_ISL_583151, EPI_ISL_583152, EPI_ISL_583153, EPI_ISL_583154, EPI_ISL_583156, EPI_ISL_583157, EPI_ISL_583158, EPI_ISL_583159, EPI_ISL_583160, EPI_ISL_583161, EPI_ISL_583162, EPI_ISL_583164, EPI_ISL_583165, EPI_ISL_583166, EPI_ISL_583167, EPI_ISL_583168, EPI_ISL_583169, EPI_ISL_583170			
see above	Humboldt County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_583171, EPI_ISL_583172	Tulare County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_583191	San Francisco Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_583202, EPI_ISL_583203, EPI_ISL_583220, EPI_ISL_583225	UCSF Clinical Microbiology Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_583263, EPI_ISL_583273, EPI_ISL_583360, EPI_ISL_583378	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_583506	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_586260	Alaska State Virology Laboratory	Alaska State Virology Laboratory	Jack Chen, Ph.D.
EPI_ISL_590866, EPI_ISL_590869	Texas Department of State Health Services	Texas Department of State Health Services	Rashmi Tuladhar, Bonnie Oh, Jenny Zhang, Maliha Rahman, Anita Pokharel, Myong Koag, Chung Wang, Rachel Lee, Grace Kubin, Mayela Pedrueza
EPI_ISL_591033	MD PHL	MD PHL	Maryland Department of Health Laboratories Administration
EPI_ISL_593588	Texas Department of State Health Services	Texas Department of State Health Services	Rashmi Tuladhar, Bonnie Oh, Jenny Zhang, Maliha Rahman, Anita Pokharel, Myong Koag, Chung Wang, Rachel Lee, Grace Kubin, Mayela Pedrueza
EPI_ISL_593704	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_596408, EPI_ISL_596421, EPI_ISL_596437	Seattle Flu Study	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, 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_596576, EPI_ISL_596585	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_603254	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Meei-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_605202, EPI_ISL_605237, EPI_ISL_605277, EPI_ISL_605313, EPI_ISL_605341	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin L. Young, Kelly Oakeson, Tara Gallagher, Michael T. Pyne, E. Susan Slechta, Melanie A. Mallory, Jeffrey B. Stevenson, Salika M. Shakir, David R. Hillyard
EPI_ISL_605502, EPI_ISL_605503	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_613756, EPI_ISL_613843	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton
EPI_ISL_614015, EPI_ISL_614085	Virginia DCLS	Virginia DCLS	Virginia DCLS
EPI_ISL_614162, EPI_ISL_614163, EPI_ISL_614165, EPI_ISL_614169, EPI_ISL_614170, EPI_ISL_614173, EPI_ISL_614177, EPI_ISL_614222, EPI_ISL_614240	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_625479, EPI_ISL_625480, EPI_ISL_625481, EPI_ISL_625482, EPI_ISL_625499	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_625522, EPI_ISL_625523, EPI_ISL_625524, EPI_ISL_625525, EPI_ISL_625526, EPI_ISL_625527, EPI_ISL_625528, EPI_ISL_625529, EPI_ISL_625530, EPI_ISL_625531, EPI_ISL_625532, EPI_ISL_625533, EPI_ISL_625534, EPI_ISL_625535, EPI_ISL_625536, EPI_ISL_625537, EPI_ISL_625538, EPI_ISL_625539, EPI_ISL_625540, EPI_ISL_625541, EPI_ISL_625542, EPI_ISL_625544			
see above	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_625563, EPI_ISL_625564, EPI_ISL_625565, EPI_ISL_625566, EPI_ISL_625572, EPI_ISL_625577, EPI_ISL_625582, EPI_ISL_625587, EPI_ISL_625591	NaN	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_625608	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_625612, EPI_ISL_625613, EPI_ISL_625615, EPI_ISL_625619, EPI_ISL_625620	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_625666	UCSF Clinical Microbiology Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_628932, EPI_ISL_628950	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin Young, Kelly Oakeson
EPI_ISL_632983	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_632996	DOHMH Crown Heights	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_633009	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_633049, EPI_ISL_633082	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_635300, EPI_ISL_635305, EPI_ISL_635309, EPI_ISL_635311, EPI_ISL_635312, EPI_ISL_635317, EPI_ISL_635318, EPI_ISL_635320, EPI_ISL_635321, EPI_ISL_635322, EPI_ISL_635323, EPI_ISL_635324, EPI_ISL_635325, EPI_ISL_635326, EPI_ISL_635327, EPI_ISL_635328, EPI_ISL_635329, EPI_ISL_635330,			

EPI_ISL_635331, EPI_ISL_635336, EPI_ISL_635338, EPI_ISL_635339, EPI_ISL_635375, EPI_ISL_635384, EPI_ISL_635399, EPI_ISL_635406, EPI_ISL_635407, EPI_ISL_635426, EPI_ISL_635440, EPI_ISL_635442, EPI_ISL_635477				
see above	San Diego County Public Health Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Tracy Basler, Jovan Shephard, Brett Austin	
EPI_ISL_635495, EPI_ISL_635498, EPI_ISL_635500, EPI_ISL_635512, EPI_ISL_635514, EPI_ISL_635518, EPI_ISL_635525, EPI_ISL_635526, EPI_ISL_635528, EPI_ISL_635530, EPI_ISL_635531, EPI_ISL_635537, EPI_ISL_635550, EPI_ISL_635552, EPI_ISL_635557, EPI_ISL_635559, EPI_ISL_635561, EPI_ISL_635563, EPI_ISL_635570, EPI_ISL_635571				
see above	Centro de Diagnostico COVID-19 UABC Tijuana	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Idanya Rubí Serafín Higuera, Manuel Sánchez Alavez, Jorge Luis Jiménez Niebla, Germán Ibarra, Jonathan Vincent Baena, Oscar Efrén Zazueta Fierro	
EPI_ISL_635632, EPI_ISL_635633, EPI_ISL_635638, EPI_ISL_635644, EPI_ISL_635655, EPI_ISL_635656, EPI_ISL_635657, EPI_ISL_635659, EPI_ISL_635660, EPI_ISL_635663, EPI_ISL_635666, EPI_ISL_635669, EPI_ISL_635675, EPI_ISL_635678, EPI_ISL_635681, EPI_ISL_635694, EPI_ISL_635732, EPI_ISL_635741, EPI_ISL_635744, EPI_ISL_635746, EPI_ISL_635749, EPI_ISL_635750, EPI_ISL_635751, EPI_ISL_635752, EPI_ISL_635753, EPI_ISL_635754, EPI_ISL_635755, EPI_ISL_635756, EPI_ISL_635757, EPI_ISL_635758, EPI_ISL_635759, EPI_ISL_635760, EPI_ISL_635763, EPI_ISL_635764, EPI_ISL_635765, EPI_ISL_635766, EPI_ISL_635767, EPI_ISL_635768, EPI_ISL_635769, EPI_ISL_635770, EPI_ISL_635771, EPI_ISL_635772, EPI_ISL_635773, EPI_ISL_635774, EPI_ISL_635775, EPI_ISL_635776, EPI_ISL_635777, EPI_ISL_635778, EPI_ISL_635779, EPI_ISL_635780, EPI_ISL_635781, EPI_ISL_635782, EPI_ISL_635783, EPI_ISL_635784, EPI_ISL_635785, EPI_ISL_635786, EPI_ISL_635787, EPI_ISL_635788, EPI_ISL_635789, EPI_ISL_635790, EPI_ISL_635791, EPI_ISL_635792, EPI_ISL_635793, EPI_ISL_635794, EPI_ISL_635796, EPI_ISL_635797, EPI_ISL_635798, EPI_ISL_635799, EPI_ISL_635800, EPI_ISL_635801, EPI_ISL_635802, EPI_ISL_635803, EPI_ISL_635804, EPI_ISL_635805, EPI_ISL_635806, EPI_ISL_635807, EPI_ISL_635808, EPI_ISL_635809, EPI_ISL_635810, EPI_ISL_635811, EPI_ISL_635812, EPI_ISL_635813, EPI_ISL_635814, EPI_ISL_635815, EPI_ISL_635816, EPI_ISL_635817, EPI_ISL_635818, EPI_ISL_635819, EPI_ISL_635820, EPI_ISL_635821, EPI_ISL_635822, EPI_ISL_635823, EPI_ISL_635824, EPI_ISL_635825, EPI_ISL_635826, EPI_ISL_635827, EPI_ISL_635828, EPI_ISL_635829, EPI_ISL_635830, EPI_ISL_635831, EPI_ISL_635832, EPI_ISL_635833, EPI_ISL_635834, EPI_ISL_635835, EPI_ISL_635836, EPI_ISL_635837, EPI_ISL_635838, EPI_ISL_635839, EPI_ISL_635840, EPI_ISL_635841, EPI_ISL_635842, EPI_ISL_635843, EPI_ISL_635844, EPI_ISL_635845, EPI_ISL_635846, EPI_ISL_635847, EPI_ISL_635848, EPI_ISL_635849, EPI_ISL_635850, EPI_ISL_635851, EPI_ISL_635852, EPI_ISL_635853, EPI_ISL_635854, EPI_ISL_635855, EPI_ISL_635856, EPI_ISL_635857, EPI_ISL_635858, EPI_ISL_635859, EPI_ISL_635860, EPI_ISL_635861, EPI_ISL_635862, EPI_ISL_635863, EPI_ISL_635864, EPI_ISL_635865, EPI_ISL_635866, EPI_ISL_635867, EPI_ISL_635868, EPI_ISL_635869, EPI_ISL_635870, EPI_ISL_635871, EPI_ISL_635872, EPI_ISL_635873, EPI_ISL_635874, EPI_ISL_635875, EPI_ISL_635876, EPI_ISL_635877, EPI_ISL_635878, EPI_ISL_635879, EPI_ISL_635880, EPI_ISL_635881, EPI_ISL_635882, EPI_ISL_635883, EPI_ISL_635884, EPI_ISL_635885, EPI_ISL_635886, EPI_ISL_635887, EPI_ISL_635888, EPI_ISL_635889, EPI_ISL_635890, EPI_ISL_635891, EPI_ISL_635892, EPI_ISL_635893, EPI_ISL_635894, EPI_ISL_635895, EPI_ISL_635896, EPI_ISL_635897, EPI_ISL_635898, EPI_ISL_635899, EPI_ISL_635900, EPI_ISL_635901, EPI_ISL_635902, EPI_ISL_635903, EPI_ISL_635904, EPI_ISL_635905, EPI_ISL_635906, EPI_ISL_635907, EPI_ISL_635908, EPI_ISL_635909, EPI_ISL_635910, EPI_ISL_635911, EPI_ISL_635912, EPI_ISL_635913, EPI_ISL_635914, EPI_ISL_635915, EPI_ISL_635916, EPI_ISL_635917, EPI_ISL_635918, EPI_ISL_635919, EPI_ISL_635920, EPI_ISL_635921, EPI_ISL_635922, EPI_ISL_635923, EPI_ISL_635924, EPI_ISL_635925, EPI_ISL_635926, EPI_ISL_635927, EPI_ISL_635928, EPI_ISL_635929, EPI_ISL_635930, EPI_ISL_635931, EPI_ISL_635932, EPI_ISL_635933, EPI_ISL_635934, EPI_ISL_635935, EPI_ISL_635936, EPI_ISL_635937, EPI_ISL_635938, EPI_ISL_635939, EPI_ISL_635940, EPI_ISL_635941, EPI_ISL_635942, EPI_ISL_635943, EPI_ISL_635944, EPI_ISL_635945, EPI_ISL_635946, EPI_ISL_635947, EPI_ISL_635948, EPI_ISL_635949, EPI_ISL_635950, EPI_ISL_635951, EPI_ISL_635952, EPI_ISL_635953, EPI_ISL_635954, EPI_ISL_635955, EPI_ISL_635956, EPI_ISL_635957, EPI_ISL_635958, EPI_ISL_635959, EPI_ISL_635960, EPI_ISL_635961, EPI_ISL_635962, EPI_ISL_635963, EPI_ISL_635964, EPI_ISL_635965, EPI_ISL_635966, EPI_ISL_635967, EPI_ISL_635968, EPI_ISL_635969, EPI_ISL_635970, EPI_ISL_635971, EPI_ISL_635972, EPI_ISL_635973, EPI_ISL_635974, EPI_ISL_635975, EPI_ISL_635976, EPI_ISL_635977, EPI_ISL_635978, EPI_ISL_635979, EPI_ISL_635980, EPI_ISL_635981, EPI_ISL_635982, EPI_ISL_635985, EPI_ISL_636001, EPI_ISL_636005, EPI_ISL_636006, EPI_ISL_636011, EPI_ISL_636012, EPI_ISL_636014, EPI_ISL_636016, EPI_ISL_636017, EPI_ISL_636042, EPI_ISL_636044, EPI_ISL_636047, EPI_ISL_636050, EPI_ISL_636063, EPI_ISL_636072, EPI_ISL_636073, EPI_ISL_636079, EPI_ISL_636090, EPI_ISL_636105, EPI_ISL_636106	see above	San Diego County Public Health Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Tracy Basler, Jovan Shephard, Brett Austin
EPI_ISL_636116, EPI_ISL_636117		Sharp HealthCare Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Aaron Harding, Jacquelyn Berumen, Cathy Woerle, Liam McGinnis
EPI_ISL_636122, EPI_ISL_636123, EPI_ISL_636128, EPI_ISL_636130, EPI_ISL_636140, EPI_ISL_636143, EPI_ISL_636146, EPI_ISL_636147, EPI_ISL_636148, EPI_ISL_636151, EPI_ISL_636153, EPI_ISL_636157, EPI_ISL_636175, EPI_ISL_636179, EPI_ISL_636180, EPI_ISL_636181, EPI_ISL_636187, EPI_ISL_636197, EPI_ISL_636205, EPI_ISL_636219, EPI_ISL_636220, EPI_ISL_636230, EPI_ISL_636232, EPI_ISL_636233, EPI_ISL_636239, EPI_ISL_636246, EPI_ISL_636247, EPI_ISL_636252, EPI_ISL_636253, EPI_ISL_636261, EPI_ISL_636266				
see above	San Diego County Public Health Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Tracy Basler, Jovan Shephard, Brett Austin	
EPI_ISL_640145, EPI_ISL_640211, EPI_ISL_640213, EPI_ISL_640215		University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_644193, EPI_ISL_644206		Texas Department of State Health Services	Texas Department of State Health Services	Rashmi Tuladhar, Bonnie Oh, Jenny Zhang, Maliha Rahman, Anita Pokharel, Myong Koag, Chung Wang, Rachel Lee, Grace Kubin, Mayela Pedrueza, James Daniel Bonser
EPI_ISL_648272		MD PHL	MD PHL	Maryland Department of Health Laboratories Administration
EPI_ISL_648389, EPI_ISL_648390, EPI_ISL_648391, EPI_ISL_648393, EPI_ISL_648396, EPI_ISL_648441, EPI_ISL_648442, EPI_ISL_648448, EPI_ISL_648449, EPI_ISL_648451, EPI_ISL_648459, EPI_ISL_648462				
see above	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub		CZB Cliahub Consortium
EPI_ISL_648539		Tulare County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_648542		Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_648840, EPI_ISL_648885, EPI_ISL_648898, EPI_ISL_648911, EPI_ISL_648926, EPI_ISL_648927, EPI_ISL_648934, EPI_ISL_648960, EPI_ISL_648978, EPI_ISL_648979, EPI_ISL_648981, EPI_ISL_648982, EPI_ISL_648983, EPI_ISL_648985, EPI_ISL_648988, EPI_ISL_648989, EPI_ISL_648991, EPI_ISL_648993, EPI_ISL_648994, EPI_ISL_648996, EPI_ISL_648997, EPI_ISL_648998, EPI_ISL_648999, EPI_ISL_649004, EPI_ISL_649005, EPI_ISL_649017, EPI_ISL_649023, EPI_ISL_649056				
see above	San Diego County Public Health Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Tracy Basler, Jovan Shephard, Brett Austin	
EPI_ISL_649057, EPI_ISL_649058, EPI_ISL_649059		University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_649152		Infectious diseases, Chan Zuckerberg Biohub	Infectious diseases, Chan Zuckerberg Biohub	Bhatt,K.D.
EPI_ISL_650081, EPI_ISL_650111		University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_653365		LSUHS Emerging Viral Threat Laboratory	Microbial Genome Sequencing Center	Maarten Van Diest, Jeremy P. Kamil, Rona S. Scott, Malgorzata Bienkowska-Haba, Katarzyna Zwolinska, Andrew D. Yurochko, Christopher G. Kevil, Martin J. Sapp, Daniel J. Snyder, Vaughn S. Cooper, John A. Vanchiere
EPI_ISL_656992		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_660079, EPI_ISL_660094		MD PHL	MD PHL	Maryland Department of Health Laboratories Administration
EPI_ISL_666618, EPI_ISL_666619, EPI_ISL_666620, EPI_ISL_666621		Environmental and Global Health, University of Florida	Environmental and Global Health, University of Florida	Loeb,J.C., Silva,L.O., Elbadry,M.A., Stephenson,C.J., Morris,J.G., Lednický,J.A.
EPI_ISL_666622		Environmental and Global Health, University of Florida	Environmental and Global Health, University of Florida	Stephenson,C.J., Elbadry,M.A., Loeb,J.C., Silva,L.O., Morris,J.G., Lednický,J.A.
EPI_ISL_666771, EPI_ISL_666790, EPI_ISL_666808		Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_666920, EPI_ISL_666954, EPI_ISL_666963		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_666993, EPI_ISL_667002, EPI_ISL_667005, EPI_ISL_667007, EPI_ISL_667009, EPI_ISL_667010, EPI_ISL_667014, EPI_ISL_667041, EPI_ISL_667050, EPI_ISL_667056, EPI_ISL_667061, EPI_ISL_667063				
see above	San Diego County Public Health Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Tracy Basler, Jovan Shephard, Brett Austin	
EPI_ISL_667082, EPI_ISL_667103, EPI_ISL_667120, EPI_ISL_667127, EPI_ISL_667176, EPI_ISL_667275, EPI_ISL_667322, EPI_ISL_667361, EPI_ISL_667385, EPI_ISL_667394, EPI_ISL_667415, EPI_ISL_667426, EPI_ISL_667439, EPI_ISL_667463, EPI_ISL_667491, EPI_ISL_667493, EPI_ISL_667514, EPI_ISL_667523				
see above	OHSU Lab Services Molecular Microbiology Lab	Oregon SARS-CoV-2 Genome Sequencing Center	Brendan L. O'Connell, Ruth V. Nichols, Sally Grindstaff, Alec J. Hirsch, Donna Hansel, Guang Fan, Daniel N. Streblow, William B. Messer, Andrew C. Adey, Benjamin N. Bimber, Brian J. O'Roak	
EPI_ISL_667624, EPI_ISL_667625, EPI_ISL_667731		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_671679		DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_671696		DOHMH PHL	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_671757		DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_672015		UCSF Clinical Microbiology Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_672019		Madera County Department of Public Health	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_672024		Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_672037, EPI_ISL_672046, EPI_ISL_672048		Madera County Department of Public Health	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_672056		The Ashley Laboratory, Stanford University	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_672057		Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_672058		The Ashley Laboratory, Stanford University	Chan-Zuckerberg Biohub	CZB Cliahub Consortium

EPI_ISL_672073	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_672081	Madera County Department of Public Health	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_672091	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_672111	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_672175, EPI_ISL_672187, EPI_ISL_672192, EPI_ISL_672197, EPI_ISL_672206, EPI_ISL_672207, EPI_ISL_672215, EPI_ISL_672228, EPI_ISL_672252	The Ashley Laboratory, Stanford University	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_672281, EPI_ISL_672283, EPI_ISL_672297	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_672366	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_672389, EPI_ISL_672393	UCSF Clinical Microbiology Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_672398, EPI_ISL_672399, EPI_ISL_672400, EPI_ISL_672401, EPI_ISL_672402, EPI_ISL_672405, EPI_ISL_672409, EPI_ISL_672410, EPI_ISL_672419, EPI_ISL_672420, EPI_ISL_672421			
see above	Madera County Department of Public Health	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_672429, EPI_ISL_672431	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_672454, EPI_ISL_672455, EPI_ISL_672461, EPI_ISL_672464, EPI_ISL_672465, EPI_ISL_672467, EPI_ISL_672471, EPI_ISL_672475	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_672488, EPI_ISL_672489	Contra Costa County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_672502, EPI_ISL_672503, EPI_ISL_672506, EPI_ISL_672507, EPI_ISL_672508, EPI_ISL_672509, EPI_ISL_672510, EPI_ISL_672516, EPI_ISL_672517, EPI_ISL_672518, EPI_ISL_672520, EPI_ISL_672521, EPI_ISL_672523, EPI_ISL_672525			
see above	Madera County Department of Public Health	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_677092, EPI_ISL_677095, EPI_ISL_677096, EPI_ISL_677097, EPI_ISL_677100, EPI_ISL_677104, EPI_ISL_677107, EPI_ISL_677110	Wadsworth Center, New York State Department.of Health	Wadsworth Center, New York State Department.of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Jonathan Plitnick, Navjot Singh, John Kelly, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_677116, EPI_ISL_677119	Masonic Medical Research Institute	Wadsworth Center, New York State Department.of Health	Nathan Tucker, Kirsten St. George, Daryl M. Lamson, Alexis Russel, Jonathan Plitnick, Navjot Singh, John Kelly, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_677298, EPI_ISL_677311	Colorado Department of Public Health and Environment	Colorado Department of Puplic Health and Environment	Laura Bankers, Molly Hetherington-Rauth, Shannon Ely, Shannon R. Matzinger, Sarah Elizabeth Totten, Emily A. Travanty
EPI_ISL_677830, EPI_ISL_677868	Innovative Genomics Institute, UC Berkeley	Innovative Genomics Institute, UC Berkeley	Stacia Wyman, Haridha Shivram, Phil Frankino, Liana Lareau, Shana McDevitt, Justin Choi
EPI_ISL_682060	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_682199	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_683689	Hennepin County Medical Center	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_683708, EPI_ISL_683709	Essentia Health-St. Mary's Medical Center	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_683790	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_683796, EPI_ISL_683799, EPI_ISL_683800	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_683803, EPI_ISL_683804, EPI_ISL_683805, EPI_ISL_683806	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_683816	DOHMH Fort Greene	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_683822, EPI_ISL_683903	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_683904	DOHMH Crown Heights	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_683907	DOHMH Riverside	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_683956, EPI_ISL_683958	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_683968	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_683979	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_683991	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_692795	Massachusetts State Public Health Laboratory	Massachusetts State Public Health Laboratory	Andrew Lang, Timelia Fink, Glen Gallagher, Sandra Smole
EPI_ISL_694429, EPI_ISL_694443, EPI_ISL_694627, EPI_ISL_694628, EPI_ISL_694960, EPI_ISL_695000, EPI_ISL_695075, EPI_ISL_695076	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_695153, EPI_ISL_695165	AZ SPHL, 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_695229, EPI_ISL_695251, EPI_ISL_695257, EPI_ISL_695258, EPI_ISL_695259, EPI_ISL_695264, EPI_ISL_695271, EPI_ISL_695273, EPI_ISL_695275, EPI_ISL_695288, EPI_ISL_695294			
see above	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_695412, EPI_ISL_695414, EPI_ISL_695486, EPI_ISL_695487, EPI_ISL_695488, EPI_ISL_695494, EPI_ISL_695495, EPI_ISL_695507, EPI_ISL_695510, EPI_ISL_695511, EPI_ISL_695515			
see above	AZ SPHL, 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_695524, EPI_ISL_695536, EPI_ISL_695545, EPI_ISL_695549, EPI_ISL_695619, EPI_ISL_695622, EPI_ISL_695633, EPI_ISL_695637, EPI_ISL_695658	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_695681	AZ SPHL, 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_695702, EPI_ISL_695707	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_695747, EPI_ISL_695749	AZ SPHL, 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_695844, EPI_ISL_696150, EPI_ISL_696194, EPI_ISL_696257, EPI_ISL_696396	Sonora Quest Laboratories, Laboratory Sciences of Arizona	TGen North	Jolene Bowers, Megan Folkerts, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)
EPI_ISL_700723, EPI_ISL_700737	Texas Department of State Health Services	Texas Department of State Health Services	Rashmi Tuladhar, Bonnie Oh, Jenny Zhang, Maliha Rahman, Anita Pokharel, Myong Koag, Chung Wang, Rachel Lee, Grace Kubin, Mayela Pedrueza, James Daniel Bonser
EPI_ISL_707809, EPI_ISL_707852, EPI_ISL_707870	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_707911, EPI_ISL_707912, EPI_ISL_707918	Los Angeles County Public Health Laboratory	Los Angeles County Public Health Laboratory	P. Hemarajata et al.
EPI_ISL_708356	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_708452	Delaware Public Health Lab	Delaware Public Health Lab	Gregory Hovan
EPI_ISL_708501	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_708553, EPI_ISL_708554, EPI_ISL_708561	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_710105, EPI_ISL_710107	Los Angeles County PHL	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_710322, EPI_ISL_710354	Colorado Department of Public Health and Environment	Colorado Department of Public Health and Environment	Laura Bankers, Molly C. Hetherington-Rauth, Shannon Ely, Shannon R. Matzinger, Sarah Elizabeth Totten, Emily A. Travanty
EPI_ISL_710429	Los Angeles County PHL	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_717778, EPI_ISL_717779	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Michelle Lin, Meei-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_723513	Virginia Division of Consolidated Laboratory Services (DCLS)	Virginia Division of Consolidated Laboratory Services (DCLS)	Virginia DCLS
EPI_ISL_728073, EPI_ISL_728082, EPI_ISL_728101	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_728472	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_729766	Yale Pathology Lab	Grubaugh Lab - Yale School of Public Health	Joseph Fauver, Tara Alpert, Anderson Brito, Annie Watkins, Anne Wyllie, Chantal Vogels, Mary Petrone, Chaney Kalinich, Isabel Ott, Arnau Casanovas, Catherine Muenker, Adam Moore, Alice Lu, Maria Tokuyama, Patrick Wong, Peiwen Lu, Saad Omer, Richard Martinello, Allison Nelson, Shelli Farhadian, Akiko Iwasaki, Charlese Dela Cruz, Albert Ko, Nathan Grubaugh
EPI_ISL_730126	San Diego County Public Health Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Tracy Basler, Jovan Shephard, Brett Austin
EPI_ISL_730136	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_730199, EPI_ISL_730213, EPI_ISL_730222, EPI_ISL_730223	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_730331, EPI_ISL_730334, EPI_ISL_730347, EPI_ISL_730354, EPI_ISL_730355, EPI_ISL_730358, EPI_ISL_730361	San Diego County Public Health Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Tracy Basler, Jovan Shephard, Brett Austin
EPI_ISL_732714, EPI_ISL_732715, EPI_ISL_732726, EPI_ISL_732729	New Mexico Department of Health Scientific Laboratory	New Mexico Department of Health Scientific Laboratory	Ellie Johnson, Anastacia Griego-Fisher, D'Eldra Malone
EPI_ISL_734214	Virginia Division of Consolidated Laboratory Services (DCLS)	Virginia Division of Consolidated Laboratory Services (DCLS)	Virginia DCLS
EPI_ISL_734288, EPI_ISL_734291, EPI_ISL_734292, EPI_ISL_734295, EPI_ISL_734309, EPI_ISL_734314, EPI_ISL_734316, EPI_ISL_734319, EPI_ISL_734320, EPI_ISL_734321, EPI_ISL_734323, EPI_ISL_734324, EPI_ISL_734325, EPI_ISL_734326, EPI_ISL_734328, EPI_ISL_734329, EPI_ISL_734333, EPI_ISL_734334, EPI_ISL_734335, EPI_ISL_734336, EPI_ISL_734337, EPI_ISL_734338, EPI_ISL_734339, EPI_ISL_734340, EPI_ISL_734341, EPI_ISL_734342, EPI_ISL_734343, EPI_ISL_734344, EPI_ISL_734345, EPI_ISL_734346, EPI_ISL_734347, EPI_ISL_734348, EPI_ISL_734350, EPI_ISL_734351, EPI_ISL_734352, EPI_ISL_734368, EPI_ISL_734369, EPI_ISL_734370, EPI_ISL_734371, EPI_ISL_734380, EPI_ISL_734388, EPI_ISL_734389, EPI_ISL_734390, EPI_ISL_734391, EPI_ISL_734392, EPI_ISL_734393, EPI_ISL_734394, EPI_ISL_734395, EPI_ISL_734396, EPI_ISL_734397, EPI_ISL_734404, EPI_ISL_734406, EPI_ISL_734408, EPI_ISL_734410, EPI_ISL_734419, EPI_ISL_734420, EPI_ISL_734421, EPI_ISL_734422, EPI_ISL_734423, EPI_ISL_734424, EPI_ISL_734425, EPI_ISL_734426, EPI_ISL_734427, EPI_ISL_734428, EPI_ISL_734429, EPI_ISL_734430, EPI_ISL_734431, EPI_ISL_734432, EPI_ISL_734433, EPI_ISL_734434, EPI_ISL_734435, EPI_ISL_734436	Wadsworth Center, New York State Department.of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Jonathan Plitnick, Navjot Singh, John Kelly, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist	
see above	Wadsworth Center, New York State Department.of Health	Wadsworth Center, New York State Department.of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Jonathan Plitnick, Navjot Singh, John Kelly, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_734447, EPI_ISL_734448, EPI_ISL_734449, EPI_ISL_734450, EPI_ISL_734451, EPI_ISL_734452, EPI_ISL_734453, EPI_ISL_734454, EPI_ISL_734455, EPI_ISL_734456, EPI_ISL_734457, EPI_ISL_734458, EPI_ISL_734459, EPI_ISL_734460, EPI_ISL_734461, EPI_ISL_734462, EPI_ISL_734463, EPI_ISL_734464, EPI_ISL_734465, EPI_ISL_734466, EPI_ISL_734467, EPI_ISL_734468, EPI_ISL_734469, EPI_ISL_734470, EPI_ISL_734471, EPI_ISL_734472, EPI_ISL_734473, EPI_ISL_734474, EPI_ISL_734475, EPI_ISL_734476, EPI_ISL_734477, EPI_ISL_734478, EPI_ISL_734479, EPI_ISL_734480, EPI_ISL_734481	Masonic Medical Research Institute	Kirsten St. George, Nathan Tucker, Ryan D. Pfeiffer, Daryl M. Lamson, Alexis Russel, Jonathan Plitnick, Navjot Singh, John Kelly, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist	
see above	Masonic Medical Research Institute	Wadsworth Center, New York State Department.of Health	Kirsten St. George, Nathan Tucker, Ryan D. Pfeiffer, Daryl M. Lamson, Alexis Russel, Jonathan Plitnick, Navjot Singh, John Kelly, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_735460, EPI_ISL_735471, EPI_ISL_737081, EPI_ISL_737087, EPI_ISL_737088, EPI_ISL_737098	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Meei-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_737240, EPI_ISL_737242	Los Angeles County PHL	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_738507	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_738512	Napa-Solano-Yolo- Marin County (NSYM) Public Health Laboratories	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_738544	UCSF Clinical Microbiology Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_738556	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_738567	Renegade	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_738569, EPI_ISL_738570, EPI_ISL_738588	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_738591	Renegade	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_738604	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium

EPI_ISL_738612	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_738613	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_738620	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_738622	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_738624	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_738629	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_738630, EPI_ISL_738634, EPI_ISL_738635, EPI_ISL_738636, EPI_ISL_738637, EPI_ISL_738638, EPI_ISL_738639, EPI_ISL_738640, EPI_ISL_738641	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_738642, EPI_ISL_738679	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_738778, EPI_ISL_738785	Humboldt County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_738825, EPI_ISL_738831, EPI_ISL_738848	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_738875	Humboldt County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_738904	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_738907, EPI_ISL_738928	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_738932	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_738964	Madera County Department of Public Health	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_738974	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_738981	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_738982	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_739017	County of San Luis Obispo Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_739033, EPI_ISL_739075	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_739091	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_739094	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_739121	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_739127, EPI_ISL_739134, EPI_ISL_739137	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_739157	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_739163, EPI_ISL_739173	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_739188	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_739189	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_739197	Madera County Department of Public Health	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_739202, EPI_ISL_739220, EPI_ISL_739241	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_739252, EPI_ISL_739253	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_739280	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_739281	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_739283, EPI_ISL_739285	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_739297	Humboldt County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_739323, EPI_ISL_739340, EPI_ISL_739356	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_739393	Madera County Department of Public Health	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_739404	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_739406, EPI_ISL_739407	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_739416	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_739439, EPI_ISL_739444, EPI_ISL_739449	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_739476	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_739489	Humboldt County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_739506, EPI_ISL_739518, EPI_ISL_739535	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_739537	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_739563, EPI_ISL_739572, EPI_ISL_739583, EPI_ISL_739604	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_739609	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_739610	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_739613	UCSF Clinical Microbiology Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_739616, EPI_ISL_739631	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_739632	UCSF Clinical Microbiology Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium

EPI_ISL_745407	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_745408	DOHMH Riverside	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_745411	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_745414, EPI_ISL_745417	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_745428	DOHMH Riverside	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_745436	DOHMH Chelsea	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_745452	DOHMH Crown Heights	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_745464	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_745697, EPI_ISL_745781, EPI_ISL_745783, EPI_ISL_745786, EPI_ISL_745826, EPI_ISL_745896, EPI_ISL_745905, EPI_ISL_745921, EPI_ISL_745927, EPI_ISL_745966, EPI_ISL_745972, EPI_ISL_745994, EPI_ISL_746050, EPI_ISL_746052, EPI_ISL_746109, EPI_ISL_746149, EPI_ISL_746152, EPI_ISL_746263, EPI_ISL_746278, EPI_ISL_746280			
see above	Ginkgo Bioworks Clinical Laboratory	Utah Public Health Laboratory	Erin L. Young, Kelly Oakeson, Tara Gallagher, Michael T. Pyne, E. Susan Slechta, Melanie A. Mallory, Jeffrey B. Stevenson, Salika M. Shakir, David R. Hillyard, Malaika McKenzie-Bennett, James McGann, Jim Griffin, Keith Robison, Alex Plock, Becky Schilling, Martha Pierson, Rebecca Littlefield, Michelle Spencer, Birgitte Simen
EPI_ISL_746437, EPI_ISL_746885, EPI_ISL_746994	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin Young, Kelly Oakeson, Tara Gallagher
EPI_ISL_747038, EPI_ISL_747043, EPI_ISL_747050, EPI_ISL_747096, EPI_ISL_747150, EPI_ISL_747151, EPI_ISL_747154, EPI_ISL_747158	Respiratory Viruses Branch, Centers for Disease Control and Prevention	Respiratory Viruses Branch, Centers for Disease Control and Prevention	Queen,K., Li,Y., Tao,Y., Uehara,A., Montmayer,A., Paden,C.R., Cook,P.W., Marine,R., Sheth,M., Wang,H., Lee,J., Tong,S.
EPI_ISL_747205	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Michelle Lin, Meei-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_751578	HI Dept. of Health, State Laboratories Division	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayer, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751580	NYSDOH Wadsworth Center, Virology Lab	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayer, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751628	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 Montmayer, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751651	HI Dept. of Health, State Laboratories Division	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayer, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751663	WY Public Health Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayer, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751673, EPI_ISL_751674, EPI_ISL_751675	HI Dept. of Health, State Laboratories Division	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayer, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751703	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 Montmayer, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751761	HI Dept. of Health, State Laboratories Division	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayer, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751771	MD DOH Laboratories Administration	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayer, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751773	NJ Public Health and Environmental Laboratories	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayer, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong
EPI_ISL_751817, EPI_ISL_751825, EPI_ISL_751844	New Mexico Department of Health Scientific Laboratory	New Mexico Department of Health Scientific Laboratory	D'eldra Malone, Ellie Johnson, Anastacia Griego-Fisher
EPI_ISL_752696, EPI_ISL_752700, EPI_ISL_752710, EPI_ISL_752711, EPI_ISL_752717, EPI_ISL_752719, EPI_ISL_752723, EPI_ISL_752724, EPI_ISL_752725, EPI_ISL_752731, EPI_ISL_752732, EPI_ISL_752733, EPI_ISL_752734, EPI_ISL_752735, EPI_ISL_752736, EPI_ISL_752737, EPI_ISL_752738, EPI_ISL_752739, EPI_ISL_752740, EPI_ISL_752741, EPI_ISL_752742, EPI_ISL_752743, EPI_ISL_752744, EPI_ISL_752745, EPI_ISL_752746, EPI_ISL_752747, EPI_ISL_752748, EPI_ISL_752749, EPI_ISL_752750, EPI_ISL_752751, EPI_ISL_752752, EPI_ISL_752753, EPI_ISL_752754, EPI_ISL_752755, EPI_ISL_752756, EPI_ISL_752757, EPI_ISL_752758, EPI_ISL_752759, EPI_ISL_752760, EPI_ISL_752761, EPI_ISL_752762, EPI_ISL_752763, EPI_ISL_752764, EPI_ISL_752765, EPI_ISL_752766, EPI_ISL_752767, EPI_ISL_752768, EPI_ISL_752769, EPI_ISL_752770, EPI_ISL_752771, EPI_ISL_752772, EPI_ISL_752773, EPI_ISL_752774, EPI_ISL_752775, EPI_ISL_752776, EPI_ISL_752777, EPI_ISL_752778, EPI_ISL_752779, EPI_ISL_752780, EPI_ISL_752781, EPI_ISL_752782, EPI_ISL_752783, 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EPI_ISL_753263, EPI_ISL_753266, EPI_ISL_753267, EPI_ISL_753271, EPI_ISL_753273, EPI_ISL_753275, EPI_ISL_753277, EPI_ISL_753279, EPI_ISL_753347, EPI_ISL_753376, EPI_ISL_753380, EPI_ISL_753387, EPI_ISL_753414, EPI_ISL_753427, EPI_ISL_753472, EPI_ISL_753475, EPI_ISL_753483, EPI_ISL_753486, EPI_ISL_753497, EPI_ISL_753516, EPI_ISL_753522, EPI_ISL_753551, EPI_ISL_753556, EPI_ISL_753566, EPI_ISL_753583, EPI_ISL_753603, EPI_ISL_753604, EPI_ISL_753646	see above	Clinical virology Laboratory, Children's Hospital Los Angeles	Center for Personalized Medicine, Children's Hospital Los Angeles	Gai et al
EPI_ISL_754221	EPI_ISL_754390	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Noah Hull, Taylor Fearing, Channing Weber, Ashley Norberg, Bailey Bowcutt, and Wanda Manley
EPI_ISL_754395, EPI_ISL_754402, EPI_ISL_754412, EPI_ISL_754413, EPI_ISL_754414, EPI_ISL_754415, EPI_ISL_754416, EPI_ISL_754429, EPI_ISL_754444, EPI_ISL_754445, EPI_ISL_754449, EPI_ISL_754450, EPI_ISL_754453, EPI_ISL_754454, EPI_ISL_754474, EPI_ISL_754482, EPI_ISL_754487, EPI_ISL_754488, EPI_ISL_754491, EPI_ISL_754493, EPI_ISL_754505, EPI_ISL_754506, EPI_ISL_754507, EPI_ISL_754513, EPI_ISL_754516, EPI_ISL_754517, EPI_ISL_754518, EPI_ISL_754519, EPI_ISL_754520, EPI_ISL_754521, EPI_ISL_754522, EPI_ISL_754523, EPI_ISL_754524, EPI_ISL_754525, EPI_ISL_754528, EPI_ISL_754529, EPI_ISL_754533, EPI_ISL_754534, EPI_ISL_754538, EPI_ISL_754541, EPI_ISL_754561, EPI_ISL_754562, EPI_ISL_754563, EPI_ISL_754564, EPI_ISL_754565, EPI_ISL_754566, EPI_ISL_754572, EPI_ISL_754579, EPI_ISL_754580, EPI_ISL_754581, EPI_ISL_754591, EPI_ISL_754592, EPI_ISL_754593, EPI_ISL_754594, EPI_ISL_754595, EPI_ISL_754596, EPI_ISL_754597, EPI_ISL_754598, EPI_ISL_754599, EPI_ISL_754601, EPI_ISL_754602, EPI_ISL_754603, EPI_ISL_754604, EPI_ISL_754605, EPI_ISL_754606, EPI_ISL_754607, EPI_ISL_754608, EPI_ISL_754609, EPI_ISL_754610, EPI_ISL_754611, EPI_ISL_754612, EPI_ISL_754613, EPI_ISL_754614, EPI_ISL_754615, EPI_ISL_754616, EPI_ISL_754617	see above	Wadsworth Center, New York State Department of Health	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Pitnick, Navjot Singh, John Kelly, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_754619	EPI_ISL_754726, EPI_ISL_754744, EPI_ISL_754745, EPI_ISL_754789, EPI_ISL_754790, EPI_ISL_754792, EPI_ISL_754795	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_754874, EPI_ISL_754879, EPI_ISL_754895, EPI_ISL_754896	EPI_ISL_754917, EPI_ISL_754926, EPI_ISL_754938, EPI_ISL_754951, EPI_ISL_754958, EPI_ISL_754978, EPI_ISL_754985, EPI_ISL_754994, EPI_ISL_754999, EPI_ISL_755006, EPI_ISL_755047, EPI_ISL_755058, EPI_ISL_755059	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 Pitnick, Navjot Singh, John Kelly, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
see above	EPI_ISL_755148, EPI_ISL_755150, EPI_ISL_755159, EPI_ISL_755169, EPI_ISL_755191, EPI_ISL_755193, EPI_ISL_755219	Innovative Genomics Institute, UC Berkeley	Innovative Genomics Institute, UC Berkeley	Stacia Wyman, Haridha Shivram, Phil Frankino, Liana Lareau, Shana McDevitt, Justin Choi
EPI_ISL_755277	EPI_ISL_755342, EPI_ISL_755343, EPI_ISL_755344, EPI_ISL_755356, EPI_ISL_755369, EPI_ISL_755387, EPI_ISL_755435, EPI_ISL_755437, EPI_ISL_755498	California Department of Public Health	California Department of Public Health	CDPH IDLB COVIDNet SEARCH Alliance San Diego
EPI_ISL_755896	EPI_ISL_756208, EPI_ISL_756225, EPI_ISL_756226, EPI_ISL_756232, EPI_ISL_756236	UCSD EXCITE lab	Andersen lab at Scripps Research	
EPI_ISL_756275, EPI_ISL_756276, EPI_ISL_756277, EPI_ISL_756278, EPI_ISL_756279, EPI_ISL_756280, EPI_ISL_756281	EPI_ISL_756295	San Diego County Public Health Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Tracy Basler, Jovan Shephard, Brett Austin
EPI_ISL_756333	EPI_ISL_759749	Maine Health and Environmental Testing Laboratories	Tewhey Lab, The Jackson Laboratory	Matluk,N., Dewey,H., Iosue,F., Barter,M., Lynch,R., Munger,H. and Tewhey,R.
EPI_ISL_765502, EPI_ISL_765504, EPI_ISL_765505, EPI_ISL_765508, EPI_ISL_765514, EPI_ISL_765515	EPI_ISL_765518, EPI_ISL_765522, EPI_ISL_765523, EPI_ISL_765527	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_765536, EPI_ISL_765537, EPI_ISL_765559	EPI_ISL_765781, EPI_ISL_765807, EPI_ISL_765886, EPI_ISL_765891	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Meei-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_765943, EPI_ISL_765944, EPI_ISL_765953, EPI_ISL_765955, EPI_ISL_765956, EPI_ISL_765957	EPI_ISL_766010, EPI_ISL_766012	State Laboratories Division, Hawaii State Department of Health	State Laboratories Division, Hawaii State Department of Health	Pamela O'Brien, Sabrina Diemert, Drew Kuwazaki, Razvan Sultana, Edward Desmond
EPI_ISL_766678	EPI_ISL_766976, EPI_ISL_766978, EPI_ISL_766984, EPI_ISL_766989, EPI_ISL_766991, EPI_ISL_766992, EPI_ISL_766996, EPI_ISL_766997, EPI_ISL_766999, EPI_ISL_767007, EPI_ISL_767011, EPI_ISL_767012	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Meei-Li Huang, Keith R Jerome, Alexander Greninger
		Innovative Genomics Institute, UC Berkeley	Innovative Genomics Institute, UC Berkeley	Stacia Wyman, Haridha Shivram, Phil Frankino, Liana Lareau, Shana McDevitt, Justin Choi
		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
		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 Pitnick, Navjot Singh, John Kelly, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
		SARATOGA HOSPITAL LABORATORY	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Pitnick, Navjot Singh, John Kelly, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
		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 Pitnick, Navjot Singh, John Kelly, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
		Massachusetts General Hospital	Infectious Disease Program, Broad Institute of Harvard and MIT	Lemieux,J.E., Siddle,K.J., Shaw,B., Adams,G., Pierce,V., Turbett,S., Anahtar,M., Branda,J., Slater,D., Harris,J., Lin,A.E., Gladden-Young,A., Lagerborg,K., Rudy,M., DeRuff,K., Carter,A., Normandin,E., Bauer,M., Reilly,S., Tomkins-Tinch,C., Loreth,C., Chaluvasi,S., Neumann,A., Cusick,C., Chapman,S.B., Gnirke,A., Flowers,K., Cerrato,F., Birren,B.W., Gallagher,G., Smole,S., Park,D.J., MacInnis,B.L., Ryan,E., LaRocque,R., Rosenberg,E. and Sabeti,P.C.
		Worobey Lab, Department of Ecology and Evolutionary Biology, University of Arizona	Worobey Lab, Department of Ecology and Evolutionary Biology, University of Arizona	Brendan Larsen, Grace Quirk, Thomas Watts, David Baltrus, Michael Worobey
		Los Angeles County PHL	Los Angeles County PHL	P. Hemarajata et al.
		Texas Department of State Health Services	Texas Department of State Health Services	Rashmi Tuladhar, Bonnie Oh, Jenny Zhang, Maliha Rahman, Anita Pokharel, Myong Koag, Chung Wang, Rachel Lee, Grace Kubin, Mayela Pedrueza, James Daniel Bonser
see above		Delaware Public Health Laboratory	Delaware Public Health Laboratory	Gregory Hovan

EPI_ISL_767056, EPI_ISL_767058	New Mexico Department of Health Scientific Laboratory	New Mexico Department of Health Scientific Laboratory	D'eldra Malone, Ellie Johnson, Anastacia Griego-Fisher
EPI_ISL_767418, EPI_ISL_767450, EPI_ISL_767457, EPI_ISL_767458, EPI_ISL_767459, EPI_ISL_767460, EPI_ISL_767465, EPI_ISL_767471, EPI_ISL_767473, EPI_ISL_767489, EPI_ISL_767494, EPI_ISL_767503, EPI_ISL_767504, EPI_ISL_767505, EPI_ISL_767506, EPI_ISL_767507, EPI_ISL_767514, EPI_ISL_767516, EPI_ISL_767529, EPI_ISL_767530, EPI_ISL_767531, EPI_ISL_767532, EPI_ISL_767533, EPI_ISL_767534, EPI_ISL_767535, EPI_ISL_767536, EPI_ISL_767537			
see above	Wadsworth Center, New York State Department.of Health	Wadsworth Center, New York State Department.of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_767539, EPI_ISL_767542, EPI_ISL_767545, EPI_ISL_767552, EPI_ISL_767554, EPI_ISL_767556, EPI_ISL_767557, EPI_ISL_767558, EPI_ISL_767560, EPI_ISL_767564, EPI_ISL_767566, EPI_ISL_767573, EPI_ISL_767577, EPI_ISL_767579			
see above	URMC LABS	Wadsworth Center, New York State Department.of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_767589	SARATOGA HOSPITAL LABORATORY	Wadsworth Center, New York State Department.of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_767597	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_767599, EPI_ISL_767604, EPI_ISL_767605, EPI_ISL_767607, EPI_ISL_767614	SARATOGA HOSPITAL LABORATORY	Wadsworth Center, New York State Department.of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_767624	WHITE PLAINS HOSPITAL CENTER LABORATORY	Wadsworth Center, New York State Department.of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_767631, EPI_ISL_767659	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_767667, EPI_ISL_767669, EPI_ISL_767676	BIO-REFERENCE LABORATORIES	Wadsworth Center, New York State Department.of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_767696	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_767891	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_768369, EPI_ISL_768384	LSUHS Emerging Viral Threat Laboratory	Microbial Genome Sequencing Center	Jeremy P. Kamil, Jennifer L. Carroll, Camille F. Abshire, Maarten Van Diest, Andrew D. Yurochko, Martin J. Sapp, Rona S. Scott, Christopher G. Kevil, Daniel J. Snyder, Vaughn S. Cooper, John A. Vanchiere
EPI_ISL_768698	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_769892, EPI_ISL_769897, EPI_ISL_769901	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_769918, EPI_ISL_769920, EPI_ISL_769922, EPI_ISL_769927, EPI_ISL_769932, EPI_ISL_769938, EPI_ISL_769939, EPI_ISL_769943, EPI_ISL_769944, EPI_ISL_769945, EPI_ISL_769946, EPI_ISL_769948, EPI_ISL_769949, EPI_ISL_769955, EPI_ISL_769958, EPI_ISL_769963, EPI_ISL_769965, EPI_ISL_769967, EPI_ISL_769968, EPI_ISL_769969, EPI_ISL_769975, EPI_ISL_769979, EPI_ISL_769980, EPI_ISL_769981			
see above	Albany Medical Center Hospital Clinical Laboratories	Wadsworth Center, New York State Department.of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_770082, EPI_ISL_770127	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_770808, EPI_ISL_770809, EPI_ISL_770812	Essentia Health-St. Mary's Medical Center	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_771161, EPI_ISL_771175, EPI_ISL_771179, EPI_ISL_771180, EPI_ISL_771183, EPI_ISL_771250, EPI_ISL_771258, EPI_ISL_771282, EPI_ISL_771283, EPI_ISL_771299, EPI_ISL_771305			
see above	Colorado Department of Public Health and Environment	Colorado Department of Puplic Health and Environment	Laura Bankers, Molly C. Hetherington-Rauth, Diana Ir, Shannon Ely, Shannon R. Matzinger, Sarah Elizabeth Totten, Emily A. Travanty
EPI_ISL_771364	Washington State Department of Health	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcin, 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_776668, EPI_ISL_776669, EPI_ISL_776670, EPI_ISL_776694	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Meei-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_778877, EPI_ISL_778882, EPI_ISL_778907, EPI_ISL_778909	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_779187, EPI_ISL_779192	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 Buenteillo-Wong, Elise 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_779342, EPI_ISL_779373	University of Wisconsin-Madison AIDS Vaccine Research Laboratories	University of Wisconsin-Madison AIDS Vaccine Research Laboratories	Gage Moreno, Katarina Brun, et al. AIDS Vaccine Research Laboratories
EPI_ISL_779671	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_780399, EPI_ISL_780400, EPI_ISL_780401	Bermuda Government Molecular Diagnostics Laboratory (MDL)	Respiratory Virus Unit, National Infection Service, Public Health England	PHE Covid Sequencing Team, Dr Carika Weldon (Bermuda), Dr Ayoola Oyinloye (Bermuda)
EPI_ISL_781056, EPI_ISL_783546, EPI_ISL_783616, EPI_ISL_783631, EPI_ISL_783688, EPI_ISL_783697, EPI_ISL_783706, EPI_ISL_783708, EPI_ISL_783711, EPI_ISL_783717, EPI_ISL_783719, EPI_ISL_783764, EPI_ISL_783769, EPI_ISL_783799			
see above	Houston Methodist Hospital	Houston Methodist Hospital	S. Wesley Long, Randall J. Olsen, Paul A. Christensen, David W. Bernard, James J. Davis, Maulik Shukla, Marcus Nguyen, Matthew Ojeda Saavedra, Prasant Yerramilli, Layne Pruitt, Sishir Subedi, Heather Hendrickson, and James M. Musser
EPI_ISL_783850	Bermuda Government Molecular Diagnostics Laboratory (MDL)	Respiratory Virus Unit, National Infection Service, Public Health England	PHE Covid Sequencing Team, Dr Carika Weldon (Bermuda), Dr Ayoola Oyinloye (Bermuda)
EPI_ISL_783856, EPI_ISL_783906, EPI_ISL_783948, EPI_ISL_783978, EPI_ISL_783983, EPI_ISL_784043, EPI_ISL_784078, EPI_ISL_784091, EPI_ISL_784112, EPI_ISL_784136, EPI_ISL_784137, EPI_ISL_784169, EPI_ISL_784431, EPI_ISL_784461, EPI_ISL_784539, EPI_ISL_784566, EPI_ISL_784575, EPI_ISL_784578, EPI_ISL_784639, EPI_ISL_784658, EPI_ISL_784739, EPI_ISL_784791, EPI_ISL_784808, EPI_ISL_784816, EPI_ISL_784829, EPI_ISL_784925, EPI_ISL_784950, EPI_ISL_785002, EPI_ISL_785004, EPI_ISL_785011, EPI_ISL_785027, EPI_ISL_785047, EPI_ISL_785053, EPI_ISL_785060, EPI_ISL_785061, EPI_ISL_785071, EPI_ISL_785087, EPI_ISL_785115, EPI_ISL_785117, EPI_ISL_785131, EPI_ISL_785135, EPI_ISL_785137, EPI_ISL_785153, EPI_ISL_785170, EPI_ISL_785189, EPI_ISL_785223, EPI_ISL_785245, EPI_ISL_785266, EPI_ISL_785280, EPI_ISL_785283, EPI_ISL_785288, EPI_ISL_785291, EPI_ISL_785304, EPI_ISL_785424, EPI_ISL_785436, EPI_ISL_785709, EPI_ISL_785721, EPI_ISL_785744, EPI_ISL_785754, EPI_ISL_785777, EPI_ISL_785812, EPI_ISL_785894, EPI_ISL_785912, EPI_ISL_785913, EPI_ISL_785927, EPI_ISL_786007, EPI_ISL_786016, EPI_ISL_786056, EPI_ISL_786110, EPI_ISL_786115, EPI_ISL_786118, EPI_ISL_786119, EPI_ISL_786142, EPI_ISL_786197, EPI_ISL_786208, EPI_ISL_786294, EPI_ISL_786296, EPI_ISL_786305, EPI_ISL_786314, EPI_ISL_786327, EPI_ISL_786399, EPI_ISL_786419, EPI_ISL_786454, EPI_ISL_786466, EPI_ISL_786478, EPI_ISL_786491, EPI_ISL_786530, EPI_ISL_786538, EPI_ISL_786541, EPI_ISL_786637, EPI_ISL_786653, EPI_ISL_786654, EPI_ISL_786704, EPI_ISL_786714, EPI_ISL_786730, EPI_ISL_786735, EPI_ISL_786747, EPI_ISL_786762, EPI_ISL_786775, EPI_ISL_786790, EPI_ISL_786809, EPI_ISL_786815, EPI_ISL_786819, EPI_ISL_786833, EPI_ISL_786849, EPI_ISL_786854, EPI_ISL_786873, EPI_ISL_786891, EPI_ISL_786951, EPI_ISL_787009, EPI_ISL_787053, EPI_ISL_787082, EPI_ISL_787088, EPI_ISL_787408, EPI_ISL_787420, EPI_ISL_787428, EPI_ISL_787432, EPI_ISL_787478, EPI_ISL_787481, EPI_ISL_787483, EPI_ISL_787493, EPI_ISL_787558, EPI_ISL_787657, EPI_ISL_787694, EPI_ISL_787734, EPI_ISL_787735, EPI_ISL_787743, EPI_ISL_787746, EPI_ISL_787753, EPI_ISL_787759, EPI_ISL_787775, EPI_ISL_787783, EPI_ISL_787785, EPI_ISL_787815, EPI_ISL_787819, EPI_ISL_787822, EPI_ISL_787829, EPI_ISL_787854, EPI_ISL_787883, EPI_ISL_787969			
see above	Houston Methodist Hospital	Houston Methodist Hospital	S. Wesley Long, Randall J. Olsen, Paul A. Christensen, David W. Bernard, James J. Davis, Maulik Shukla, Marcus Nguyen, Matthew Ojeda Saavedra,

EPI_ISL_788904, EPI_ISL_788942	University of Wisconsin-Madison AIDS Vaccine Research Laboratories	University of Wisconsin-Madison AIDS Vaccine Research Laboratories	Prasanti Yerramilli, Layne Pruitt, Sishir Subedi, Heather Hendrickson, and James M. Musser Gage Moreno, Katarina Braun, et al. AIDS Vaccine Research Laboratories
EPI_ISL_789214, EPI_ISL_789597, EPI_ISL_789776, EPI_ISL_789799, EPI_ISL_789903, EPI_ISL_789947, EPI_ISL_789956, EPI_ISL_790149, EPI_ISL_790161, EPI_ISL_790173, EPI_ISL_790190, EPI_ISL_790205, EPI_ISL_790269, EPI_ISL_790279, EPI_ISL_790300, EPI_ISL_790340, EPI_ISL_790343, EPI_ISL_790344, EPI_ISL_790355, EPI_ISL_790381, EPI_ISL_790479			
see above	Houston Methodist Hospital	Houston Methodist Hospital	S. Wesley Long, Randall J. Olsen, Paul A. Christensen, David W. Bernard, James J. Davis, Maulik Shukla, Marcus Nguyen, Matthew Ojeda Saavedra, Prasanti Yerramilli, Layne Pruitt, Sishir Subedi, Heather Hendrickson, and James M. Musser
EPI_ISL_791116	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_791340	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_791358, EPI_ISL_791362, EPI_ISL_791367, EPI_ISL_791370, EPI_ISL_791374, EPI_ISL_791388, EPI_ISL_791390, EPI_ISL_791395, EPI_ISL_791398, EPI_ISL_791399, EPI_ISL_791405, EPI_ISL_791409, EPI_ISL_791412	Johns Hopkins Hospital Department of Pathology	Johns Hopkins Hospital Department of Pathology	C. Paul Morris, Chun Huai Luo, Heba H. Mostafa
see above	Johns Hopkins Hospital Department of Pathology	Johns Hopkins Hospital Department of Pathology	C. Paul Morris, Chun Huai Luo, Adannaya Amadi, Nicholas Gallagher, Heba H. Mostafa
EPI_ISL_791459, EPI_ISL_791482	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_793424	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_794015, EPI_ISL_794023, EPI_ISL_794025, EPI_ISL_794062, EPI_ISL_794063, EPI_ISL_794064, EPI_ISL_794065, EPI_ISL_794066, EPI_ISL_794067, EPI_ISL_794070, EPI_ISL_794071, EPI_ISL_794072, EPI_ISL_794073, EPI_ISL_794074, EPI_ISL_794075, EPI_ISL_794076			
see above	Wadsworth Center, New York State Department.of Health	Wadsworth Center, New York State Department.of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_794084, EPI_ISL_794085, EPI_ISL_794089, EPI_ISL_794091, EPI_ISL_794094, EPI_ISL_794095, EPI_ISL_794096, EPI_ISL_794097, EPI_ISL_794098, EPI_ISL_794099, EPI_ISL_794103			
see above	URMC LABS	Wadsworth Center, New York State Department.of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_794107, EPI_ISL_794108, EPI_ISL_794113, EPI_ISL_794115, EPI_ISL_794117, EPI_ISL_794118	GLENS FALLS HOSPITAL LABORATORY	Wadsworth Center, New York State Department.of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_794120, EPI_ISL_794127, EPI_ISL_794130, EPI_ISL_794131, EPI_ISL_794138, EPI_ISL_794141	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, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_794159, EPI_ISL_794160	Wadsworth Center, New York State Department.of Health	Wadsworth Center, New York State Department.of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_794189, EPI_ISL_794190, EPI_ISL_794191, EPI_ISL_794193, EPI_ISL_794196, EPI_ISL_794197, EPI_ISL_794199, EPI_ISL_794205	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, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_794206, EPI_ISL_794207	Wadsworth Center, New York State Department.of Health	Wadsworth Center, New York State Department.of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_794208, EPI_ISL_794210, EPI_ISL_794223, EPI_ISL_794244, EPI_ISL_794251	WESTCHESTER MEDICAL CENTER	Wadsworth Center, New York State Department.of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_794646, EPI_ISL_794648	UCLA Clinical Micro Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_801869, EPI_ISL_801903, EPI_ISL_801933, EPI_ISL_802122, EPI_ISL_802224, EPI_ISL_802236, EPI_ISL_802258, EPI_ISL_802278, EPI_ISL_802332, EPI_ISL_802417, EPI_ISL_802421			
see above	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, Elena Hirsch, Ashley S. Salimbangon, Levy Sominsky, Katherine Beach, Kayla Russo, Charles Gleason, Sheldie Fabre, Giulio Kleiner, Zenab Khan, Bremy Albuquerque, Adriana van de Guchte, Komal Srivastava, Matthew M. Hernandez, Jayeeta Dutta, Denise Jurczynszak, Emily Ferreri, Rachel Chernet, Nancy Francoeur, Betsaida Salom Melo, Irina Oussenko, Gintaras Deikus, Juan Soto, Shwetha Hara Sridhar, Ying-Chih Wang, Kathryn Twyman, Andrew Kasarskis, Deena R. Altman, Robert Sebra, Adolfo Garcia-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_802428	SARATOGA HOSPITAL LABORATORY	Wadsworth Center, New York State Department.of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_802429, EPI_ISL_802431	Wadsworth Center, New York State Department.of Health	Wadsworth Center, New York State Department.of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_802432, EPI_ISL_802439	SARATOGA HOSPITAL LABORATORY	Wadsworth Center, New York State Department.of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_802442	Wadsworth Center, New York State Department.of Health	Wadsworth Center, New York State Department.of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_802447	BIO-REFERENCE LABORATORIES	Wadsworth Center, New York State Department.of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_802462, EPI_ISL_802463, EPI_ISL_802464, EPI_ISL_802465	Wadsworth Center, New York State Department.of Health	Wadsworth Center, New York State Department.of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_802485	WESTCHESTER MEDICAL CENTER	Wadsworth Center, New York State Department.of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_802567, EPI_ISL_802568, EPI_ISL_802569	Essentia Health-St. Mary's Medical Center	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_802593	Vault Health	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_802777, EPI_ISL_802782	Columbia University Irving Medical Center	Wadsworth Center, New York State Department.of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_802989	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin Young, Kelly Oakeson, Tara Gallagher
EPI_ISL_803006, EPI_ISL_803014	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_803103, EPI_ISL_803104	Respiratory Viruses Branch, Centers for Disease Control and Prevention	Respiratory Viruses Branch, Centers for Disease Control and Prevention	Queen,K., Li,Y., Tao,Y., Uehara,A., Montmayeur,A., Paden,C.R., Cook,P.W., Marine,R., Sheth,M., Wang,H., Lee,J., Tong,S.
EPI_ISL_803922	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_804030	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_806862, EPI_ISL_806868, EPI_ISL_806869, EPI_ISL_806912, EPI_ISL_806917, EPI_ISL_806932, EPI_ISL_806933, EPI_ISL_806934, EPI_ISL_806957, EPI_ISL_807025, EPI_ISL_807082, EPI_ISL_807123, EPI_ISL_807124			
see above	Washington State Department of Health	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazier, Jover Lee, Benjamin Pelle, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Romesh Gautom, Geoff Melly, Brian Hiatt, Philip Dykema, Scott Lindquist, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Helen Y. Chu, Jay Shendure, Trevor Bedford
EPI_ISL_812121	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Department
EPI_ISL_812151	GA Department of Public Health Laboratory	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Yan Li, Ying Tao, Anna Montmayeur, Jing Zhang, Brian Lynch, Krista Queen, Anna Uehara, Rachel Marine, Peter Cook, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_812290	Delaware Public Health Lab	Delaware Public Health Lab	Gregory Hovan
EPI_ISL_812562, EPI_ISL_812593, EPI_ISL_812637, EPI_ISL_812681, EPI_ISL_812686	United States Air Force School of Aerospace Medicine	United States Air Force School of Aerospace Medicine	Anthony Fries, Jennifer Meyer, Amanda Javorina, Sarah Purves, William Gruner, Clarise Starr, Elizabeth Macias
EPI_ISL_812726	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_812736	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_812740	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_812756	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_815371	Centogene	Centogene	Peter Bauer, Krishna Kumar Kandawamy, Vivi Hue-Trang Lieu
EPI_ISL_819234, EPI_ISL_819240, EPI_ISL_819259	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_823817, EPI_ISL_823818	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823821	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823838	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823914	DOHMH PHL	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823931	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823936	DOHMH Crown Heights	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823951, EPI_ISL_823952	DOHMH Riverside	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823966	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_824296	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_824390	California Department of Public Health	California Department of Public Health	CDPH IDLB COVIDNet
EPI_ISL_824524, EPI_ISL_824526, EPI_ISL_824530, EPI_ISL_824547	New Mexico Department of Health Scientific Laboratory	New Mexico Department of Health Scientific Laboratory	Ellie Johnson, Anastacia Griego-Fisher, D'eldra Malone
EPI_ISL_824561, EPI_ISL_824607, EPI_ISL_824626, EPI_ISL_824636, EPI_ISL_824666, EPI_ISL_824706, EPI_ISL_824715	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_824947, EPI_ISL_824963, EPI_ISL_824965	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_824989	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_826383, EPI_ISL_826448	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_829462	deCODE genetics	deCODE genetics	Daniel F Gudbjartsson; Agnar Helgason; Hakon Jonsson; Olafur T Magnusson; Pall Melsted; Gudmundur L Norddahl; Jona Saemundsdottir; Asgeir Sigurdsson; Patrick Sulem; Ama B Agustsdottir; Hannes Eggertsson; Berglind Eiríksdóttir; Run Fridríksdóttir; Elisabet E Gardarsdóttir; Gudmundur Georgsson; Olafía S Gretarsdóttir; Kjartan R Gudmundsson; Thora R Gunnarsdóttir; Arnaldur Gylfason; Hilma Holm; Brynjar O Jensson; Aslaug Jonasdóttir; Kamilla S Josefsdóttir; Thorður Kristjánsson; Droplaug N Magnúsdóttir; Solvi Rognvaldsson; Louise le Roux; Gudrun Sigmundsdóttir; Gardar Sveinbjörnsson; Kristín E Sveinsdóttir; Maney Sveinsdóttir; Emil A Thorarensen; Bjarni Thorbjörnsson; Gisli Masson; Ingileif Jónsdóttir; Alma Møller; Thorolfur Gudnason; Karl G Kristinsson; Unnur Thorsteinsdóttir; Kari Stefánsson
EPI_ISL_830220, EPI_ISL_830221	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_830229	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_830265, EPI_ISL_830278, EPI_ISL_830280, EPI_ISL_830282, EPI_ISL_830284, EPI_ISL_830286, EPI_ISL_830288, EPI_ISL_830289, EPI_ISL_830291, EPI_ISL_830293, EPI_ISL_830294, EPI_ISL_830296, EPI_ISL_830298, EPI_ISL_830300, EPI_ISL_830302, EPI_ISL_830304, EPI_ISL_830306, EPI_ISL_830308, EPI_ISL_830312, EPI_ISL_830313, EPI_ISL_830315, EPI_ISL_830317, EPI_ISL_830319, EPI_ISL_830321, EPI_ISL_830323, EPI_ISL_830338			
see above	Wadsworth Center, New York State Department of Health	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_830581, EPI_ISL_830593, EPI_ISL_830596, EPI_ISL_830607, EPI_ISL_830616, EPI_ISL_830626	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_830632, EPI_ISL_830640	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_830650, EPI_ISL_830653, EPI_ISL_830654, EPI_ISL_830656, EPI_ISL_830660, EPI_ISL_830661, EPI_ISL_830663, EPI_ISL_830666, EPI_ISL_830668, EPI_ISL_830669, EPI_ISL_830672, EPI_ISL_830673, EPI_ISL_830677, EPI_ISL_830681, EPI_ISL_830682			
see above	SUNY UPSTATE MEDICAL UNIVERSITY	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_830686, EPI_ISL_830687, EPI_ISL_830688, EPI_ISL_830689, EPI_ISL_830693, EPI_ISL_830698, EPI_ISL_830717	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_830722	BIO-REFERENCE LABORATORIES	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_831567, EPI_ISL_831609	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_831707, EPI_ISL_831820, EPI_ISL_831874	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_831920, EPI_ISL_831935	New Mexico Department of Health Scientific Laboratory	New Mexico Department of Health Scientific Laboratory	Ellie Johnson, Anastacia Griego-Fisher, D'eltra Malone
EPI_ISL_832025, EPI_ISL_832026, EPI_ISL_832043, EPI_ISL_832058	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_832106	MD Laboratories	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_832296, EPI_ISL_832305	DOHMH Riverside	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832322	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832343, EPI_ISL_832344	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832356	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832388	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Department
EPI_ISL_832430, EPI_ISL_832431, EPI_ISL_832471, EPI_ISL_832483, EPI_ISL_832484, EPI_ISL_832506, EPI_ISL_832507, EPI_ISL_832537, EPI_ISL_832549, EPI_ISL_832594, EPI_ISL_832652, EPI_ISL_832695, EPI_ISL_832720	OHSU Lab Services Molecular Microbiology Lab	Oregon SARS-CoV-2 Genome Sequencing Center	Brendan L. O'Connell, Ruth V. Nichols, Sally Grindstaff, Alec J. Hirsch, Donna Hansel, Guang Fan, Daniel N. Streblow, William B. Messer, Andrew C. Adey, Benjamin N. Bimber, Brian J. O'Roak
EPI_ISL_833419	MD Laboratories	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_837509	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Meei-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_837636, EPI_ISL_837740, EPI_ISL_837776, EPI_ISL_837809	Instituto Nacional de Enfermedades Respiratorias (INER)	Instituto Nacional de Enfermedades Respiratorias (INER)	Celia Boukadida, Margarita Matías-Florentino, Alma Rincón-Rubio, Hector Esteban Paz-Juárez, Olivia Briceño, Edgar Sevilla-Reyes, Fidencio Mejía-Nepomuceno, Mario Mújica-Sánchez, Eduardo Becerril-Vargas, José Arturo Martínez-Orozco, Alejandra Hernández-Terán, Jorge Salas-Hernández, Santiago Ávila-Ríos, Joel Armando Vázquez-Pérez
EPI_ISL_840637	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_843175, EPI_ISL_843183, EPI_ISL_843187	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_845657, EPI_ISL_845658, EPI_ISL_845661	Quest Diagnostics	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., Shlyakhter, I.A., Owen, R., Lacbawan, F.
EPI_ISL_845761, EPI_ISL_845769	Emory Molecular Diagnostics Laboratory, Emory Healthcare	Piantadosi Lab, Emory Department of Pathology	Ahmed Babiker, Anne Piantadosi
EPI_ISL_845861, EPI_ISL_845868	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_845892	Benaroya Research Institute	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Michelle Lin, Meei-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_847519, EPI_ISL_847535, EPI_ISL_847551, EPI_ISL_847574, EPI_ISL_847583, EPI_ISL_847586, EPI_ISL_847596	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_847641	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_847658, EPI_ISL_847667, EPI_ISL_847689, EPI_ISL_847701, EPI_ISL_847702, EPI_ISL_847704, EPI_ISL_847729, EPI_ISL_847749, EPI_ISL_847755, EPI_ISL_847794, EPI_ISL_847796, EPI_ISL_847800, EPI_ISL_847802, EPI_ISL_847811, EPI_ISL_847812	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
see above	Microbiology Lab	NBCC Sequencing Facility	Dr. Jeff Wrana
EPI_ISL_848195	Illinois Department of Public Health	Gagnon Lab, Southern Illinois University	Keith Gagnon
EPI_ISL_848299, EPI_ISL_848448, EPI_ISL_848459, EPI_ISL_848496, EPI_ISL_848507			
EPI_ISL_848653, EPI_ISL_848674, EPI_ISL_848722	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton
EPI_ISL_849206, EPI_ISL_849242, EPI_ISL_849275	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin L. Young, Kelly F. Oakeson, Tara Gallagher
EPI_ISL_849325, EPI_ISL_849333, EPI_ISL_849334, EPI_ISL_849335, EPI_ISL_849336, EPI_ISL_849341, EPI_ISL_849346	Delaware Public Health Lab	Delaware Public Health Lab	Gregory Hovan
EPI_ISL_849430, EPI_ISL_849489, EPI_ISL_849510, EPI_ISL_849517	Seattle Flu Study	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazier, Jover Lee, Benjamin Pelle, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, 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_849533, EPI_ISL_849551, EPI_ISL_849559	Washington State Department of Health	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazier, Jover Lee, Benjamin Pelle, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Romesh Gautom, Geoff Melly, Brian Hiatt, Philip Dykema, Scott Lindquist, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Helen Y. Chu, Jay Shendure, Trevor Bedford
EPI_ISL_849596	Seattle Flu Study	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazier, Jover Lee, Benjamin Pelle, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, 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_849599, EPI_ISL_849615	Seattle Flu Study	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazier, Jover Lee, Benjamin Pelle, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, 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_849779, EPI_ISL_849868	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin L. Young, Kelly F. Oakeson, Tara Gallagher
EPI_ISL_849949	UC Davis- Department of Pathology and Laboratory Medicine	Chan-Zuckerberg Biohub	CZB Ciahub Consortium
EPI_ISL_849957, EPI_ISL_849986	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Ciahub Consortium
EPI_ISL_850027, EPI_ISL_850038, EPI_ISL_850039, EPI_ISL_850041, EPI_ISL_850043, EPI_ISL_850049, EPI_ISL_850067, EPI_ISL_850070, EPI_ISL_850076, EPI_ISL_850077, EPI_ISL_850081, EPI_ISL_850082, EPI_ISL_850098, EPI_ISL_850122, EPI_ISL_850147, EPI_ISL_850148, EPI_ISL_850150, EPI_ISL_850156, EPI_ISL_850168			

see above	Renegade	Chan-Zuckerberg Biohub	CZB Cihab Consortium
EPI_ISL_850190	Division of Emerging Infectious Diseases, Bureau of Infectious Diseases Diagnosis Control, Korea Disease Control and Prevention Agency	Division of Emerging Infectious Diseases, Bureau of Infectious Diseases Diagnosis Control, Korea Disease Control and Prevention Agency	Ae Kyung Park, Il-Hwan Kim, Heui Man Kim, Jeong-Min Kim, Namjoo Lee, Chaeyoung Lee, Sang Hee Woo, Eun-Jin Kim
EPI_ISL_850546, EPI_ISL_850550, EPI_ISL_850595	Helix/Illumina	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dhvani Batra, Ben L. Rambo-Martin Eileen de Feo, Jan Antico, Christine Tran, Matthew Tolentino, Shannon Wickline, Kim Gietzen, Brad Sickler, Jingtao Liu, Eric Allen, Phil Febbo, Summer Galloway, Nicole L. Washington, Simon White, Geraint Levan, Kelly Schiabor Barrett, Elizabeth Cirulli, Alexandre Bolze, Ary Ascencio, Charlotte Rivera-Garcia, Ryan Cho, Jason Nguyen, Sherry Wang, Jimmy Ramirez, Tyler Cassens, Efrén Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_850740, EPI_ISL_850763, EPI_ISL_850835, EPI_ISL_850841, EPI_ISL_850868, EPI_ISL_850874, EPI_ISL_850893, EPI_ISL_850908, EPI_ISL_850910, EPI_ISL_850940	Helix / Illumina	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dhvani Batra, Ben L. Rambo-Martin Eileen de Feo, Jan Antico, Christine Tran, Matthew Tolentino, Shannon Wickline, Kim Gietzen, Brad Sickler, Jingtao Liu, Eric Allen, Phil Febbo, Summer Galloway, Nicole L. Washington, Simon White, Geraint Levan, Kelly Schiabor Barrett, Elizabeth Cirulli, Alexandre Bolze, Ary Ascencio, Charlotte Rivera-Garcia, Ryan Cho, Jason Nguyen, Sherry Wang, Jimmy Ramirez, Tyler Cassens, Efrén Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_850996, EPI_ISL_851026, EPI_ISL_851035, EPI_ISL_851037	Helix/Illumina	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dhvani Batra, Ben L. Rambo-Martin Eileen de Feo, Jan Antico, Christine Tran, Matthew Tolentino, Shannon Wickline, Kim Gietzen, Brad Sickler, Jingtao Liu, Eric Allen, Phil Febbo, Summer Galloway, Nicole L. Washington, Simon White, Geraint Levan, Kelly Schiabor Barrett, Elizabeth Cirulli, Alexandre Bolze, Ary Ascencio, Charlotte Rivera-Garcia, Ryan Cho, Jason Nguyen, Sherry Wang, Jimmy Ramirez, Tyler Cassens, Efrén Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_852827	Microbiology Lab	NBCC Sequencing Facility	Dr. Jeff Wrana
EPI_ISL_853301, EPI_ISL_853372	UPMC Clinical Microbiology Laboratory	Microbial Genome Sequencing Center; Microbial Genomic Epidemiology Laboratory	Mustapha M. Mustapha, Jane W. Marsh, Dan Snyder, Marissa P. Griffith, Stephanie L. Mitchell, Vatsala R. Srinivasa, Kady D. Waggle, Chinelo Ezeonwuku, Vaughn S. Cooper, Lee H. Harrison
EPI_ISL_853423, EPI_ISL_853438, EPI_ISL_853448, EPI_ISL_853449, EPI_ISL_853453, EPI_ISL_853456, EPI_ISL_853461, EPI_ISL_853467, EPI_ISL_853468, EPI_ISL_853469, EPI_ISL_853484, EPI_ISL_853505, EPI_ISL_853539, EPI_ISL_853561, EPI_ISL_853562, EPI_ISL_853563			
see above	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cihab Consortium
EPI_ISL_853652	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_853653, EPI_ISL_853655, EPI_ISL_853657, EPI_ISL_853675	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_853685, EPI_ISL_853687	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_853688	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_853689	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_853692, EPI_ISL_853695	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_853706, EPI_ISL_853707, EPI_ISL_853708, EPI_ISL_853715	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_854307, EPI_ISL_854309, EPI_ISL_854310, EPI_ISL_854316, EPI_ISL_854317, EPI_ISL_854318, EPI_ISL_854324, EPI_ISL_854331, EPI_ISL_854334, EPI_ISL_854338, EPI_ISL_854340, EPI_ISL_854341, EPI_ISL_854343, EPI_ISL_854347			
see above	URMC LABS	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_854351, EPI_ISL_854369	BIO-REFERENCE LABORATORIES	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_854394	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_854409, EPI_ISL_854410, EPI_ISL_854415, EPI_ISL_854423, EPI_ISL_854427	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_854441	SARATOGA HOSPITAL LABORATORY	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_854668	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, Matthew Watson, Andre Villegas, Sandra Zittermann
EPI_ISL_854856, EPI_ISL_854858, EPI_ISL_854865, EPI_ISL_854892, EPI_ISL_854903, EPI_ISL_854934, EPI_ISL_854970, EPI_ISL_854973, EPI_ISL_855041, EPI_ISL_855056, EPI_ISL_855081, EPI_ISL_855082, EPI_ISL_855088, EPI_ISL_855094, EPI_ISL_855095, EPI_ISL_855131, EPI_ISL_855159			
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_856991	The Ashley Laboratory, Stanford University	Chan-Zuckerberg Biohub	CZB Cihab Consortium
EPI_ISL_857065, EPI_ISL_857072	DOHMH PHL	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857075	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857077	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857104	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857116	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857140	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857145, EPI_ISL_857146	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857157, EPI_ISL_857161, EPI_ISL_857162	DOHMH PHL	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857165	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857209	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857226	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857227	DOHMH Riverside	New York City Public Health Laboratory	Jade Wang, et al.

EPI_ISL_857229	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857234, EPI_ISL_857235, EPI_ISL_857236, EPI_ISL_857237, EPI_ISL_857243, EPI_ISL_857244, EPI_ISL_857246, EPI_ISL_857247, EPI_ISL_857248, EPI_ISL_857249, EPI_ISL_857250			
see above	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857261, EPI_ISL_857262	DOHMH Chelsea	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857269, EPI_ISL_857270, EPI_ISL_857276	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857282	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857295, EPI_ISL_857305	OCME Office Of Chief Medical Examiner	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_860110, EPI_ISL_860111	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_860937, EPI_ISL_860946, EPI_ISL_860952, EPI_ISL_860989, EPI_ISL_860995, EPI_ISL_860998, EPI_ISL_860999, EPI_ISL_861001, EPI_ISL_861014, EPI_ISL_861018, EPI_ISL_861026, EPI_ISL_861037, EPI_ISL_861041, EPI_ISL_861044, EPI_ISL_861069, EPI_ISL_861073, EPI_ISL_861080, EPI_ISL_861081			
see above	Johns Hopkins Hospital Department of Pathology	Johns Hopkins Hospital Department of Pathology	C. Paul Morris, Chun Huai Luo, Adannaya Amadi, Nicholas Gallagher, Heba H. Mostafa
EPI_ISL_861118, EPI_ISL_861120	New York Presbyterian Hospital	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_861134	KALEIDA CENTER FOR LABORATORY MEDICINE	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_861135, EPI_ISL_861136, EPI_ISL_861139, EPI_ISL_861140	ADIRONDACK MEDICAL CENTER	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_861148, EPI_ISL_861151, EPI_ISL_861169	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_861191	NORTH SHORE UNIVERSITY HOSPITAL	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_861201, EPI_ISL_861203, EPI_ISL_861208	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_861218, EPI_ISL_861220	BIO-REFERENCE LABORATORIES	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_861250, EPI_ISL_861277, EPI_ISL_861279, EPI_ISL_861314, EPI_ISL_861318, EPI_ISL_861325	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_861334, EPI_ISL_861354, EPI_ISL_861356, EPI_ISL_861404	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_861414, EPI_ISL_861416, EPI_ISL_861418	NORTH SHORE UNIVERSITY HOSPITAL	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_861942, EPI_ISL_861946, EPI_ISL_861993, EPI_ISL_862021, EPI_ISL_862029	OHSU Lab Services Molecular Microbiology Lab	Oregon SARS-CoV-2 Genome Sequencing Center	Brendan L. O'Connell, Sally Grindstaff, Kayla Carter, Ruth V. Nichols, Alec J. Hirsch, Donna Hansel, Guang Fan, Xuan Qin, Daniel N. Streblow, William B. Messer, Andrew C. Adey, Benjamin N. Bimber, Brian J. O'Roak
EPI_ISL_862701	New Mexico Department of Health Scientific Laboratory	New Mexico Department of Health Scientific Laboratory	D'eldra Malone, Ellie Johnson, Anastacia Griego-Fisher
EPI_ISL_862742	Utah Public Health Laboratory, Utah Public Health Laboratory Infectious Disease submission group	Utah Public Health Laboratory, Utah Public Health Laboratory Infectious Disease submission group	Young,E.L., Oakeson,K.F., Gallagher,T.
EPI_ISL_869189, EPI_ISL_872496, EPI_ISL_872506, EPI_ISL_872548, EPI_ISL_872558, EPI_ISL_872564	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_873185	Microbiology Division, South Carolina Department of Health and Environmental Control (SC DHEC)	Microbiology Division, South Carolina Department of Health and Environmental Control (SC DHEC)	Flores,H., Freeman,J.
EPI_ISL_873235, EPI_ISL_873251, EPI_ISL_873253, EPI_ISL_873265	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_876049, EPI_ISL_876051, EPI_ISL_876055, EPI_ISL_876068, EPI_ISL_876086, EPI_ISL_876102, EPI_ISL_876105, EPI_ISL_876107, EPI_ISL_876113, EPI_ISL_876119, EPI_ISL_876120, EPI_ISL_876121, EPI_ISL_876135, EPI_ISL_876138, EPI_ISL_876177, EPI_ISL_876192, EPI_ISL_876194, EPI_ISL_876195, EPI_ISL_876302, EPI_ISL_876319, EPI_ISL_876322, EPI_ISL_876323, EPI_ISL_876325			
see above	Massachusetts State Public Health Laboratory	Massachusetts State Public Health Laboratory	Andrew Lang, Timelia Fink, Glen Gallagher, Sandra Smole
EPI_ISL_876659, EPI_ISL_876665, EPI_ISL_876724	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_876827, EPI_ISL_876866, EPI_ISL_876872, EPI_ISL_876876, EPI_ISL_876930, EPI_ISL_877038, EPI_ISL_877039, EPI_ISL_877041, EPI_ISL_877052, EPI_ISL_877060, EPI_ISL_877075, EPI_ISL_877094, EPI_ISL_877112, EPI_ISL_877115			
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_877143, EPI_ISL_877182	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_878170, EPI_ISL_878183, EPI_ISL_878279, EPI_ISL_878361, EPI_ISL_878374, EPI_ISL_878387, EPI_ISL_878393, EPI_ISL_878418	San Diego County Public Health Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Tracy Basler, Jovan Shephard, Brett Austin
EPI_ISL_878544	Robert Garry lab	Andersen lab at Scripps Research	Allison Smither, Gilberto Sabino-Santos, Patricia Snarski, Lilia Melnik, Antoinette Bell, Kaylynn Genemaras, Arnaud Drouin, Dahlene Fusco, Robert Garry with SEARCH Alliance San Diego
EPI_ISL_878653, EPI_ISL_878786, EPI_ISL_878794	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_879926, EPI_ISL_879934, EPI_ISL_879942, EPI_ISL_879947, EPI_ISL_879953, EPI_ISL_879959, EPI_ISL_879975, EPI_ISL_879990, EPI_ISL_879995, EPI_ISL_880003, EPI_ISL_880017, EPI_ISL_880022			
see above	San Diego County Public Health Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Tracy Basler, Jovan Shephard, Brett Austin
EPI_ISL_880053	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_880176, EPI_ISL_880190	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_880220, EPI_ISL_880292, EPI_ISL_880310	Scripps Medical Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Michael Quigley, Ellen Stefanski, Ian Mchardy
EPI_ISL_882975	UCLA Clinical Micro Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_883030	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_883272	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_883329	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_883362	DOHMH PHL	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_883365, EPI_ISL_883366	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_883380	DOHMH PHL	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_883397, EPI_ISL_883398, EPI_ISL_883405, EPI_ISL_883406	OCME Office Of Chief Medical Examiner	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_883418, EPI_ISL_883421, EPI_ISL_883423	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_883449, EPI_ISL_883468, EPI_ISL_883482	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_883733, EPI_ISL_883737	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_884010, EPI_ISL_884021, EPI_ISL_884025, EPI_ISL_884028, EPI_ISL_884031	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_884033, EPI_ISL_884038, EPI_ISL_884039	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_884045, EPI_ISL_884051	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_884056, EPI_ISL_884057	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_884065, EPI_ISL_884068, EPI_ISL_884069, EPI_ISL_884076, EPI_ISL_884078, EPI_ISL_884082	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_884125	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_884228	Kansas Health and Environmental Lab	Kansas Health and Environmental Lab	Mike Grose, Paige Drury, Carissa Robertson, Ben Olsen, and Phil Adam
EPI_ISL_884388	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_884585, EPI_ISL_884670, EPI_ISL_884691, EPI_ISL_884726, EPI_ISL_884806	Respiratory Viruses Branch, Centers for Disease Control and Prevention	Respiratory Viruses Branch, Centers for Disease Control and Prevention	Cook,P.W., Batra,D., Rambo-Martin,B.L., de Feo,E., Antico,J., Tran,C., Tolentino,M., Wickline,S., Gietzen,K., Sickler,B., Liu,J., Allen,E., Febbo,P., Galloway,S., Washington,N.L., White,S., Levan,G., Barret,K.S., Cirulli,E., Bolze,A., Ascencio,A., Rivera-Garcia,C., Cho,R., Nguyen,J., Wang,S., Ramirez,J., Cassens,T., Sandoval,E., Isaksson,M., Lee,W., Becker,D., Laurent,M., Lu,J., Paden,C.R., Tong,S., MacCannell,D.
EPI_ISL_884883, EPI_ISL_884920, EPI_ISL_884934, EPI_ISL_884960, EPI_ISL_884964, EPI_ISL_885012	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_885127	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_885130	California Institute of Technology	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_886208, EPI_ISL_886216, EPI_ISL_886246, EPI_ISL_886779, EPI_ISL_886784, EPI_ISL_886788, EPI_ISL_886800, EPI_ISL_886801, EPI_ISL_886803, EPI_ISL_886804, EPI_ISL_886805, EPI_ISL_886807, EPI_ISL_886837, EPI_ISL_886906, EPI_ISL_886910, EPI_ISL_886964, EPI_ISL_886982, EPI_ISL_886997, EPI_ISL_887006, EPI_ISL_887007, EPI_ISL_887008, EPI_ISL_887009, EPI_ISL_887010, EPI_ISL_887011, EPI_ISL_887012, EPI_ISL_887013, EPI_ISL_887014, EPI_ISL_887015, EPI_ISL_887016, EPI_ISL_887017, EPI_ISL_887018, EPI_ISL_887019, EPI_ISL_887020, EPI_ISL_887021, EPI_ISL_887022, EPI_ISL_887023, EPI_ISL_887024, EPI_ISL_887026, EPI_ISL_887029, EPI_ISL_887085			
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_887518, EPI_ISL_887522, EPI_ISL_887528, EPI_ISL_887532, EPI_ISL_887548, EPI_ISL_887549, EPI_ISL_887551, EPI_ISL_887570, EPI_ISL_887578, EPI_ISL_887583, EPI_ISL_887586			
see above	Johns Hopkins Hospital Department of Pathology	Johns Hopkins Hospital Department of Pathology	C. Paul Morris, Chun Huai Luo, Adannaya Amadi, Matthew Schwartz, Nicholas Gallagher, Heba H. Mostafa
EPI_ISL_887601, EPI_ISL_887626, EPI_ISL_887627, EPI_ISL_887639, EPI_ISL_887652, EPI_ISL_887672, EPI_ISL_887769, EPI_ISL_887774, EPI_ISL_887785, EPI_ISL_887788, EPI_ISL_887869, EPI_ISL_887894, EPI_ISL_887994, EPI_ISL_887996, EPI_ISL_888016, EPI_ISL_888049, EPI_ISL_888069, EPI_ISL_888077, EPI_ISL_888080, EPI_ISL_888084, EPI_ISL_888139, EPI_ISL_888149, EPI_ISL_888151, EPI_ISL_888153, EPI_ISL_888160, EPI_ISL_888167, EPI_ISL_888176, EPI_ISL_888180, EPI_ISL_888197, EPI_ISL_888198, EPI_ISL_888218, EPI_ISL_888244, EPI_ISL_888250, EPI_ISL_888257, EPI_ISL_888276, EPI_ISL_888338, EPI_ISL_888340, EPI_ISL_888357, EPI_ISL_888367, EPI_ISL_888381, EPI_ISL_888385, EPI_ISL_888388, EPI_ISL_888392, EPI_ISL_888404, EPI_ISL_888413, EPI_ISL_888457, EPI_ISL_888460, EPI_ISL_888473, EPI_ISL_888513, EPI_ISL_888521, EPI_ISL_888542, EPI_ISL_888561, EPI_ISL_888572, EPI_ISL_888575, EPI_ISL_888577			
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_888802, EPI_ISL_888803	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_888946	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_890179	Ohio Department of Health Laboratory	Ohio Department of Health Laboratory	Holmes, Jennifer; Eric Brandt, Keoni Omura, Glen McGillivray, Caitlin McDonnell, Jade Mowery, Stephanie Mccracken, Tyler Payne, Kirtana Ramadugu, Erica Leasure, Brent Lee, Kelsey Florek, Heather Blankenship, Quanta Brown, and Tammy Bannerman
EPI_ISL_890907	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_891051	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_891093	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_891096, EPI_ISL_891103, EPI_ISL_891119	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 Waltnier, 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_891194	DPH, Massachusetts State Public Health Lab	DPH, Massachusetts State Public Health Lab	Lang,A.S., Fink,T., Gallagher,G.R., Smole,S.C.
EPI_ISL_893733	Pima County Health Department	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Yan Li, Anna Montmayeur, Ying Tao, Jing Zhang, Krista Queen, Anna Uehara, Brian Lynch, Rachel Marine, Peter Cook, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_896216	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_896219, EPI_ISL_896220, EPI_ISL_896221, EPI_ISL_896222, EPI_ISL_896223, EPI_ISL_896224, EPI_ISL_896228, EPI_ISL_896229, EPI_ISL_896230, EPI_ISL_896235	SUNY UPSTATE MEDICAL UNIVERSITY	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_896241, EPI_ISL_896243	Columbia University Irving Medical Center	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_896250, EPI_ISL_896251, EPI_ISL_896252, EPI_ISL_896254, EPI_ISL_896256, EPI_ISL_896257, EPI_ISL_896259, EPI_ISL_896263, EPI_ISL_896265, EPI_ISL_896266, EPI_ISL_896267, EPI_ISL_896273, EPI_ISL_896275, EPI_ISL_896276, EPI_ISL_896279, EPI_ISL_896280, EPI_ISL_896285, EPI_ISL_896288, EPI_ISL_896290, EPI_ISL_896291, EPI_ISL_896292			
see above	SUNY UPSTATE MEDICAL UNIVERSITY	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_896313, EPI_ISL_896314, EPI_ISL_896319, EPI_ISL_896334, EPI_ISL_896337	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_896355, EPI_ISL_896363	New York Presbyterian Hospital	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_896385, EPI_ISL_896397, EPI_ISL_896406, EPI_ISL_896408, EPI_ISL_896413, EPI_ISL_896420, EPI_ISL_896421	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_896424, EPI_ISL_896426, EPI_ISL_896429, EPI_ISL_896433, EPI_ISL_896434, EPI_ISL_896438, EPI_ISL_896439	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_896498	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_896508, EPI_ISL_896509, EPI_ISL_896510, EPI_ISL_896511, EPI_ISL_896512, EPI_ISL_896513, EPI_ISL_896514, EPI_ISL_896519	URMC LABS	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_896522	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_896527	New York Presbyterian Hospital	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_896546	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_896551	New York Presbyterian Hospital	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_896568	URMC LABS	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_897331	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_897751, EPI_ISL_897753	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_902927, EPI_ISL_902935, EPI_ISL_902939, EPI_ISL_902949	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_902997, EPI_ISL_902998, EPI_ISL_903000, EPI_ISL_903003	Seattle Flu Study	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Erica Ryke, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Jay Shendure, Trevor Bedford, Helen Y. Chu
EPI_ISL_903061, EPI_ISL_903101	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_903105	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_903190	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_903214	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_903287, EPI_ISL_903289	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_903392, EPI_ISL_903415, EPI_ISL_903480, EPI_ISL_903530	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_903583	HI Dept. of Health, State Laboratories Division	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_903584	OH Department of Health Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_903626	NM Dept. Health, Scientific Laboratory Division	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_903633	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, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_903678, EPI_ISL_903704	NJ Public Health and Environmental Laboratories	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_903728	LA Office of Public Health Laboratories	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_903735	NV State Public Health Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_903751	PA Department of Health, Bureau of Laboratories	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_903755	NM Dept. Health, Scientific Laboratory Division	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_903773	IN State Department of Health Laboratory Services	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_903820, EPI_ISL_903834	PA Department of Health, Bureau of Laboratories	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_903844	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, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_903848	MD DOH Laboratories Administration	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_903909	PA Department of Health, Bureau of Laboratories	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_904036, EPI_ISL_904037, EPI_ISL_904066, EPI_ISL_904090, EPI_ISL_904096, EPI_ISL_904099, EPI_ISL_904102	New Mexico Department of Health Scientific Laboratory	New Mexico Department of Health Scientific Laboratory	Ellie Johnson, Anastacia Griego-Fisher, D'eldra Malone
EPI_ISL_905790	UCLA Clinical Micro Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_905801, EPI_ISL_905804, EPI_ISL_905812, EPI_ISL_905825, EPI_ISL_905826, EPI_ISL_905869, EPI_ISL_905879, EPI_ISL_905976, EPI_ISL_906024	OHSU Lab Services Molecular Microbiology Lab	Oregon SARS-CoV-2 Genome Sequencing Center	Brendan L. O'Connell, Sally Grindstaff, Kayla Carter, Ruth V. Nichols, Alec J. Hirsch, Donna Hansel, Guang Fan, Xuan, Qin, Daniel N. Streblow, William B. Messer, Andrew C. Adey, Benjamin N. Bimber, Brian J. O'Roak
EPI_ISL_906198	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_906307, EPI_ISL_906350, EPI_ISL_906367, EPI_ISL_906450, EPI_ISL_906456, EPI_ISL_906458, EPI_ISL_906463	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_906887, EPI_ISL_906899	Bureau of Public Health Laboratories, Florida Department of Health (BPHL, FLDOH)	Bureau of Public Health Laboratories, Florida Department of Health (BPHL, FLDOH)	Schmedes,S., Blanton,J.
EPI_ISL_906930, EPI_ISL_907023, EPI_ISL_907042, EPI_ISL_907067	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_911477, EPI_ISL_911480	Houston Health Dept.	Houston Health Dept.	Ryker Penn, Pamela Brown, Adolpho Lara
EPI_ISL_911594	Clinical Molecular Microbiology Laboratory, UNC Hospitals	Jeremy Wang	Jeremy Wang, Alexander Rubinstein, Colleen Rice, Jason Smedberg, Melissa Miller, Corbin Jones, Robert Hagan
EPI_ISL_911641, EPI_ISL_911651, EPI_ISL_911661	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_911772, EPI_ISL_911774, EPI_ISL_911776, EPI_ISL_911785, EPI_ISL_911813, EPI_ISL_911822, EPI_ISL_911833, EPI_ISL_911852, EPI_ISL_911862, EPI_ISL_911869, EPI_ISL_911873, EPI_ISL_911876, EPI_ISL_911896, EPI_ISL_911908			
see above	Johns Hopkins Hospital Department of Pathology	Johns Hopkins Hospital Department of Pathology	C. Paul Morris, Chun Huai Luo, Adannaya Amadi, Matthew Schwartz, Nicholas Gallagher, Heba H. Mostafa
EPI_ISL_911969	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_911980, EPI_ISL_912030, EPI_ISL_912109, EPI_ISL_912111, EPI_ISL_912133, EPI_ISL_912134, EPI_ISL_912139, EPI_ISL_912140, EPI_ISL_912143, EPI_ISL_912148, EPI_ISL_912150, EPI_ISL_912158, EPI_ISL_912159			
see above	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_913206	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_913563, EPI_ISL_913576	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_913856, EPI_ISL_913862, EPI_ISL_913891, EPI_ISL_913892, EPI_ISL_913898	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_913929, EPI_ISL_913937	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 Frago-so-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_914027	IL Department of Public Health Chicago Laboratory	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Yan Li, Jing Zhang, Krista Queen, Anna Uehara, Peter Cook, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_914522, EPI_ISL_914551	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_914644	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Department
EPI_ISL_914716, EPI_ISL_914718	Maryland Public Health Laboratory (MD PHL)	Maryland Public Health Laboratory (MD PHL)	Maryland Department of Health Laboratories Administration
EPI_ISL_914867	Kansas Health and Environmental Lab	Kansas Health and Environmental Lab	Mike Grose, Paige Drury, Carissa Robertson, Ben Olsen, and Phil Adam
EPI_ISL_915193, EPI_ISL_915266, EPI_ISL_915290, EPI_ISL_915307, EPI_ISL_915320, EPI_ISL_915340, EPI_ISL_915344, EPI_ISL_915348	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_917950	MD Laboratories	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_918158	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_918197, EPI_ISL_918207, EPI_ISL_918212, EPI_ISL_918213, EPI_ISL_918218, EPI_ISL_918219, EPI_ISL_918220, EPI_ISL_918226, EPI_ISL_918234, EPI_ISL_918236	Innovative Genomics Institute, UC Berkeley	Innovative Genomics Institute, UC Berkeley	Stacia Wyman, Haridha Shivram, Phil Frankino, Liana Lareau, Shana McDevitt, Justin Choi
EPI_ISL_925085	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_925139	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_925171	Virginia DCLS	Virginia DCLS	Virginia DCLS
EPI_ISL_925285	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_925516, EPI_ISL_925517, EPI_ISL_925518, EPI_ISL_925836, EPI_ISL_925837, EPI_ISL_930659	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_930666	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin L. Young, Kelly F. Oakeson, Tara Gallagher
EPI_ISL_930830	Monterey County Public Health Laboratory	Monterey County Public Health Laboratory	C. Anaya et al.,
EPI_ISL_931453, EPI_ISL_931462, EPI_ISL_931464, EPI_ISL_931487, EPI_ISL_931490	Maryland Public Health Laboratory (MD PHL)	Maryland Public Health Laboratory (MD PHL)	Maryland Department of Health Laboratories Administration
EPI_ISL_931583	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin L. Young, Kelly F. Oakeson, Tara Gallagher
EPI_ISL_933513, EPI_ISL_933525	Instituto Nacional de Medicina Genomica	Instituto Nacional de Medicina Genomica	Hidalgo-Miranda A, Mendoza-Vargas A, Reyes-Grajeda JP, Cisneros-Villanueva M, Cedro-Tanda A,Peñaloza-Figueroa F, Herrera-Montalvo LA
EPI_ISL_933559, EPI_ISL_933560, EPI_ISL_933561, EPI_ISL_933563, EPI_ISL_933583, EPI_ISL_933586, EPI_ISL_933601	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_933739, EPI_ISL_933742, EPI_ISL_933744, EPI_ISL_933749, EPI_ISL_933751, EPI_ISL_933753, EPI_ISL_933754, EPI_ISL_933755, EPI_ISL_933756, EPI_ISL_933757, EPI_ISL_933758, EPI_ISL_933759, EPI_ISL_933763			
see above	DPHL	Delaware Public Health Lab	Gregory Hovan
EPI_ISL_935015	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_935177	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_935517	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton

EPI_ISL_935701, EPI_ISL_935739, EPI_ISL_935742	Houston Health Dept.	Houston Health Dept.	Ryker Penn, Pamela Brown, Adolpho Lara
EPI_ISL_935974, EPI_ISL_935975, EPI_ISL_935977, EPI_ISL_935978, EPI_ISL_935982, EPI_ISL_935983, EPI_ISL_935988, EPI_ISL_935991	GLENS FALLS HOSPITAL LABORATORY	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_935995, EPI_ISL_935999, EPI_ISL_936000, EPI_ISL_936004, EPI_ISL_936005, EPI_ISL_936006, EPI_ISL_936008, EPI_ISL_936009, EPI_ISL_936011, EPI_ISL_936015, EPI_ISL_936017			
see above	SUNY UPSTATE MEDICAL UNIVERSITY	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_936028	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_936039	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_936054	ADIRONDACK MEDICAL CENTER	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_936062, EPI_ISL_936073, EPI_ISL_936074, EPI_ISL_936076	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_936160	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_936181	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_936210	Houston Health Dept.	Houston Health Dept.	Ryker Penn, Pamela Brown, Adolpho Lara
EPI_ISL_936213, EPI_ISL_936214, EPI_ISL_936215	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_936253, EPI_ISL_936268, EPI_ISL_936274, EPI_ISL_936282, EPI_ISL_936283, EPI_ISL_936290	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_936400, EPI_ISL_936420, EPI_ISL_936439, EPI_ISL_936443, EPI_ISL_936450, EPI_ISL_936451	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_936664, EPI_ISL_936683, EPI_ISL_936699, EPI_ISL_936714, EPI_ISL_936750, EPI_ISL_936751, EPI_ISL_936762, EPI_ISL_936768, EPI_ISL_936801, EPI_ISL_936825, EPI_ISL_936827, EPI_ISL_936833, EPI_ISL_936875, EPI_ISL_936904, EPI_ISL_936960, EPI_ISL_936977, EPI_ISL_936978, EPI_ISL_936980, EPI_ISL_937007, EPI_ISL_937009, EPI_ISL_937017			
see above	Northwestern Memorial Hospital	Ozer Lab	Ramon Lorenzo-Redondo, Lacy M. Simons, Chad J. Achenbach, Lawrence J. Jennings, Michael G. Ison, Judd F. Hultquist, Egon A. Ozer
EPI_ISL_937032, EPI_ISL_937060, EPI_ISL_937102	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_937121	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_937133	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_937158	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_937179	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_937222, EPI_ISL_937223	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_937243	OCME Office Of Chief Medical Examiner	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_937372	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin L. Young, Kelly F. Oakeson, Tara Gallagher
EPI_ISL_937390, EPI_ISL_937391	Maine Health and Environmental Testing Laboratory (Maine HETL)	Tewhey Lab, The Jackson Laboratory	Matluk,N., Dewey,H., Iosue,F., Barter,M., Lynch,R., Munger,H. and Tewhey,R.
EPI_ISL_940815	Houston Health Dept.	Houston Health Dept.	Ryker Penn, Pamela Brown, Adolpho Lara
EPI_ISL_940825, EPI_ISL_940826, EPI_ISL_940827, EPI_ISL_940829	Virginia DCLS	Virginia DCLS	Virginia DCLS
EPI_ISL_941306	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_941905, EPI_ISL_941918, EPI_ISL_941919, EPI_ISL_941920, EPI_ISL_941922, EPI_ISL_941923	Virginia DCLS	Virginia DCLS	Virginia DCLS
EPI_ISL_942152, EPI_ISL_942170	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Kelsey R. Florek, Abigail C. Shockey
EPI_ISL_942337, EPI_ISL_942373	MD PHL	MD PHL	Maryland Department of Health Laboratories Administration
EPI_ISL_942743, EPI_ISL_942779, EPI_ISL_942820	Gundersen Molecular Diagnostics Laboratory	Kabara Cancer Research Institute	Craig S. Richmond, Paraic A. Kenny
EPI_ISL_942906	Houston Health Dept.	Houston Health Dept.	Ryker Penn, Pamela Brown, Adolpho Lara
EPI_ISL_943682, EPI_ISL_943687, EPI_ISL_943709, EPI_ISL_943892, EPI_ISL_943920, EPI_ISL_943957	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin L. Young, Kelly F. Oakeson, Tara Gallagher
EPI_ISL_944603, EPI_ISL_944607	Connecticut Department of Public Health	Grubaugh Lab - Yale School of Public Health	Joseph Fauver, Tara Alpert, Anderson Brito, Mallory Breban, Anne Wyllie, Chantal Vogels, Mary Petrone, Annie Watkins, Chaney Kalinich, Isabel Ott, Nathan Grubaugh
EPI_ISL_944661	Department of Biochemistry, Cell and Molecular Biology, West African Centre for Cell Biology of Infectious Pathogens (WACCBIP), University of Ghana	Department of Biochemistry, Cell and Molecular Biology, West African Centre for Cell Biology of Infectious Pathogens (WACCBIP), University of Ghana	Morang'a,C.M., Ngoi,J.M., Quansah,E.B., Said,S., Amuzu,D.S., Asante,I., Bonney,J.H., Bonney,E., Odoom,J.K., Ndam,N.T., Tei-Maya,F., Adusei-Poku,M., Ofori-Boadu,L., Ampofo,W.K., Amenga-Etego,L.N., Quashie,P., Bediako,Y., Awandare,G.A.
EPI_ISL_953763, EPI_ISL_953765	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 Peugeot, Melyssa Elies, Deborah Penet, Keith Harshman, Ioannis Xenarios, Emmanouil Dermitzakis
EPI_ISL_954822, EPI_ISL_954877,	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_954970, EPI_ISL_955046, EPI_ISL_955053			
EPI_ISL_955125	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_955198	Instituto Nacional de Medicina Genomica	Instituto Nacional de Medicina Genomica	Hidalgo-Miranda A, Mendoza-Vargas A, Reyes-Grajeda JP, Cisneros-Villanueva M, Cedro-Tanda A,Peñaloza-Figueroa F, Herrera-Montalvo LA
EPI_ISL_955365	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_955396, EPI_ISL_955398, EPI_ISL_955399, EPI_ISL_955405, EPI_ISL_955411, EPI_ISL_955420	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_955444, EPI_ISL_955468	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_955574, EPI_ISL_955597, EPI_ISL_955603, EPI_ISL_955610	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_955667	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_955695, EPI_ISL_955714, EPI_ISL_955746, EPI_ISL_955754, EPI_ISL_955769, EPI_ISL_955770	Humboldt County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Ciiahub Consortium
EPI_ISL_955806	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_956333	Utah Public Health Laboratory, Utah Public Health Laboratory Infectious Disease submission group	Utah Public Health Laboratory, Utah Public Health Laboratory Infectious Disease submission group	Gallagher,T., Young,E.L., Oakeson,K.F.
EPI_ISL_956345	Houston Health Department, Disease Prevention and Control	Houston Health Department, Disease Prevention and Control	Penn,R., Brown,P., Lara,A.
EPI_ISL_959425, EPI_ISL_959443, EPI_ISL_959461	Servicio de Microbiologia, Hospital Universitario Son Espases	SeqCOVID-SPAIN consortium/IBV(CSIC)	Carla López-Causapé, Jordi Reina, Antonio Oliver and SeqCOVID-SPAIN consortium
EPI_ISL_960377	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_961107, EPI_ISL_961110, EPI_ISL_961111, EPI_ISL_961112, EPI_ISL_961113, EPI_ISL_961114, EPI_ISL_961116, EPI_ISL_961124, EPI_ISL_961126, EPI_ISL_961127, EPI_ISL_961129, EPI_ISL_961130			
see above	Delaware Public Health Laboratory	Delaware Public Health Lab	Gregory Hovan
EPI_ISL_961506	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_961906, EPI_ISL_961968, EPI_ISL_962147, EPI_ISL_962167	Illinois Department of Public Health	Gagnon Lab, Southern Illinois University	Keith Gagnon
EPI_ISL_962234, EPI_ISL_962249, EPI_ISL_962251, EPI_ISL_962258	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_962272, EPI_ISL_962301	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, Ryan Alexander, Daniel Bates, Rebecca Bruders, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Jay Shendure, Trevor Bedford, Helen Y. Chu
EPI_ISL_962308, EPI_ISL_962309, EPI_ISL_962347, EPI_ISL_962362	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_962368, EPI_ISL_962376	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_962505	UCLA Clinical Micro Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_962597, EPI_ISL_962643	Scripps Medical Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Michael Quigley, Ellen Stefanski, Ian Mchardy
EPI_ISL_962657, EPI_ISL_962662, EPI_ISL_962684, EPI_ISL_962689, EPI_ISL_962761	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_962779	San Diego County Public Health Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Tracy Basler, Jovan Shephard, Brett Austin
EPI_ISL_965109, EPI_ISL_965112	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Bailey Bowcutt, and Wanda Manley
EPI_ISL_965837, EPI_ISL_965838	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_965842	GA Department of Public Health	GA Department of Public Health	Stacy Reeves, Jonathan Edwards, Cynthia Dixey, Tonia Parrott
EPI_ISL_965892, EPI_ISL_965896, EPI_ISL_965898	Massachusetts State Public Health Laboratory	Massachusetts State Public Health Laboratory	Andrew Lang, Timelia Fink, Glen Gallagher, Sandra Smole
EPI_ISL_965962, EPI_ISL_965972	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_966099	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_966393, EPI_ISL_966402	OCME Office Of Chief Medical Examiner	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_966404	DOHMH PHL	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_966445	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_966457	OCME Office Of Chief Medical Examiner	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_966463	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.

EPI_ISL_966476, EPI_ISL_966477, EPI_ISL_966478	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_966485	OCME Office Of Chief Medical Examiner	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_966549	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_966606, EPI_ISL_966608, EPI_ISL_966657, EPI_ISL_966676, EPI_ISL_966704, EPI_ISL_966723, EPI_ISL_966859, EPI_ISL_966876, EPI_ISL_966888, EPI_ISL_966943, EPI_ISL_966946, EPI_ISL_966949, EPI_ISL_966995, EPI_ISL_967012, EPI_ISL_967029, EPI_ISL_967106, EPI_ISL_967167, EPI_ISL_967182, EPI_ISL_967224, EPI_ISL_967233, EPI_ISL_967245, EPI_ISL_967264, EPI_ISL_967279, EPI_ISL_967286, EPI_ISL_967313, EPI_ISL_967317, EPI_ISL_967323, EPI_ISL_967366, EPI_ISL_967403, EPI_ISL_967429, EPI_ISL_967446, EPI_ISL_967452			
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_967523, EPI_ISL_967525, EPI_ISL_967526, EPI_ISL_967527, EPI_ISL_967528, EPI_ISL_967529, EPI_ISL_967530, EPI_ISL_967532, EPI_ISL_967533, EPI_ISL_967534, EPI_ISL_967535, EPI_ISL_967536, EPI_ISL_967538, EPI_ISL_967539, EPI_ISL_967540, EPI_ISL_967541, EPI_ISL_967542, EPI_ISL_967543, EPI_ISL_967544, EPI_ISL_967545, EPI_ISL_967548, EPI_ISL_967549, EPI_ISL_967550, EPI_ISL_967551, EPI_ISL_967552, EPI_ISL_967553			
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_967554	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_967555, EPI_ISL_967556, EPI_ISL_967557, EPI_ISL_967558, EPI_ISL_967559, EPI_ISL_967560, EPI_ISL_967561, EPI_ISL_967562, EPI_ISL_967563, EPI_ISL_967564, EPI_ISL_967565, EPI_ISL_967566, EPI_ISL_967568, EPI_ISL_967569, EPI_ISL_967570, EPI_ISL_967571, EPI_ISL_967572, EPI_ISL_967573, EPI_ISL_967574, EPI_ISL_967575, EPI_ISL_967577, EPI_ISL_967578, EPI_ISL_967579, EPI_ISL_967580, EPI_ISL_967581, EPI_ISL_967582, EPI_ISL_967584, EPI_ISL_967585, EPI_ISL_967586, EPI_ISL_967587, EPI_ISL_967592, EPI_ISL_967593, EPI_ISL_967594, EPI_ISL_967595, EPI_ISL_967596, EPI_ISL_967597, EPI_ISL_967598, EPI_ISL_967600, EPI_ISL_967601, EPI_ISL_967602, EPI_ISL_967603, EPI_ISL_967604, EPI_ISL_967605, EPI_ISL_967606, EPI_ISL_967607, EPI_ISL_967608, EPI_ISL_967610, EPI_ISL_967611, EPI_ISL_967612, EPI_ISL_967613, EPI_ISL_967614, EPI_ISL_967615, EPI_ISL_967616, EPI_ISL_967618, EPI_ISL_967619, EPI_ISL_967620, EPI_ISL_967621, EPI_ISL_967622, EPI_ISL_967623, EPI_ISL_967624, EPI_ISL_967625, EPI_ISL_967626, EPI_ISL_967627, EPI_ISL_967628, EPI_ISL_967630, EPI_ISL_967631, EPI_ISL_967632, EPI_ISL_967633, EPI_ISL_967634, EPI_ISL_967635, EPI_ISL_967636, EPI_ISL_967637, EPI_ISL_967639, EPI_ISL_967640, EPI_ISL_967641, EPI_ISL_967643, EPI_ISL_967644, EPI_ISL_967645, EPI_ISL_967646, EPI_ISL_967647, EPI_ISL_967648, EPI_ISL_967649, EPI_ISL_967650, EPI_ISL_967651, EPI_ISL_967652, EPI_ISL_967656, EPI_ISL_967657, EPI_ISL_967658, EPI_ISL_967659, EPI_ISL_967660, EPI_ISL_967661, EPI_ISL_967663, EPI_ISL_967666, EPI_ISL_967667, EPI_ISL_967668, EPI_ISL_967669, EPI_ISL_967670			
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_967671	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_967672, EPI_ISL_967673, EPI_ISL_967674, EPI_ISL_967675, EPI_ISL_967676, EPI_ISL_967679, EPI_ISL_967680, EPI_ISL_967681, EPI_ISL_967682, EPI_ISL_967685, EPI_ISL_967686, EPI_ISL_967687, EPI_ISL_967688, EPI_ISL_967689, EPI_ISL_967690, EPI_ISL_967691, EPI_ISL_967692, EPI_ISL_967694, EPI_ISL_967695, EPI_ISL_967697, EPI_ISL_967698, EPI_ISL_967699, EPI_ISL_967701, EPI_ISL_967705, EPI_ISL_967706, EPI_ISL_967707, EPI_ISL_967708, EPI_ISL_967709, EPI_ISL_967715, EPI_ISL_967717, EPI_ISL_967718			
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_967719	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_967720, EPI_ISL_967722, EPI_ISL_967723, EPI_ISL_967724, EPI_ISL_967725, EPI_ISL_967727, EPI_ISL_967728, EPI_ISL_967729, EPI_ISL_967730, EPI_ISL_967731, EPI_ISL_967732, EPI_ISL_967733, EPI_ISL_967735, EPI_ISL_967737, EPI_ISL_967738, EPI_ISL_967739, EPI_ISL_967740, EPI_ISL_967741, EPI_ISL_967742, EPI_ISL_967743, EPI_ISL_967744, EPI_ISL_967747, EPI_ISL_967749, EPI_ISL_967750, EPI_ISL_967751, EPI_ISL_967752, EPI_ISL_967754, EPI_ISL_967758, EPI_ISL_967759, EPI_ISL_967760, EPI_ISL_967762, EPI_ISL_967763			
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_967767, EPI_ISL_967820, EPI_ISL_967844, EPI_ISL_967845	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_967946	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_967953	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_967958	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_967970	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_967972	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_967976	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_967981	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_967983, EPI_ISL_967997	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_968023	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_968067	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_968099, EPI_ISL_968102, EPI_ISL_968131	Houston Health Department, Disease Prevention and Control	Houston Health Department, Disease Prevention and Control	Penn,R., Brown,P., Lara,A.
EPI_ISL_968205, EPI_ISL_968206, EPI_ISL_968207	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_968350, EPI_ISL_968361, EPI_ISL_968438, EPI_ISL_970480, EPI_ISL_970610, EPI_ISL_974081, EPI_ISL_974082, EPI_ISL_974207, EPI_ISL_974252, EPI_ISL_974298, EPI_ISL_975591			
see above	BCCDC Public Health Laboratory	BCCDC Public Health Laboratory	Prystajczyk Natalie, Linda Hoang, Dan Fornika, John Tyson, Shannon Russell, Kim Macdonald, Kimia Kamelian, Ana Pacagnella, Corrinne Ng, Loretta

Janz, Robert Azana Terry Snutch, Mel Krajden			
EPI_ISL_976916, EPI_ISL_976925, EPI_ISL_976932	University of Massachusetts Medical School	Infectious Disease Program, Broad Institute of Harvard and MIT	Lemieux,J.E., Siddle,K.J., Ward,D., Ellison,R., Adams,G., Gladden-Young,A., Lagerborg,K., Rudy,M., DeRuff,K., Carter,A., Normandin,E., Bauer,M., Reilly,S., Tomkins-Tinch,C., Loreth,C., Chaluvasi,S., Birren,B.W., Gallagher,G., Smole,S., Park,D.J., MacInnis,B.L., and Sabeti,P.C.
EPI_ISL_976953, EPI_ISL_976993, EPI_ISL_977000, EPI_ISL_977013	Broad Institute Clinical Research Sequencing Platform	Infectious Disease Program, Broad Institute of Harvard and MIT	Lemieux,J.E., Siddle,K.J., Adams,G., Gladden-Young,A., Lagerborg,K., Rudy,M., DeRuff,K., Carter,A., Normandin,E., Bauer,M., Reilly,S., Tomkins-Tinch,C., Loreth,C., Chaluvasi,S., Birren,B.W., Gallagher,G., Smole,S., Park,D.J., MacInnis,B.L., and Sabeti,P.C.
EPI_ISL_977072	Rhode Island Department of Health	Infectious Disease Program, Broad Institute of Harvard and MIT	Lemieux,J.E., Siddle,K.J., Huard,R., King,E., Azevedo,K., Miller,A., Adams,G., Gladden-Young,A., Lagerborg,K., Rudy,M., DeRuff,K., Carter,A., Normandin,E., Bauer,M., Reilly,S., Tomkins-Tinch,C., Loreth,C., Chaluvasi,S., Birren,B.W., Gallagher,G., Smole,S., Park,D.J., MacInnis,B.L., and Sabeti,P.C.
EPI_ISL_977111	Massachusetts General Hospital	Infectious Disease Program, Broad Institute of Harvard and MIT	Lemieux,J.E., Siddle,K.J., Shaw,B., Adams,G., Pierce,V., Turbett,S., Anahtar,M., Branda,J., Slater,D., Harris,J., Lin,A.E., Gladden-Young,A., Lagerborg,K., Rudy,M., DeRuff,K., Carter,A., Normandin,E., Bauer,M., Reilly,S., Tomkins-Tinch,C., Loreth,C., Chaluvasi,S., Neumann,A., Cusick,C., Chapman,S.B., Gniirke,A., Flowers,K., Cerrato,F., Birren,B.W., Gallagher,G., Smole,S., Park,D.J., MacInnis,B.L., Ryan,E., LaRocque,R., Rosenberg,E. and Sabeti,P.C.
EPI_ISL_977128, EPI_ISL_977133	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., Chaluvasi,S., Birren,B.W., Gallagher,G., Smole,S., Park,D.J., MacInnis,B.L., and Sabeti,P.C.
EPI_ISL_977655	Caribbean Public Health Agency	Carrington Lab, Department of PreClinical Sciences, Building 36, First Floor Biochemistry Unit, Faculty of Medical Sciences, The University of the West Indies	Nikita S. D. Sahadeo, Arianne Brown-Jordan, Vernie Ramkissoon, Sarah Hill, Naresh Nandram, Avery Hinds, Kenneth George, Jerome Foster, Stanley Giddings, Karla Georges, Marsha Ivey, Rahul Naidu, Risha Singh, SueMin Nathaniel, Rajini Haraksingh, Jaya Jayaraman, Chinna Chinnadurai, Adesh Ramsbuhag, Nuno Faria, Oliver Pybus, Christopher Oura, Gabriel Escobar, Christine V. F. Carrington
EPI_ISL_977721, EPI_ISL_977725, EPI_ISL_977728, EPI_ISL_977731, EPI_ISL_977732, EPI_ISL_977733, EPI_ISL_977778, EPI_ISL_977779, EPI_ISL_977781, EPI_ISL_977788, EPI_ISL_977820, EPI_ISL_977838, EPI_ISL_977840, EPI_ISL_977841, EPI_ISL_977869			
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_977898, EPI_ISL_977899, EPI_ISL_977946, EPI_ISL_977953, EPI_ISL_978017, EPI_ISL_978019, EPI_ISL_978040, EPI_ISL_978045, EPI_ISL_978099, EPI_ISL_978104, EPI_ISL_978119			
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_978181, EPI_ISL_978188, EPI_ISL_978189, EPI_ISL_978191	Virginia Division of Consolidated Laboratory Services	Virginia Division of Consolidated Laboratory Services	Virginia DCLS
EPI_ISL_978292	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_978374, EPI_ISL_978375, EPI_ISL_978398, EPI_ISL_978402, EPI_ISL_978427, EPI_ISL_978434, EPI_ISL_978435, EPI_ISL_978436, EPI_ISL_978437, EPI_ISL_978438, EPI_ISL_978461, EPI_ISL_978477, EPI_ISL_978478, EPI_ISL_978481, EPI_ISL_978485, EPI_ISL_978486			
see above	Arizona State Public Health Laboratory	Arizona State Public Health Laboratory	Trung Huynh, Jessica Escobar, Katherine Fullerton, Nobuko Fukushima, Stacy White, Linda Getsinger, Victor Waddell
EPI_ISL_978601, EPI_ISL_978603, EPI_ISL_978671, EPI_ISL_978705, EPI_ISL_978726, EPI_ISL_978771, EPI_ISL_978776	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 Ciriulli,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_979011, EPI_ISL_979021, EPI_ISL_979040, EPI_ISL_979042, EPI_ISL_979047, EPI_ISL_979054, EPI_ISL_979073, EPI_ISL_979141	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_979167, EPI_ISL_979176, EPI_ISL_979191, EPI_ISL_979229, EPI_ISL_979237, EPI_ISL_979238, EPI_ISL_979240, EPI_ISL_979241	Humboldt County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_979335, EPI_ISL_979348	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	Karne A. Galán-Huerta, María F. Herrera-Saldivar, Natalia Martínez-Acuña, Sonia A. Lozano-Sepúlveda, Daniel Arellanos-Soto, Ana M. Rivas-Estilla, Samuel Buentello-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_979462, EPI_ISL_979495	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_979560, EPI_ISL_979588, EPI_ISL_979605, EPI_ISL_979622, EPI_ISL_979625, EPI_ISL_979626, EPI_ISL_979627, EPI_ISL_979628	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_979759, EPI_ISL_979760, EPI_ISL_979768, EPI_ISL_979784, EPI_ISL_979787, EPI_ISL_979797	Humboldt County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_980845, EPI_ISL_980932, EPI_ISL_980934	Innovative Genomics Institute, UC Berkeley	Innovative Genomics Institute, UC Berkeley	Stacia Wyman, Haridha Shivrarn, Phil Frankino, Liana Lareau
EPI_ISL_981085, EPI_ISL_981094, EPI_ISL_981107, EPI_ISL_981109, EPI_ISL_981131, EPI_ISL_981141, EPI_ISL_981145, EPI_ISL_981146, EPI_ISL_981169, EPI_ISL_981173, EPI_ISL_981174, EPI_ISL_981200			
see above	Johns Hopkins Hospital Department of Pathology	Johns Hopkins Hospital Department of Pathology	C. Paul Morris, Chun Huai Luo, Adannaya Amadi, Matthew Schwartz, Nicholas Gallagher, Heba H. Mostafa
EPI_ISL_981984	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_981998, EPI_ISL_982023	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_982042	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_982048	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_982055, EPI_ISL_982060, EPI_ISL_982066, EPI_ISL_982075, EPI_ISL_982076	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_982344, EPI_ISL_982358, EPI_ISL_982359, EPI_ISL_982384	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_982427, EPI_ISL_982428, EPI_ISL_982429, EPI_ISL_982430, EPI_ISL_982441, EPI_ISL_982446, EPI_ISL_982450	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_982512	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_982568, EPI_ISL_982655, EPI_ISL_982668, EPI_ISL_982686, EPI_ISL_982697, EPI_ISL_982702, EPI_ISL_982734	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_983117	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_983120, EPI_ISL_983122, EPI_ISL_983125	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_983139, EPI_ISL_983154, EPI_ISL_983163, EPI_ISL_983166	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_983253, EPI_ISL_983267, EPI_ISL_983272	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_983283	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_983288	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_983289, EPI_ISL_983292, EPI_ISL_983293, EPI_ISL_983303, EPI_ISL_983308, EPI_ISL_983309, EPI_ISL_983310, EPI_ISL_983315, EPI_ISL_983317, EPI_ISL_983319	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_983439, EPI_ISL_983440, EPI_ISL_983441, EPI_ISL_983442, EPI_ISL_983443, EPI_ISL_983444	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_983446	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_983447, EPI_ISL_983448, EPI_ISL_983450, EPI_ISL_983451, EPI_ISL_983453, EPI_ISL_983454, EPI_ISL_983457, EPI_ISL_983467, EPI_ISL_983472, EPI_ISL_983473, EPI_ISL_983479, EPI_ISL_983481, EPI_ISL_983484	see above	URMC LABS	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_983486, EPI_ISL_983491	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_983590	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_983662, EPI_ISL_983664, EPI_ISL_983672, EPI_ISL_983696	Vault Health	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_983699, EPI_ISL_983700, EPI_ISL_983701, EPI_ISL_983702, EPI_ISL_983704	Essentia Health-St. Mary's Medical Center	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_983777, EPI_ISL_983779, EPI_ISL_983793, EPI_ISL_983796, EPI_ISL_983808, EPI_ISL_983817, EPI_ISL_983818, EPI_ISL_983820, EPI_ISL_983824, EPI_ISL_983825, EPI_ISL_983826, EPI_ISL_983861, EPI_ISL_983862	see above	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_983870	TwinStrand Biosciences, Inc.	TwinStrand Biosciences, Inc.	Tan Li, Alexandra Golubeva, Lindsey N Williams, Daniel D Sommer, Charles C Valentine III
EPI_ISL_983905, EPI_ISL_984087, EPI_ISL_984088, EPI_ISL_984089, EPI_ISL_984090, EPI_ISL_984091, EPI_ISL_984121, EPI_ISL_984122, EPI_ISL_984123, EPI_ISL_984124, EPI_ISL_984125	see above	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Kelsey R. Florek, Abigail C. Shockey
EPI_ISL_984322, EPI_ISL_984327, EPI_ISL_984355, EPI_ISL_984361, EPI_ISL_984365, EPI_ISL_984375, EPI_ISL_984385, EPI_ISL_984393, EPI_ISL_984400, EPI_ISL_984404, EPI_ISL_984409, EPI_ISL_984420, EPI_ISL_984436, EPI_ISL_984437, EPI_ISL_984472, EPI_ISL_984488, EPI_ISL_984504, EPI_ISL_984511, EPI_ISL_984518, EPI_ISL_984532, EPI_ISL_984551, EPI_ISL_984558, EPI_ISL_984561, EPI_ISL_984564, EPI_ISL_984583	see above	California Department of Public Health	Charles Chiu, Xianding (Wayne) Deng, Candace Wang, Venice Servellita, Jill Hacker, Debra Wadford
EPI_ISL_984782, EPI_ISL_984789, EPI_ISL_984790, EPI_ISL_984793, EPI_ISL_984796, EPI_ISL_984813, EPI_ISL_984824, EPI_ISL_984826, EPI_ISL_984832, EPI_ISL_984839, EPI_ISL_984873, EPI_ISL_984925	see above	Pandemic Response Lab - NYC	Henry Lee, Michael Hammerling, Melissa Hopkins, Cybill del Castillo, William Ward, Pradeep Bugga, Haiping Hao, Jon Laurent
EPI_ISL_985247, EPI_ISL_985250, EPI_ISL_985252, EPI_ISL_985254, EPI_ISL_985262, EPI_ISL_985265, EPI_ISL_985266, EPI_ISL_985269, EPI_ISL_985287	Delaware Public Health Laboratory (DPHL)	Delaware Public Health Lab	Gregory Hovan
EPI_ISL_994833, EPI_ISL_994847, EPI_ISL_994861, EPI_ISL_994871, EPI_ISL_994916, EPI_ISL_994996, EPI_ISL_994997, EPI_ISL_995002, EPI_ISL_995066, EPI_ISL_995073, EPI_ISL_995122, EPI_ISL_995124, EPI_ISL_995141, EPI_ISL_995142, EPI_ISL_995159	see above	Pandemic Response Lab - NYC	Henry Lee, Michael Hammerling, Melissa Hopkins, Cybill del Castillo, William Ward, Pradeep Bugga, Haiping Hao, Jon Laurent