

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

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

Authors are sorted alphabetically.

Accession ID	Originating Laboratory	Submitting Laboratory	Authors
EPI_ISL_1036347	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_1038968	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_1041693, EPI_ISL_1041706, EPI_ISL_1041713, EPI_ISL_1041726, EPI_ISL_1041778, EPI_ISL_1041883	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_1053446	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_1060051, EPI_ISL_1060061, EPI_ISL_1060066, EPI_ISL_1060077, EPI_ISL_1060103, EPI_ISL_1060149	Innovative Genomics Institute, UC Berkeley	Innovative Genomics Institute, UC Berkeley	Stacia Wyman, Alison Ciling, Netravathi Krishnappa, Haridha Shivram, Phil Frankino, Liana Lareau
EPI_ISL_1061035	New South Wales Health Pathology Royal Prince Alfred Hospital	Microbiology RPAH	Foster, C.; Au, J.; Ruiz Silva, M.; Deveson, I.; Bull, R.; Van Hal, S.; Rawlinson, W.
EPI_ISL_1063907	Tampa General Hospital Esoteric Lab	Tampa General Hospital Esoteric Research & Development Lab	Grant Vestal, Deanna Becker, Dominic Uy, Vicki Healer, Amorce Lima, Suzane Silbert
EPI_ISL_1064733, EPI_ISL_1064734, EPI_ISL_1064735	Kansas Health and Environmental Lab	Kansas Health and Environmental Lab	Mike Grose, Paige Drury, Carissa Robertson, Ben Olsen, and Phil Adam
EPI_ISL_1064905	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1081221, EPI_ISL_1081255	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_1081306	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_1081332	IEH Laboratories and Consulting Group	IEH and ID Genomics	Veronika Tchesnokova, Hemantha Kulakesara, Lydia Larson, Kai Deng, Kirthi Kutumbaka, Hao Geng, Curtis Fowler, Mansour Samadpour, Evgeni Sokurenko
EPI_ISL_1085338	Hôpital Pitié-Salpêtrière	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky
EPI_ISL_1090262	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_1090277, EPI_ISL_1090311, EPI_ISL_1090358, EPI_ISL_1090406, EPI_ISL_1090410	Quest Diagnostics Incorporated	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1091950	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_1095489	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_1095709, EPI_ISL_1095710, EPI_ISL_1095711, EPI_ISL_1095713, EPI_ISL_1095714, EPI_ISL_1095721, EPI_ISL_1095722, EPI_ISL_1095724, EPI_ISL_1095729, EPI_ISL_1095734, EPI_ISL_1095744, EPI_ISL_1095745, EPI_ISL_1095746, EPI_ISL_1095747, EPI_ISL_1095748, EPI_ISL_1095749, EPI_ISL_1095750, EPI_ISL_1095751, EPI_ISL_1095752, EPI_ISL_1095753, EPI_ISL_1095754, EPI_ISL_1095760, EPI_ISL_1095763, EPI_ISL_1095764, EPI_ISL_1095784, EPI_ISL_1095786, EPI_ISL_1095787, EPI_ISL_1095788, EPI_ISL_1095789, EPI_ISL_1095792, EPI_ISL_1095793, EPI_ISL_1095800, EPI_ISL_1095801, EPI_ISL_1095802, EPI_ISL_1095803, EPI_ISL_1095804, EPI_ISL_1095806, EPI_ISL_1095813, EPI_ISL_1095814, EPI_ISL_1095828, EPI_ISL_1095832, EPI_ISL_1095833, EPI_ISL_1095839, EPI_ISL_1095841, EPI_ISL_1095847, EPI_ISL_1095849, EPI_ISL_1095853, EPI_ISL_1095856, EPI_ISL_1095858, EPI_ISL_1095859, EPI_ISL_1095860, EPI_ISL_1095864, EPI_ISL_1095865, EPI_ISL_1095869, EPI_ISL_1095872, EPI_ISL_1095873, EPI_ISL_1095880, EPI_ISL_1095881, EPI_ISL_1095882, EPI_ISL_1095884, EPI_ISL_1095888, EPI_ISL_1095894, EPI_ISL_1095906, EPI_ISL_1095907, EPI_ISL_1095910	Fulgent Genetics	Harry Gao, Mickey Li, John Gao, Joseph Fierro, Benafsh Sapra, Becky Tsai, Yan Meng, Doreen Ng, James Xie	
see above	Fulgent Genetics	Fulgent Genetics	Harry Gao, Mickey Li, John Gao, Joseph Fierro, Benafsh Sapra, Becky Tsai, Yan Meng, Doreen Ng, James Xie
EPI_ISL_1097631, EPI_ISL_1097634	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_1097772, EPI_ISL_1097780	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_1097787, EPI_ISL_1097897, EPI_ISL_1097982, EPI_ISL_1097984, EPI_ISL_1098025, EPI_ISL_1098040, EPI_ISL_1098402, EPI_ISL_1098434, EPI_ISL_1098520, EPI_ISL_1098521	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_1098612, EPI_ISL_1098614, EPI_ISL_1098615, EPI_ISL_1098616, EPI_ISL_1098618, EPI_ISL_1098619, EPI_ISL_1098620, EPI_ISL_1098621, EPI_ISL_1098623, EPI_ISL_1098624, EPI_ISL_1098625, EPI_ISL_1098626			
see above	UCLA Clinical Micro Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1098632, EPI_ISL_1098639, EPI_ISL_1098640	Los Angeles County PHL	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1107281	Originating lab: Wales Specialist Virology Centre Sequencing lab: Pathogen Genomics Unit	Public Health Wales Microbiology Cardiff Wales Specialist Virology Centre	Catherine Moore, Johnathan Evans, Laura Gifford, Malorie Perry, Simon Cottrell, Angela Marchbank, Alec Birchley, Alexander Adams, Amy Gaskin, Bree Gatica-Wilcox, Jason Coombes, Joel Southgate, Lauren Gilbert, Lee Graham, Nicole Pacchiariini, Sara Kumziene-Summerhayes, Sarah Taylor, Sophie Jones, Sara Rey, Matthew Bull, Joanne Watkins, Sally Corden, Tom Connor
EPI_ISL_1113814, EPI_ISL_1113816, EPI_ISL_1113825, EPI_ISL_1113878, EPI_ISL_1113915, EPI_ISL_1113975, EPI_ISL_1114015, EPI_ISL_1114025, EPI_ISL_1114053, EPI_ISL_1114065, EPI_ISL_1114099, EPI_ISL_1114137	Quest Diagnostics Incorporated	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
see above	Quest Diagnostics Incorporated	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1114230	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_1114231, EPI_ISL_1114233	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,

EPI_ISL_1114249, EPI_ISL_1114251, EPI_ISL_1114252, EPI_ISL_1114254	Washington State Department of Health	Seattle Flu Study	Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Jay Shendure, Trevor Bedford, Helen Y. Chu
EPI_ISL_1114261, EPI_ISL_1114262, EPI_ISL_1114263, EPI_ISL_1114264, EPI_ISL_1114265, EPI_ISL_1114266, EPI_ISL_1114268, EPI_ISL_1114269	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, 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_1114273	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_1114276	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_1114283, EPI_ISL_1114286, EPI_ISL_1114287, EPI_ISL_1114289	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_1114295, EPI_ISL_1114296, EPI_ISL_1114297, EPI_ISL_1114298, EPI_ISL_1114299, EPI_ISL_1114300, EPI_ISL_1114305, EPI_ISL_1114306, EPI_ISL_1114317, EPI_ISL_1114318, EPI_ISL_1114319, EPI_ISL_1114320, EPI_ISL_1114330, EPI_ISL_1114331, EPI_ISL_1114333, EPI_ISL_1114343, EPI_ISL_1114345, EPI_ISL_1114349, EPI_ISL_1114351	Altiis 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
see above	Altiis 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_1114383	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_1114498	Department of Health and Mental Hygiene Riverside	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1114511	Department of Homeless Services	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1114526	OCME Office Of Chief Medical Examiner	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1114532, EPI_ISL_1114544, EPI_ISL_1114553, EPI_ISL_1114555, EPI_ISL_1114567, EPI_ISL_1114571, EPI_ISL_1114588, EPI_ISL_1114612, EPI_ISL_1114638, EPI_ISL_1114640, EPI_ISL_1114642, EPI_ISL_1114652, EPI_ISL_1114656, EPI_ISL_1114658, EPI_ISL_1114662	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, J. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, 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, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, J. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1114714	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_1116505, EPI_ISL_1116542	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_1121018, EPI_ISL_1121019, EPI_ISL_1121027	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_1121114, EPI_ISL_1121115, EPI_ISL_1121116, EPI_ISL_1121118, EPI_ISL_1121121	Nebraska Public Health Laboratory	NPHL COVID-19 Response Team	NPHL COVID-19 Response Team
EPI_ISL_1121238	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_1121901	Department of Health & Mental Hygiene Fort Greene	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1121928	Department of Health & Mental Hygiene Chelsea	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1125719	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Aalborg University	Danish Covid-19 Genome Consortium
EPI_ISL_1132845, EPI_ISL_1132847, EPI_ISL_1132848, EPI_ISL_1132849, EPI_ISL_1132851, EPI_ISL_1132853, EPI_ISL_1132854, EPI_ISL_1132855, EPI_ISL_1132856, EPI_ISL_1132857, EPI_ISL_1132858, EPI_ISL_1132859, EPI_ISL_1132860, EPI_ISL_1132864, EPI_ISL_1132866, EPI_ISL_1132867, EPI_ISL_1132871, EPI_ISL_1132873, EPI_ISL_1132876, EPI_ISL_1132884, EPI_ISL_1132886, EPI_ISL_1132887, EPI_ISL_1132888, EPI_ISL_1132889, EPI_ISL_1132891, EPI_ISL_1132892, EPI_ISL_1132893, EPI_ISL_1132894, EPI_ISL_1132895, EPI_ISL_1132897, EPI_ISL_1132900, EPI_ISL_1132902, EPI_ISL_1132904, EPI_ISL_1132905, EPI_ISL_1132908, EPI_ISL_1132909, EPI_ISL_1132910, EPI_ISL_1132912, EPI_ISL_1132914	Fulgent Genetics	Fulgent Genetics	Harry Gao, Mickey Li, John Gao, Joseph Fierro, Benafsh Sapra, Becky Tsai, Yan Meng, Doreen Ng, James Xie
see above	Fulgent Genetics	Fulgent Genetics	Harry Gao, Mickey Li, John Gao, Joseph Fierro, Benafsh Sapra, Becky Tsai, Yan Meng, Doreen Ng, James Xie
EPI_ISL_1133960, EPI_ISL_1133964, EPI_ISL_1133975, EPI_ISL_1133981, EPI_ISL_1133994, EPI_ISL_1134005, EPI_ISL_1134011, EPI_ISL_1134019, EPI_ISL_1134047, EPI_ISL_1134056, EPI_ISL_1134058, EPI_ISL_1134063, EPI_ISL_1134099, EPI_ISL_1134280, EPI_ISL_1134297, EPI_ISL_1134299, EPI_ISL_1134315, EPI_ISL_1134323, EPI_ISL_1134325, EPI_ISL_1134338, EPI_ISL_1134351, EPI_ISL_1134371, EPI_ISL_1134389, EPI_ISL_1134399, EPI_ISL_1134400, EPI_ISL_1134404, EPI_ISL_1134407, EPI_ISL_1134412, EPI_ISL_1134533, EPI_ISL_1134558, EPI_ISL_1134563, EPI_ISL_1134568, EPI_ISL_1134574, EPI_ISL_1134582, EPI_ISL_1134594, EPI_ISL_1134596, EPI_ISL_1134649, EPI_ISL_1134654, EPI_ISL_1134656, EPI_ISL_1134664, EPI_ISL_1134670, EPI_ISL_1134687, EPI_ISL_1134695, EPI_ISL_1134704, EPI_ISL_1134716, EPI_ISL_1134730, EPI_ISL_1134740, EPI_ISL_1134751, EPI_ISL_1134784, EPI_ISL_1134816, EPI_ISL_1134818, EPI_ISL_1134822, EPI_ISL_1134823, EPI_ISL_1134835	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
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_1135079	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_1135857, EPI_ISL_1135905, EPI_ISL_1135953, EPI_ISL_1135988, EPI_ISL_1136077, EPI_ISL_1136161, EPI_ISL_1136162, EPI_ISL_1136163, EPI_ISL_1136164, EPI_ISL_1136165, EPI_ISL_1136166, EPI_ISL_1136167, EPI_ISL_1136171, EPI_ISL_1136175, EPI_ISL_1136176, EPI_ISL_1136185, EPI_ISL_1136186, EPI_ISL_1136189, EPI_ISL_1136387, EPI_ISL_1136389, EPI_ISL_1136390, EPI_ISL_1136402, EPI_ISL_1136406, EPI_ISL_1136407, EPI_ISL_1136408, EPI_ISL_1136409, EPI_ISL_1136410, EPI_ISL_1136415, EPI_ISL_1136416, EPI_ISL_1136418, EPI_ISL_1136419, EPI_ISL_1136421, EPI_ISL_1136429, EPI_ISL_1136430, EPI_ISL_1137263, EPI_ISL_1137265, EPI_ISL_1137266, EPI_ISL_1137267, EPI_ISL_1137268, EPI_ISL_1137271, EPI_ISL_1137272, EPI_ISL_1137273, EPI_ISL_1137274, EPI_ISL_1137275, EPI_ISL_1137277, EPI_ISL_1137280, EPI_ISL_1137283, EPI_ISL_1137284, EPI_ISL_1137286, EPI_ISL_1137302, EPI_ISL_1137303	Nevada State Public Health Laboratory	Nevada State Public Health Laboratory	Andrew Gorzalski, Mark Pandori
see above	Nevada State Public Health Laboratory	Nevada State Public Health Laboratory	Andrew Gorzalski, Mark Pandori
EPI_ISL_1137529, EPI_ISL_1137567, EPI_ISL_1137568	Clinical Molecular Microbiology Laboratory, UNC Hospitals	Jeremy Wang	Jeremy Wang, Alexander Rubinstein, Colleen Rice, Jason Smedberg, Shawn Hawken, Melissa Miller, Corbin Jones, Robert Hagan
EPI_ISL_1137647	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Department
EPI_ISL_1139180, EPI_ISL_1139190, EPI_ISL_1139195, EPI_ISL_1139199, EPI_ISL_1139200, EPI_ISL_1139225, EPI_ISL_1139251, EPI_ISL_1139252, EPI_ISL_1139263, EPI_ISL_1139265, EPI_ISL_1139268, EPI_ISL_1139291, EPI_ISL_1139322, EPI_ISL_1139334, EPI_ISL_1139338, EPI_ISL_1139342, EPI_ISL_1139343,			

EPI_ISL_1139351, EPI_ISL_1139364, EPI_ISL_1139484, EPI_ISL_1139505, EPI_ISL_1139515, EPI_ISL_1139590, EPI_ISL_1139591, EPI_ISL_1139599, EPI_ISL_1139611, EPI_ISL_1139616, EPI_ISL_1139634, EPI_ISL_1139637, EPI_ISL_1139658, EPI_ISL_1139659, EPI_ISL_1139662, EPI_ISL_1139670, EPI_ISL_1139672, EPI_ISL_1139675, EPI_ISL_1139676, EPI_ISL_1139679, EPI_ISL_1139681, EPI_ISL_1139686, EPI_ISL_1139708, EPI_ISL_1139711, EPI_ISL_1139718, EPI_ISL_1139719, EPI_ISL_1139730, EPI_ISL_1139741, EPI_ISL_1139742, EPI_ISL_1139747, EPI_ISL_1139748, EPI_ISL_1139760, EPI_ISL_1139764, EPI_ISL_1139767, EPI_ISL_1139768, EPI_ISL_1139781, EPI_ISL_1139785, EPI_ISL_1139796, EPI_ISL_1139805, EPI_ISL_1139810, EPI_ISL_1139811, EPI_ISL_1139812, EPI_ISL_1139813, EPI_ISL_1139814, EPI_ISL_1139815, EPI_ISL_1139817, EPI_ISL_1139819, EPI_ISL_1139822, EPI_ISL_1139825, EPI_ISL_1139828			
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_1158047, EPI_ISL_1158048, EPI_ISL_1158068, EPI_ISL_1158280, EPI_ISL_1158281, EPI_ISL_1158299, EPI_ISL_1158317, EPI_ISL_1158342	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_1158929, EPI_ISL_1158931, EPI_ISL_1158972, EPI_ISL_1158979, EPI_ISL_1158994, EPI_ISL_1159004, EPI_ISL_1159015, EPI_ISL_1159022, EPI_ISL_1159048, EPI_ISL_1159058, EPI_ISL_1159063, EPI_ISL_1159068			
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_1159233, EPI_ISL_1159239, EPI_ISL_1159255, EPI_ISL_1159271, EPI_ISL_1159276, EPI_ISL_1159284, EPI_ISL_1159306, EPI_ISL_1159310, EPI_ISL_1159319, EPI_ISL_1159323, EPI_ISL_1159330, EPI_ISL_1159331, EPI_ISL_1159332			
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_1159397	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_1159401, EPI_ISL_1159408, EPI_ISL_1159409, EPI_ISL_1159412, EPI_ISL_1159426, EPI_ISL_1159427, EPI_ISL_1159447, EPI_ISL_1159451, EPI_ISL_1159460, EPI_ISL_1159471, EPI_ISL_1159483, EPI_ISL_1159484, EPI_ISL_1159490, EPI_ISL_1159506, EPI_ISL_1159509, EPI_ISL_1159512, EPI_ISL_1159517, EPI_ISL_1159521, EPI_ISL_1159523, EPI_ISL_1159528, EPI_ISL_1159544, EPI_ISL_1159549, EPI_ISL_1159551, EPI_ISL_1159614, EPI_ISL_1159618, EPI_ISL_1159642, EPI_ISL_1159670, EPI_ISL_1159681			
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_1159827, EPI_ISL_1159858, EPI_ISL_1159864, EPI_ISL_1159869	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Kelsey R. Florek, Abigail C. Shockey
EPI_ISL_1159902, EPI_ISL_1159903, EPI_ISL_1159921, EPI_ISL_1159936, EPI_ISL_1159938, EPI_ISL_1159961, EPI_ISL_1159994, EPI_ISL_1160013, EPI_ISL_1160014, EPI_ISL_1160015, EPI_ISL_1160020, EPI_ISL_1160021, EPI_ISL_1160035, EPI_ISL_1160036, EPI_ISL_1160042, EPI_ISL_1160044, EPI_ISL_1160046, EPI_ISL_1160069, EPI_ISL_1160070, EPI_ISL_1160071, EPI_ISL_1160082, EPI_ISL_1160088, EPI_ISL_1160089, EPI_ISL_1160093, EPI_ISL_1160100, EPI_ISL_1160113, EPI_ISL_1160114, EPI_ISL_1160115, EPI_ISL_1160162, EPI_ISL_1160179, EPI_ISL_1160191, EPI_ISL_1160206, EPI_ISL_1160244, EPI_ISL_1160249, EPI_ISL_1160265, EPI_ISL_1160326, EPI_ISL_1160372, EPI_ISL_1160382, EPI_ISL_1160390, EPI_ISL_1160393, EPI_ISL_1160404, EPI_ISL_1160410, EPI_ISL_1160411, EPI_ISL_1160416, EPI_ISL_1160425, EPI_ISL_1160438, EPI_ISL_1160445, EPI_ISL_1160448, EPI_ISL_1160458, EPI_ISL_1160502, EPI_ISL_1160508, EPI_ISL_1160511, EPI_ISL_1160519, EPI_ISL_1160527, EPI_ISL_1160569, EPI_ISL_1160571, EPI_ISL_1160583, EPI_ISL_1160616, EPI_ISL_1160663, EPI_ISL_1160688, EPI_ISL_1160689, EPI_ISL_1160714, EPI_ISL_1160744, EPI_ISL_1160745, EPI_ISL_1160780, EPI_ISL_1160796, EPI_ISL_1160807, EPI_ISL_1160840, EPI_ISL_1160873, EPI_ISL_1160880, EPI_ISL_1160882, EPI_ISL_1160884, EPI_ISL_1160885, EPI_ISL_1160898, EPI_ISL_1160899, EPI_ISL_1160923, EPI_ISL_1160924, EPI_ISL_1160927, EPI_ISL_1160953, EPI_ISL_1160979, EPI_ISL_1160980, EPI_ISL_1160995, EPI_ISL_1161010, EPI_ISL_1161044, EPI_ISL_1161119, EPI_ISL_1161143, EPI_ISL_1161164, EPI_ISL_1161182, EPI_ISL_1161201, EPI_ISL_1161236, EPI_ISL_1161250, EPI_ISL_1161269, EPI_ISL_1161270, EPI_ISL_1161276, EPI_ISL_1161286, EPI_ISL_1161287, EPI_ISL_1161303, EPI_ISL_1161304, EPI_ISL_1161305, EPI_ISL_1161308, EPI_ISL_1161309, EPI_ISL_1161312, EPI_ISL_1161315, EPI_ISL_1161317, EPI_ISL_1161321, EPI_ISL_1161333, EPI_ISL_1161335, EPI_ISL_1161336, EPI_ISL_1161341, EPI_ISL_1161342, EPI_ISL_1161343, EPI_ISL_1161346, EPI_ISL_1161347, EPI_ISL_1161351, EPI_ISL_1161357, EPI_ISL_1161358, EPI_ISL_1161378, EPI_ISL_1161397, EPI_ISL_1161426, EPI_ISL_1161999, EPI_ISL_1162034, EPI_ISL_1162259, EPI_ISL_1162520, EPI_ISL_1162571, EPI_ISL_1162664, EPI_ISL_1162976, EPI_ISL_1162984, EPI_ISL_1163005, EPI_ISL_1163422, EPI_ISL_1163435, EPI_ISL_1163483, EPI_ISL_1163499			
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 Williams, Qian Zeng, Tricia Zwiefelhofer, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1163595, EPI_ISL_1163596, EPI_ISL_1163610, EPI_ISL_1163631, EPI_ISL_1163661	Maine HETL	Tewhey Lab, The Jackson Laboratory	Matluk,N., Dewey,H., Iosue,F., Barter,M., Lynch,R., Munger,H. and Tewhey,R.
EPI_ISL_1163869, EPI_ISL_1164181	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_1164362, EPI_ISL_1164368, EPI_ISL_1164369, EPI_ISL_1164370, EPI_ISL_1164376, EPI_ISL_1164377, EPI_ISL_1164381, EPI_ISL_1164382, EPI_ISL_1164383, EPI_ISL_1164384, EPI_ISL_1164385, EPI_ISL_1164386, EPI_ISL_1164387, EPI_ISL_1164390, EPI_ISL_1164391, EPI_ISL_1164399, EPI_ISL_1164401, EPI_ISL_1164413, EPI_ISL_1164415, EPI_ISL_1164418, EPI_ISL_1164432, EPI_ISL_1164434, EPI_ISL_1164438			
see above	Fulgent Genetics	Fulgent Genetics	Harry Gao, Mickey Li, John Gao, Joseph Fierro, Benafsh Sapra, Becky Tsai, Yan Meng, Doreen Ng, James Xie
EPI_ISL_1164777	School of Pharmacy, Shenandoah University	School of Pharmacy, Shenandoah University	Matthew C.Burns, Aimee Ceniseros, Robert L. Voermans, Christopher Ball"
EPI_ISL_1164809, EPI_ISL_1164812	Idaho Bureau of Laboratories	IBL	
EPI_ISL_1164915	LSUHS Emerging Viral Threat Laboratory	Microbial Genome Sequencing Center	Jeremy P. Kamil, Jennifer L. Carroll, Rona S. Scott, Maarten Van Diest, Andrew D. Yurochko, Christopher G. Kevil, Daniel J. Snyder, Vaughn S. Cooper, John A. Vanchiere
EPI_ISL_1166121, EPI_ISL_1166196	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_1166865, EPI_ISL_1166884, EPI_ISL_1166887, EPI_ISL_1166889	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_1167274, EPI_ISL_1167276	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_1169629, EPI_ISL_1169642, EPI_ISL_1169675, EPI_ISL_1169780, EPI_ISL_1169782, EPI_ISL_1169783, EPI_ISL_1169786, EPI_ISL_1169787, EPI_ISL_1169791, EPI_ISL_1169793, EPI_ISL_1169799, EPI_ISL_1169800, EPI_ISL_1169801, EPI_ISL_1169811			
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_1169819, EPI_ISL_1169827, EPI_ISL_1169845	Nevada State Public Health Laboratory	Nevada State Public Health Laboratory	Andrew Gorzalski, Mark Pandori
EPI_ISL_1171833	Johns Hopkins Hospital Department of Pathology	Johns Hopkins Hospital Department of Pathology	C. Paul Morris, Chun Hui Luo, Adannaya Amadi, Matthew Schwartz, Nicholas Gallagher, Heba H. Mostafa
EPI_ISL_1172046, EPI_ISL_1172073, EPI_ISL_1172074, EPI_ISL_1172075, EPI_ISL_1172076, EPI_ISL_1172077, EPI_ISL_1172081, EPI_ISL_1172083, EPI_ISL_1172087, EPI_ISL_1172092, EPI_ISL_1172094, EPI_ISL_1172095, EPI_ISL_1172104			
see above	Fulgent Genetics	Fulgent Genetics	Harry Gao, Mickey Li, John Gao, Joseph Fierro, Benafsh Sapra, Becky Tsai, Yan Meng, Doreen Ng, James Xie
EPI_ISL_1172119, EPI_ISL_1172120, EPI_ISL_1172198, EPI_ISL_1172350, EPI_ISL_1172364, EPI_ISL_1172466, EPI_ISL_1172484, EPI_ISL_1172547, EPI_ISL_1172568, EPI_ISL_1172629, EPI_ISL_1172631, EPI_ISL_1172632, EPI_ISL_1172845, EPI_ISL_1172999, EPI_ISL_1173000, EPI_ISL_1173050, EPI_ISL_1173121, EPI_ISL_1173155, EPI_ISL_1173158			
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_1180970, EPI_ISL_1180983, EPI_ISL_1180990, EPI_ISL_1180992, EPI_ISL_1180994, EPI_ISL_1181004, EPI_ISL_1181008, EPI_ISL_1181009, EPI_ISL_1181011, EPI_ISL_1181012, EPI_ISL_1181016, EPI_ISL_1181018, EPI_ISL_1181023, EPI_ISL_1181026, EPI_ISL_1181030, EPI_ISL_1181051, EPI_ISL_1181052, EPI_ISL_1181054, EPI_ISL_1181055, EPI_ISL_1181060, EPI_ISL_1181066, EPI_ISL_1181067, EPI_ISL_1181068, EPI_ISL_1181072, EPI_ISL_1181075, EPI_ISL_1181079, EPI_ISL_1181080, EPI_ISL_1181082, EPI_ISL_1181084			
see above	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Shah Mohamed Bakhsh, Michelle Lin, Noah Baker, Sean Ellis, Saraswathi Sathees, Meei-Li Huang,

EPI_ISL_1181906	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Keith R Jerome, Alexander Greninger
EPI_ISL_1182446, EPI_ISL_1182451	TGen North	TGen North	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_1182466, EPI_ISL_1182472, EPI_ISL_1182478, EPI_ISL_1182486, EPI_ISL_1182492, EPI_ISL_1182496, EPI_ISL_1182497, EPI_ISL_1182499, EPI_ISL_1182501, EPI_ISL_1182513, EPI_ISL_1182522, EPI_ISL_1182525			
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_1182536	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_1182657, EPI_ISL_1182661	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_1182695, EPI_ISL_1182699, EPI_ISL_1182700, EPI_ISL_1182705, EPI_ISL_1182706, EPI_ISL_1182707, EPI_ISL_1182708, EPI_ISL_1182710, EPI_ISL_1182712, EPI_ISL_1182713, EPI_ISL_1182729, EPI_ISL_1182730, EPI_ISL_1182740, EPI_ISL_1182756, EPI_ISL_1182770, EPI_ISL_1182790, EPI_ISL_1182802			
see above	Alaska State Virology Laboratory	Alaska State Virology Laboratory	Stephanie DeRonde, Lisa Smith, Ph.D., Jack Chen, Ph.D.
EPI_ISL_1183957, EPI_ISL_1183959, EPI_ISL_1183962, EPI_ISL_1183964, EPI_ISL_1183969, EPI_ISL_1183970, EPI_ISL_1183972, EPI_ISL_1183975, EPI_ISL_1183982, EPI_ISL_1183983, EPI_ISL_1183988, EPI_ISL_1183990, EPI_ISL_1183991, EPI_ISL_1183992			
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_1184155, EPI_ISL_1184156, EPI_ISL_1184163, EPI_ISL_1184164, EPI_ISL_1184165, EPI_ISL_1184166	Virginia Division of Consolidated Laboratory Services	Virginia Division of Consolidated Laboratory Services	Virginia DCLS
EPI_ISL_1184221	Vault Health	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1184233	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1186030, EPI_ISL_1186031, EPI_ISL_1186032, EPI_ISL_1186039, EPI_ISL_1186062, EPI_ISL_1186065	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_1191109	Los Angeles County PHL	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1191112, EPI_ISL_1191114, EPI_ISL_1191115, EPI_ISL_1191116, EPI_ISL_1191118, EPI_ISL_1191121, EPI_ISL_1191127, EPI_ISL_1191128	UCLA Clinical Micro Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1192363	City of Hope Comprehensive Cancer Center	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1192364	Huntington Memorial Hospital	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1193375, EPI_ISL_1193378, EPI_ISL_1193379, EPI_ISL_1193380, EPI_ISL_1193385, EPI_ISL_1193386, EPI_ISL_1193392, EPI_ISL_1193394, EPI_ISL_1193395, EPI_ISL_1193397, EPI_ISL_1193400, EPI_ISL_1193405, EPI_ISL_1193411, EPI_ISL_1193413, EPI_ISL_1193414, EPI_ISL_1193416, EPI_ISL_1193417, EPI_ISL_1193426, EPI_ISL_1193430, EPI_ISL_1193436, EPI_ISL_1193438, EPI_ISL_1193439, EPI_ISL_1193442, EPI_ISL_1193444, EPI_ISL_1193457, EPI_ISL_1193464, EPI_ISL_1193466, EPI_ISL_1193482, EPI_ISL_1193487, EPI_ISL_1193494, EPI_ISL_1193495, EPI_ISL_1193498, EPI_ISL_1193502, EPI_ISL_1193503, EPI_ISL_1193504, EPI_ISL_1193505, EPI_ISL_1193511, EPI_ISL_1193512, EPI_ISL_1193514, EPI_ISL_1193515, EPI_ISL_1193524, EPI_ISL_1193525, EPI_ISL_1193526, EPI_ISL_1193527, EPI_ISL_1193534, EPI_ISL_1193535, EPI_ISL_1193547, EPI_ISL_1193562, EPI_ISL_1193564, EPI_ISL_1193570, EPI_ISL_1193576, EPI_ISL_1193579, EPI_ISL_1193607, EPI_ISL_1193608, EPI_ISL_1193621, EPI_ISL_1193630, EPI_ISL_1193641, EPI_ISL_1193646, EPI_ISL_1193653, EPI_ISL_1193659, EPI_ISL_1193662, EPI_ISL_1193665, EPI_ISL_1193701, EPI_ISL_1193704, EPI_ISL_1193734, EPI_ISL_1193745, EPI_ISL_1193749, EPI_ISL_1193757, EPI_ISL_1193760, EPI_ISL_1193763, EPI_ISL_1193775, EPI_ISL_1193777, EPI_ISL_1193780, EPI_ISL_1193784, EPI_ISL_1193801, EPI_ISL_1193802, EPI_ISL_1193803, EPI_ISL_1193847, EPI_ISL_1193851, EPI_ISL_1193863, EPI_ISL_1193865, EPI_ISL_1193880, EPI_ISL_1193886, EPI_ISL_1193895, EPI_ISL_1193902, EPI_ISL_1193904, EPI_ISL_1193914, EPI_ISL_1193920, EPI_ISL_1193922, EPI_ISL_1193923, EPI_ISL_1193928, EPI_ISL_1193931, EPI_ISL_1193935, EPI_ISL_1193937, EPI_ISL_1193947, EPI_ISL_1193951, EPI_ISL_1193952, EPI_ISL_1193954, EPI_ISL_1193956, EPI_ISL_1193957, EPI_ISL_1193958, EPI_ISL_1193962, EPI_ISL_1193963, EPI_ISL_1193973, EPI_ISL_1193980, EPI_ISL_1193981, EPI_ISL_1193984, EPI_ISL_1193990, EPI_ISL_1194003, EPI_ISL_1194004, EPI_ISL_1194005, EPI_ISL_1194008, EPI_ISL_1194012, EPI_ISL_1194015, EPI_ISL_1194019, EPI_ISL_1194020, EPI_ISL_1194024, EPI_ISL_1194029, EPI_ISL_1194030, EPI_ISL_1194033, EPI_ISL_1194035, EPI_ISL_1194039, EPI_ISL_1194040, EPI_ISL_1194045, EPI_ISL_1194059, EPI_ISL_1194068, EPI_ISL_1194083, EPI_ISL_1194113, EPI_ISL_1194154, EPI_ISL_1194172, EPI_ISL_1194173, EPI_ISL_1194182, EPI_ISL_1194186, EPI_ISL_1194195, EPI_ISL_1194198, EPI_ISL_1194202, EPI_ISL_1194206, EPI_ISL_1194220, EPI_ISL_1194227, EPI_ISL_1194229, EPI_ISL_1194236, EPI_ISL_1194244, EPI_ISL_1194245, EPI_ISL_1194251, EPI_ISL_1194258, EPI_ISL_1194259, EPI_ISL_1194265, EPI_ISL_1194269, EPI_ISL_1194275, EPI_ISL_1194283, EPI_ISL_1194289, EPI_ISL_1194292, EPI_ISL_1194295, EPI_ISL_1194296, EPI_ISL_1194304, EPI_ISL_1194308, EPI_ISL_1194315, EPI_ISL_1194319, EPI_ISL_1194323, EPI_ISL_1194329, EPI_ISL_1194330, EPI_ISL_1194333, EPI_ISL_1194354, EPI_ISL_1194357			
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_1195832, EPI_ISL_1195860, EPI_ISL_1195893	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_1195916, EPI_ISL_1195929, EPI_ISL_1195967, EPI_ISL_1195979	Alaska State Virology Laboratory	Alaska State Virology Laboratory	Stephanie DeRonde, Elva House, Lisa Smith, Ph.D., Jack Chen, Ph.D.
EPI_ISL_1196206, EPI_ISL_1196220, EPI_ISL_1196221	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1196790	Alameda County Public Health Department	Alameda County Public Health Department	Kristna Hsieh, Maria Elma, Kevin Libuit
EPI_ISL_1196893	MT Public Health Laboratory	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Brian Lynch, Anna Kelleher, Krista Queen, Anna Uehara, Peter Cook, Han Jia Justin Ng, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_1197042	USC Clinical Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1197045	Martin Luther King Jr. Community Hospital	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1197046, EPI_ISL_1197047, EPI_ISL_1197049, EPI_ISL_1197051	USC Clinical Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1197052	Martin Luther King Jr. Community Hospital	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1197053	USC Clinical Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1197054, EPI_ISL_1197057	Martin Luther King Jr. Community Hospital	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1197148	USC Clinical Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1197149	UCLA Clinical Micro Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1197973, EPI_ISL_1197974, EPI_ISL_1197985, EPI_ISL_1197988, EPI_ISL_1197992, EPI_ISL_1197997, EPI_ISL_1198002	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_1198825	SARS-CoV-2 testing team, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Daisuke Kobayashi, Kento Fukano, Hussein H. Aly, Takanobu Kato, Makoto Kuroda
EPI_ISL_1200532	OCME Office Of Chief Medical Examiner	New York City Public Health Laboratory	Jade Wang, et al.

EPI_ISL_1200973, EPI_ISL_1200979	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_1201132, EPI_ISL_1201140, EPI_ISL_1201141, EPI_ISL_1201143, EPI_ISL_1201147, EPI_ISL_1201166, EPI_ISL_1201168, EPI_ISL_1201171, EPI_ISL_1201177, EPI_ISL_1201184	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_1201297, EPI_ISL_1205219, EPI_ISL_1205221, EPI_ISL_1205222, EPI_ISL_1205224, EPI_ISL_1205228, EPI_ISL_1205230, EPI_ISL_1205231, EPI_ISL_1205235, EPI_ISL_1205236, EPI_ISL_1205237, EPI_ISL_1205240, EPI_ISL_1205243, EPI_ISL_1205245, EPI_ISL_1205246, EPI_ISL_1205247, EPI_ISL_1205248, EPI_ISL_1205250, EPI_ISL_1205251			
see above	WVU Rapid Development Laboratory	WVU and Marshall University Combined Genomics Core Facilities	James Denvir, Peter Stoilov, Peter Perrotta, Wesley Kimble, Ryan Percifield
EPI_ISL_1205451	Mayo Clinic & Mayo Clinic Laboratories	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1205474, EPI_ISL_1205477	Alameda County Public Health Department	Alameda County Public Health Department	Kristna Hsieh, Maria Elma, Kevin Libuit
EPI_ISL_1206377	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Rob Howes, The Lighthouse Lab in Cambridge and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_1209202, EPI_ISL_1209207, EPI_ISL_1209216, EPI_ISL_1209221	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_1209445, EPI_ISL_1209446, EPI_ISL_1209447, EPI_ISL_1209448, EPI_ISL_1209449, EPI_ISL_1209450	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, Chae Young Lee, Jin Sun No, Namjoo Lee, Sang Hee Woo, Eun-Jin Kim
EPI_ISL_1218774, EPI_ISL_1218803, EPI_ISL_1218845, EPI_ISL_1218853, EPI_ISL_1218854, EPI_ISL_1218857, EPI_ISL_1218881, EPI_ISL_1218942	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton
EPI_ISL_1219809, EPI_ISL_1219811, EPI_ISL_1219812, EPI_ISL_1219813, EPI_ISL_1219814, EPI_ISL_1219816, EPI_ISL_1219817, EPI_ISL_1219820, EPI_ISL_1219822, EPI_ISL_1219823, EPI_ISL_1219825, EPI_ISL_1219829, EPI_ISL_1219832, EPI_ISL_1219839, EPI_ISL_1219840, EPI_ISL_1219843, EPI_ISL_1219848, EPI_ISL_1219850, EPI_ISL_1219851, EPI_ISL_1219854, EPI_ISL_1219855, EPI_ISL_1219856, EPI_ISL_1219858, EPI_ISL_1219860, EPI_ISL_1219862, EPI_ISL_1219863, EPI_ISL_1219864, EPI_ISL_1219865, EPI_ISL_1219866, EPI_ISL_1219867, EPI_ISL_1219868, EPI_ISL_1219908			
see above	Nevada State Public Health Laboratory	Nevada State Public Health Laboratory	Andrew Gorzalski, Mark Pandori
EPI_ISL_1220351, EPI_ISL_1220382, EPI_ISL_1220383, EPI_ISL_1220388, EPI_ISL_1220404, EPI_ISL_1220408, EPI_ISL_1220409, EPI_ISL_1220420, EPI_ISL_1220429, EPI_ISL_1220430, EPI_ISL_1220442, EPI_ISL_1220448, EPI_ISL_1220450, EPI_ISL_1220461, EPI_ISL_1220465, EPI_ISL_1220472, EPI_ISL_1220488, EPI_ISL_1220489, EPI_ISL_1220491, EPI_ISL_1220501, EPI_ISL_1220516, EPI_ISL_1220518, EPI_ISL_1220520, EPI_ISL_1220531, EPI_ISL_1220537, EPI_ISL_1220558, EPI_ISL_1220561, EPI_ISL_1220563, EPI_ISL_1220564, EPI_ISL_1220567, EPI_ISL_1220577, EPI_ISL_1220607, EPI_ISL_1220611, EPI_ISL_1220617, EPI_ISL_1220629, EPI_ISL_1220631, EPI_ISL_1220635, EPI_ISL_1220636, EPI_ISL_1220637, EPI_ISL_1220646, EPI_ISL_1220660, EPI_ISL_1220661, EPI_ISL_1220663, EPI_ISL_1220664, EPI_ISL_1220672, EPI_ISL_1220702, EPI_ISL_1220708, EPI_ISL_1220714, EPI_ISL_1220727, EPI_ISL_1220739, EPI_ISL_1220747, EPI_ISL_1220748, EPI_ISL_1220751, EPI_ISL_1220757, EPI_ISL_1220758, EPI_ISL_1220764, EPI_ISL_1220778, EPI_ISL_1220781, EPI_ISL_1220783, EPI_ISL_1220786, EPI_ISL_1220787, EPI_ISL_1220791, EPI_ISL_1220797, EPI_ISL_1220799, EPI_ISL_1220801, EPI_ISL_1220802, EPI_ISL_1220808, EPI_ISL_1220822, EPI_ISL_1220823, EPI_ISL_1220837, EPI_ISL_1220840, EPI_ISL_1220849			
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_1220863, EPI_ISL_1220868, EPI_ISL_1220871, EPI_ISL_1220873, EPI_ISL_1220874, EPI_ISL_1220875, EPI_ISL_1220879	Nevada State Public Health Laboratory	Nevada State Public Health Laboratory	Andrew Gorzalski, Mark Pandori
EPI_ISL_1220906, EPI_ISL_1220922, EPI_ISL_1220929, EPI_ISL_1220932, EPI_ISL_1220934, EPI_ISL_1220936, EPI_ISL_1220937, EPI_ISL_1220941, EPI_ISL_1220957, EPI_ISL_1220965, EPI_ISL_1220979, EPI_ISL_1221036, EPI_ISL_1221039, EPI_ISL_1221041, EPI_ISL_1221042, EPI_ISL_1221049, EPI_ISL_1221091, EPI_ISL_1221121, EPI_ISL_1221141, EPI_ISL_1221154, EPI_ISL_1221161, EPI_ISL_1221198, EPI_ISL_1221199, EPI_ISL_1221201, EPI_ISL_1221205, EPI_ISL_1221242, EPI_ISL_1221244, EPI_ISL_1221245, EPI_ISL_1221257, EPI_ISL_1221277, EPI_ISL_1221300, EPI_ISL_1221302, EPI_ISL_1221327, EPI_ISL_1221328, EPI_ISL_1221331, EPI_ISL_1221334, EPI_ISL_1221335, EPI_ISL_1221337, EPI_ISL_1221349, EPI_ISL_1221355, EPI_ISL_1221358, EPI_ISL_1221378, EPI_ISL_1221387, EPI_ISL_1221389, EPI_ISL_1221396, EPI_ISL_1221413, EPI_ISL_1221419, EPI_ISL_1221446, EPI_ISL_1221451, EPI_ISL_1221452, EPI_ISL_1221453, EPI_ISL_1221474, EPI_ISL_1221479, EPI_ISL_1221482, EPI_ISL_1221501, EPI_ISL_1221505, EPI_ISL_1221514, EPI_ISL_1221519, EPI_ISL_1221528, EPI_ISL_1221567, EPI_ISL_1221586, EPI_ISL_1221607, EPI_ISL_1221616, EPI_ISL_1221626, EPI_ISL_1221639, EPI_ISL_1221649, EPI_ISL_1221652, EPI_ISL_1221653, EPI_ISL_1221670, EPI_ISL_1221705, EPI_ISL_1221715, EPI_ISL_1221727, EPI_ISL_1221735, EPI_ISL_1221739, EPI_ISL_1221743, EPI_ISL_1221772, EPI_ISL_1221788, EPI_ISL_1221801, EPI_ISL_1221802, EPI_ISL_1221808, EPI_ISL_1221810, EPI_ISL_1221818, EPI_ISL_1221820, EPI_ISL_1221830, EPI_ISL_1221833, EPI_ISL_1221837, EPI_ISL_1221839, EPI_ISL_1221843, EPI_ISL_1221861, EPI_ISL_1221864, EPI_ISL_1221865, EPI_ISL_1221866, EPI_ISL_1221872, EPI_ISL_1221917, EPI_ISL_1221934, EPI_ISL_1221936, EPI_ISL_1221938, EPI_ISL_1221938, EPI_ISL_1221959, EPI_ISL_1221960, EPI_ISL_1221989, EPI_ISL_1221990, EPI_ISL_1222000, EPI_ISL_1222033, EPI_ISL_1222036, EPI_ISL_1222038, EPI_ISL_1222043, EPI_ISL_1222044, EPI_ISL_1222071, EPI_ISL_1222111, EPI_ISL_1222122, EPI_ISL_1222152, EPI_ISL_1222156, EPI_ISL_1222162, EPI_ISL_1222171, EPI_ISL_1222177, EPI_ISL_1222237, EPI_ISL_1222237, EPI_ISL_1222348, EPI_ISL_1222349, EPI_ISL_1222357, EPI_ISL_1222368, EPI_ISL_1222378, EPI_ISL_1222395, EPI_ISL_1222401, EPI_ISL_1222414, EPI_ISL_1222422, EPI_ISL_1222427			
see above	Laboratory Corporation of America	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, Minoo Agarwal, Eyad Almasri, Debbie Boles, Ayla Burns, Nuthawin Charoensri, Oren Cohen, Susan Countryman, Mary Ann Cristobal, Bobbi Croy, Suzanne Dale, Hrushikesh Deshmukh, Amanda Douglas, Vincent Drouillon, Marcia Eisenberg, Howard Engler, Rama Ghatti, Prashant Gupta, Susan Hicks, Jake Humphrey, Lax Iyer, Manoj Jain, Mohan Kolli, Brian Krueger, Tim Kuphal, Stanley Letovsky, Michael Levandoski, Craig Lukasik, Jonathan Meltzer, Brian Norvell, Mindy Nye, Scott Parker, Christos Petropoulos, John Pruitt, Steven Ragan, Scott Ryan, Mike Sapeta, Jana Schroth, Suresh Babu Selvaraju, Goran Stevovic, Amanda Suchanek, Andrea Throop, Lyndon Tilson, Thomas Urban, Joe Voshell, Kimberly Wagner, Jonathan Williams, Mary Williamson, Qian Zeng, Tricia Zwiefelhofer, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1222617, EPI_ISL_1222618, EPI_ISL_1222619, EPI_ISL_1222630, EPI_ISL_1222634, EPI_ISL_1222639, EPI_ISL_1222643, EPI_ISL_1222647, EPI_ISL_1222649, EPI_ISL_1222650, EPI_ISL_1222655, EPI_ISL_1222657, EPI_ISL_1222658, EPI_ISL_1222661, EPI_ISL_1222662, EPI_ISL_1222665, EPI_ISL_1222667, EPI_ISL_1222668, EPI_ISL_1222672, EPI_ISL_1222673, EPI_ISL_1222676, EPI_ISL_1222678, EPI_ISL_1222679, EPI_ISL_1222680, EPI_ISL_1222686, EPI_ISL_1222691, EPI_ISL_1222694			
see above	Altius Institute	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Erica Ryke, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilicsin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Catlin 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_1224772, EPI_ISL_1224777, EPI_ISL_1224788, EPI_ISL_1224795, EPI_ISL_1224796, EPI_ISL_1224798, EPI_ISL_1224800, EPI_ISL_1224802, EPI_ISL_1224809	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1224835, EPI_ISL_1224836, EPI_ISL_1224839, EPI_ISL_1224843, EPI_ISL_1224859, EPI_ISL_1224860	Vault Health	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1224882	Mayo Clinic & Mayo Clinic Laboratories	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1225023, EPI_ISL_1225048, EPI_ISL_1225052	Texas Department of State Health Services	Texas Department of State Health Services	Rashmi Tuladhar, Bonnie Oh, Jenny Zhang, Malha Rahman, Mayela Pedrueza, Anita Pokharei, Myong Koag, Chun Wang, Rachel Lee, Grace Kubin
EPI_ISL_1225209, EPI_ISL_1225210, EPI_ISL_1225220, EPI_ISL_1225226, EPI_ISL_1225229, EPI_ISL_1225236	Mayo Clinic & Mayo Clinic Laboratories	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang

EPI_ISL_1225602	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_1226102	IL Dept. of Public Health Springfield 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, 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_1226342	"MN PHL Division, Minnesota Department of Health"	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayer, 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_1226397	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 Montmayer, 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_1226407	"AZ SPHL, Arizona Department of Health 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 Montmayer, 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_1226867	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_1227441	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_1227455	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_1227699, EPI_ISL_1227958, EPI_ISL_1228203, EPI_ISL_1228205, EPI_ISL_1228206	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_1228267	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_1228578	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_1231437, EPI_ISL_1231438, EPI_ISL_1231439, EPI_ISL_1231440, EPI_ISL_1231441, EPI_ISL_1231443, EPI_ISL_1231446, EPI_ISL_1231450, EPI_ISL_1231451, EPI_ISL_1231452, EPI_ISL_1231453, EPI_ISL_1231455, EPI_ISL_1231456, EPI_ISL_1231458, EPI_ISL_1231461, EPI_ISL_1231464, EPI_ISL_1231466, EPI_ISL_1231467, EPI_ISL_1231468, EPI_ISL_1231470, EPI_ISL_1231471, EPI_ISL_1231472, EPI_ISL_1231473, EPI_ISL_1231474, EPI_ISL_1231477, EPI_ISL_1231479, EPI_ISL_1231482, EPI_ISL_1231485, EPI_ISL_1231487, EPI_ISL_1231492, EPI_ISL_1231494, EPI_ISL_1231496, EPI_ISL_1231497, EPI_ISL_1231498, EPI_ISL_1231500, EPI_ISL_1231502, EPI_ISL_1231503, EPI_ISL_1231506, EPI_ISL_1231507, EPI_ISL_1231508, EPI_ISL_1231509, EPI_ISL_1231510, EPI_ISL_1231514, EPI_ISL_1231515, EPI_ISL_1231517, EPI_ISL_1231518, EPI_ISL_1231519, EPI_ISL_1231520, EPI_ISL_1231522, EPI_ISL_1231525, EPI_ISL_1231526, EPI_ISL_1231527, EPI_ISL_1231537, EPI_ISL_1231541, EPI_ISL_1231549, EPI_ISL_1231553, EPI_ISL_1231557, EPI_ISL_1231561, EPI_ISL_1231565, EPI_ISL_1231569, EPI_ISL_1231573, EPI_ISL_1231577, EPI_ISL_1231590, EPI_ISL_1231598, EPI_ISL_1231602, EPI_ISL_1231623, EPI_ISL_1231626, EPI_ISL_1231630, EPI_ISL_1231634, EPI_ISL_1231642, EPI_ISL_1231646, EPI_ISL_1231651, EPI_ISL_1231655, EPI_ISL_1231663, EPI_ISL_1231666, EPI_ISL_1231670, EPI_ISL_1231678, EPI_ISL_1231682, EPI_ISL_1231690, EPI_ISL_1231694, EPI_ISL_1231698, EPI_ISL_1231710, EPI_ISL_1231714, EPI_ISL_1231719, EPI_ISL_1231723, EPI_ISL_1231727, EPI_ISL_1231735, EPI_ISL_1231739, EPI_ISL_1231743, EPI_ISL_1231747, EPI_ISL_1231751, EPI_ISL_1231755, EPI_ISL_1231758, EPI_ISL_1231762, EPI_ISL_1231767, EPI_ISL_1231774, EPI_ISL_1231776, EPI_ISL_1231779, EPI_ISL_1231780, EPI_ISL_1231781, EPI_ISL_1231785, EPI_ISL_1231786, EPI_ISL_1231787, EPI_ISL_1231788, EPI_ISL_1231789, EPI_ISL_1231790, EPI_ISL_1231794, EPI_ISL_1231795, EPI_ISL_1231796, EPI_ISL_1231799, EPI_ISL_1231800, EPI_ISL_1231802, EPI_ISL_1231805, EPI_ISL_1231806, EPI_ISL_1231807, EPI_ISL_1231809, EPI_ISL_1231820, EPI_ISL_1231823, EPI_ISL_1231824, EPI_ISL_1231825, EPI_ISL_1231831, EPI_ISL_1231833, EPI_ISL_1231835, EPI_ISL_1231844, EPI_ISL_1231849, EPI_ISL_1231851, EPI_ISL_1231852, EPI_ISL_1231854, EPI_ISL_1231856, EPI_ISL_1231858, EPI_ISL_1231859, EPI_ISL_1231860, EPI_ISL_1231861, EPI_ISL_1231862, EPI_ISL_1231863, EPI_ISL_1231864, EPI_ISL_1231865, EPI_ISL_1231866, EPI_ISL_1231869, EPI_ISL_1231873, EPI_ISL_1231875, EPI_ISL_1231876, EPI_ISL_1231877, EPI_ISL_1231885, EPI_ISL_1231886, EPI_ISL_1231891, EPI_ISL_1231893, EPI_ISL_1231895, EPI_ISL_1231896, EPI_ISL_1231898, EPI_ISL_1231899, EPI_ISL_1231900, EPI_ISL_1231901, EPI_ISL_1231903, EPI_ISL_1231905, EPI_ISL_1231906, EPI_ISL_1231907, EPI_ISL_1231910, EPI_ISL_1231912, EPI_ISL_1231913, EPI_ISL_1232029, EPI_ISL_1232030, EPI_ISL_1232031, EPI_ISL_1232032, EPI_ISL_1232033, EPI_ISL_1232034, EPI_ISL_1232037, EPI_ISL_1232038, EPI_ISL_1232039, EPI_ISL_1232040, EPI_ISL_1232041, EPI_ISL_1232042, EPI_ISL_1232043, EPI_ISL_1232044, EPI_ISL_1232049, EPI_ISL_1232050, EPI_ISL_1232051, EPI_ISL_1232052, EPI_ISL_1232055, EPI_ISL_1232056, EPI_ISL_1232059, EPI_ISL_1232060, EPI_ISL_1232061, EPI_ISL_1232062, EPI_ISL_1232063, EPI_ISL_1232064, EPI_ISL_1232065, EPI_ISL_1232067, EPI_ISL_1232068, EPI_ISL_1232071, EPI_ISL_1232072, EPI_ISL_1232073, EPI_ISL_1232074, EPI_ISL_1232077, EPI_ISL_1232078, EPI_ISL_1232083, EPI_ISL_1232084, EPI_ISL_1232089, EPI_ISL_1232090, EPI_ISL_1232091, EPI_ISL_1232092, EPI_ISL_1232093, EPI_ISL_1232094, EPI_ISL_1232103, EPI_ISL_1232104, EPI_ISL_1232107, EPI_ISL_1232108, EPI_ISL_1232111, EPI_ISL_1232112, EPI_ISL_1232113, EPI_ISL_1232114, EPI_ISL_1232119, EPI_ISL_1232120, EPI_ISL_1232123, EPI_ISL_1232124, EPI_ISL_1232125, EPI_ISL_1232126, EPI_ISL_1232127, EPI_ISL_1232128, EPI_ISL_1232129, EPI_ISL_1232130, EPI_ISL_1232133, EPI_ISL_1232134, EPI_ISL_1232137, EPI_ISL_1232138, EPI_ISL_1232143, EPI_ISL_1232144, EPI_ISL_1232145, EPI_ISL_1232146, EPI_ISL_1232149, EPI_ISL_1232150, EPI_ISL_1232153, EPI_ISL_1232154, EPI_ISL_1232155, EPI_ISL_1232156, EPI_ISL_1232163, EPI_ISL_1232164, EPI_ISL_1232167, EPI_ISL_1232168, EPI_ISL_1232169, EPI_ISL_1232170, EPI_ISL_1232171, EPI_ISL_1232172, EPI_ISL_1232173, EPI_ISL_1232174, EPI_ISL_1232177, EPI_ISL_1232178, EPI_ISL_1232179, EPI_ISL_1232180			
see above	Fulgent Genetics	Fulgent Genetics	Harry Gao, Mickey Li, John Gao, Joseph Fierro, Benafsh Sapra, Becky Tsai, Yan Meng, Doreen Ng, James Xie
EPI_ISL_1232582, EPI_ISL_1232602, EPI_ISL_1232615	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_1233288, EPI_ISL_1233348	Massachusetts State Public Health Laboratory	Massachusetts State Public Health Laboratory	Andrew Lang, Timelia Fink, Glen Gallagher, Sandra Smole
EPI_ISL_1233702	North Dakota Department of Health, Public Health Laboratory	North Dakota Department of Health, Public Health Laboratory	Lisa Wingerter
EPI_ISL_1233737, EPI_ISL_1233784, EPI_ISL_1233785	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_1234025, EPI_ISL_1234026, EPI_ISL_1234030, EPI_ISL_1234047, EPI_ISL_1234050, EPI_ISL_1234055, EPI_ISL_1234056, EPI_ISL_1234057, EPI_ISL_1234058, EPI_ISL_1234059, EPI_ISL_1234060, EPI_ISL_1234061, EPI_ISL_1234098, EPI_ISL_1234104, EPI_ISL_1234129, EPI_ISL_1234132, EPI_ISL_1234136, EPI_ISL_1234141, EPI_ISL_1234152, EPI_ISL_1234157, EPI_ISL_1234159, EPI_ISL_1234160, EPI_ISL_1234170, EPI_ISL_1234172, EPI_ISL_1234176, EPI_ISL_1234184, EPI_ISL_1234190, EPI_ISL_1234191, EPI_ISL_1234194, EPI_ISL_1234195, EPI_ISL_1234206, EPI_ISL_1234209, EPI_ISL_1234216, EPI_ISL_1234243, EPI_ISL_1234245, EPI_ISL_1234246, EPI_ISL_1234257, EPI_ISL_1234273, EPI_ISL_1234275, EPI_ISL_1234301, EPI_ISL_1234312, EPI_ISL_1234316, EPI_ISL_1234318, EPI_ISL_1234325, EPI_ISL_1234331, EPI_ISL_1234332, EPI_ISL_1234335, EPI_ISL_1234344, EPI_ISL_1234345, EPI_ISL_1234346, EPI_ISL_1234351, EPI_ISL_1234368, EPI_ISL_1234371, EPI_ISL_1234373, EPI_ISL_1234378, EPI_ISL_1234379, EPI_ISL_1234380, EPI_ISL_1234381			
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_1234493	Nebraska Public Health Laboratory	UNMC COVID-19 Response Team	UNMC COVID-19 Response Team
EPI_ISL_1234847, EPI_ISL_1234943, EPI_ISL_1234965, EPI_ISL_1234997	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciliahub Consortium
EPI_ISL_1235519	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Ciliahub Consortium
EPI_ISL_1235685	Baylor Scott & White-Temple	Baylor Scott & White-Temple	Ari Rao, Linden Morales, Kimberly Walker, Marcus Volz, Shelby Hendrickson, Caitlin Maloney
EPI_ISL_1235879, EPI_ISL_1235905, EPI_ISL_1235907, EPI_ISL_1235956, EPI_ISL_1235975, EPI_ISL_1236006, EPI_ISL_1236091, EPI_ISL_1236102, EPI_ISL_1236116, EPI_ISL_1236240, EPI_ISL_1236248, EPI_ISL_1236258, EPI_ISL_1236289, EPI_ISL_1236349, EPI_ISL_1236367, EPI_ISL_1236427, EPI_ISL_1236488, EPI_ISL_1236528, EPI_ISL_1236543, EPI_ISL_1236578, EPI_ISL_1236594, EPI_ISL_1236613, EPI_ISL_1236634, EPI_ISL_1236654, EPI_ISL_1236696, EPI_ISL_1236700, EPI_ISL_1236710, EPI_ISL_1236767, EPI_ISL_1236768, EPI_ISL_1236804, EPI_ISL_1236841, EPI_ISL_1236859, EPI_ISL_1236958, EPI_ISL_1237030, EPI_ISL_1237074, EPI_ISL_1237112, EPI_ISL_1237128, EPI_ISL_1237133, EPI_ISL_1237156, EPI_ISL_1237161, EPI_ISL_1237231, EPI_ISL_1237240, EPI_ISL_1237255, EPI_ISL_1237307, EPI_ISL_1237333, EPI_ISL_1237356, EPI_ISL_1237515, EPI_ISL_1237539, EPI_ISL_1237588, EPI_ISL_1237605, EPI_ISL_1237611, EPI_ISL_1237669, EPI_ISL_1237700, EPI_ISL_1237704			
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_1238901	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin L. Young, Kelly F. Oakeson, Tara Gallagher
EPI_ISL_1238934, EPI_ISL_1238956	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_1240059, EPI_ISL_1240068	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton
EPI_ISL_1240804, EPI_ISL_1240817, EPI_ISL_1240847, EPI_ISL_1240895, EPI_ISL_1240918, EPI_ISL_1240919	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_1250467	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_1252379, EPI_ISL_1252382, EPI_ISL_1252385, EPI_ISL_1252396, EPI_ISL_1252397	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, Jeong-Ah Kimg, Chae Young Lee, Jin Sun No, Eun-Jin Kim
EPI_ISL_1252468, EPI_ISL_1252557, EPI_ISL_1252570, EPI_ISL_1252572, EPI_ISL_1252578, EPI_ISL_1252582	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_1252620, EPI_ISL_1252624, EPI_ISL_1252625	TXDSHS	TXDSHS	Rashmi Tuladhar, Bonnie Oh, Jenny Zhang, Maliha Rahman, Mayela Pedrueza, Anita Pokharel, Myong Koag, Chun Wang, Rachel Lee, Grace Kubin
EPI_ISL_1252850, EPI_ISL_1252859, EPI_ISL_1252860, EPI_ISL_1252877	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_1252924, EPI_ISL_1252927, EPI_ISL_1252928, EPI_ISL_1252932, EPI_ISL_1252934, EPI_ISL_1252944, EPI_ISL_1252946, EPI_ISL_1252952, EPI_ISL_1252969, EPI_ISL_1252970, EPI_ISL_1252979, EPI_ISL_1252985, EPI_ISL_1252987, EPI_ISL_1252993, EPI_ISL_1253006, EPI_ISL_1253007, EPI_ISL_1253012, EPI_ISL_1253014, EPI_ISL_1253018, EPI_ISL_1253022, EPI_ISL_1253026, EPI_ISL_1253028, EPI_ISL_1253031, EPI_ISL_1253032, EPI_ISL_1253033, EPI_ISL_1253036, EPI_ISL_1253039, EPI_ISL_1253049, EPI_ISL_1253085, EPI_ISL_1253091, EPI_ISL_1253104, EPI_ISL_1253106, EPI_ISL_1253114, EPI_ISL_1253118, EPI_ISL_1253133, EPI_ISL_1253135, EPI_ISL_1253141, EPI_ISL_1253144, EPI_ISL_1253146, EPI_ISL_1253151, EPI_ISL_1253157, EPI_ISL_1253163, EPI_ISL_1253164, EPI_ISL_1253165, EPI_ISL_1253173, EPI_ISL_1253180, EPI_ISL_1253181, EPI_ISL_1253182, EPI_ISL_1253185, EPI_ISL_1253190, EPI_ISL_1253201, EPI_ISL_1253202, EPI_ISL_1253203, EPI_ISL_1253207, EPI_ISL_1253209, EPI_ISL_1253213, EPI_ISL_1253222, EPI_ISL_1253223, EPI_ISL_1253228, EPI_ISL_1253229, EPI_ISL_1253230, EPI_ISL_1253231, EPI_ISL_1253232, EPI_ISL_1253239, EPI_ISL_1253246, EPI_ISL_1253283, EPI_ISL_1253285, EPI_ISL_1253344, EPI_ISL_1253355, EPI_ISL_1253364, EPI_ISL_1253373, EPI_ISL_1253390, EPI_ISL_1253391, EPI_ISL_1253400, EPI_ISL_1253404, EPI_ISL_1253408, EPI_ISL_1253420, EPI_ISL_1253422, EPI_ISL_1253423, EPI_ISL_1253426, EPI_ISL_1253427, EPI_ISL_1253429, EPI_ISL_1253431, EPI_ISL_1253442, EPI_ISL_1253443, EPI_ISL_1253446, EPI_ISL_1253450, EPI_ISL_1253462, EPI_ISL_1253464, EPI_ISL_1253465, EPI_ISL_1253468, EPI_ISL_1253471, EPI_ISL_1253473, EPI_ISL_1253477, EPI_ISL_1253480, EPI_ISL_1253482, EPI_ISL_1253485, EPI_ISL_1253486, EPI_ISL_1253487, EPI_ISL_1253494, EPI_ISL_1253497, EPI_ISL_1253503, EPI_ISL_1253507, EPI_ISL_1253513, EPI_ISL_1253515, EPI_ISL_1253517, EPI_ISL_1253528, EPI_ISL_1253529, EPI_ISL_1253536			
see above	Quest Diagnostics Incorporated	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1253610, EPI_ISL_1253611, EPI_ISL_1253612, EPI_ISL_1253613, EPI_ISL_1253614, EPI_ISL_1253615, EPI_ISL_1253617, EPI_ISL_1253619, EPI_ISL_1253620, EPI_ISL_1253621, EPI_ISL_1253624, EPI_ISL_1253625, EPI_ISL_1253626, EPI_ISL_1253627, EPI_ISL_1253628, EPI_ISL_1253629, EPI_ISL_1253630, EPI_ISL_1253631, EPI_ISL_1253632, EPI_ISL_1253633, EPI_ISL_1253634, EPI_ISL_1253635, EPI_ISL_1253637, EPI_ISL_1253638, EPI_ISL_1253640, EPI_ISL_1253641, EPI_ISL_1253642, EPI_ISL_1253644, EPI_ISL_1253645, EPI_ISL_1253646, EPI_ISL_1253647, EPI_ISL_1253648, EPI_ISL_1253649, EPI_ISL_1253650, EPI_ISL_1253651, EPI_ISL_1253652, EPI_ISL_1253653, EPI_ISL_1253655, EPI_ISL_1253656, EPI_ISL_1253657, EPI_ISL_1253659, EPI_ISL_1253661, EPI_ISL_1253662	Oregon State University TRACE Project	OSU Center for Genome Research and Biocomputing	Oregon State University TRACE Project
see above			
EPI_ISL_1253846	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., Chaluvedi,S., Birren,B.W., Gallagher,G., Smole,S., Park,D.J., MacInnis,B.L., and Sabeti,P.C.
EPI_ISL_1253927, EPI_ISL_1253929, EPI_ISL_1253935, EPI_ISL_1253938	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., Chaluvedi,S., Birren,B.W., Gallagher,G., Smole,S., Park,D.J., MacInnis,B.L., and Sabeti,P.C.
EPI_ISL_1253976, EPI_ISL_1253988, EPI_ISL_1253989, EPI_ISL_1253991	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., Chaluvedi,S., Birren,B.W., Gallagher,G., Smole,S., Park,D.J., MacInnis,B.L., and Sabeti,P.C.
EPI_ISL_1254009, EPI_ISL_1254010, EPI_ISL_1254011	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., Chaluvedi,S., Birren,B.W., Gallagher,G., Smole,S., Park,D.J., MacInnis,B.L., and Sabeti,P.C.
EPI_ISL_1254013, EPI_ISL_1254017, EPI_ISL_1254019, EPI_ISL_1254020, EPI_ISL_1254021, EPI_ISL_1254022, EPI_ISL_1254024, EPI_ISL_1254025, EPI_ISL_1254027, EPI_ISL_1254030, EPI_ISL_1254031, EPI_ISL_1254032, EPI_ISL_1254033, EPI_ISL_1254038, EPI_ISL_1254041, EPI_ISL_1254042, EPI_ISL_1254043, EPI_ISL_1254047, EPI_ISL_1254051, EPI_ISL_1254057, EPI_ISL_1254063, EPI_ISL_1254064, EPI_ISL_1254066, EPI_ISL_1254078, EPI_ISL_1254079, EPI_ISL_1254093, EPI_ISL_1254095, EPI_ISL_1254101, EPI_ISL_1254106, EPI_ISL_1254107, EPI_ISL_1254108, EPI_ISL_1254110, EPI_ISL_1254117, EPI_ISL_1254123, EPI_ISL_1254129, EPI_ISL_1254136, EPI_ISL_1254138, EPI_ISL_1254140, EPI_ISL_1254144, EPI_ISL_1254149, EPI_ISL_1254150, EPI_ISL_1254167, EPI_ISL_1254169, EPI_ISL_1254173, EPI_ISL_1254174, EPI_ISL_1254176, EPI_ISL_1254177, EPI_ISL_1254180, EPI_ISL_1254188, EPI_ISL_1254192, EPI_ISL_1254193, EPI_ISL_1254194, EPI_ISL_1254196, EPI_ISL_1254210, EPI_ISL_1254217, EPI_ISL_1254220, EPI_ISL_1254221, EPI_ISL_1254222, EPI_ISL_1254227, EPI_ISL_1254241, EPI_ISL_1254254, EPI_ISL_1254262, EPI_ISL_1254267, EPI_ISL_1254270, EPI_ISL_1254278, EPI_ISL_1254296, EPI_ISL_1254297, EPI_ISL_1254298, EPI_ISL_1254302, EPI_ISL_1254304, EPI_ISL_1254307, EPI_ISL_1254317, EPI_ISL_1254320, EPI_ISL_1254326, EPI_ISL_1254338, EPI_ISL_1254340, EPI_ISL_1254342, EPI_ISL_1254348, EPI_ISL_1254356, EPI_ISL_1254397, EPI_ISL_1254403, EPI_ISL_1254405, EPI_ISL_1254407, EPI_ISL_1254408, EPI_ISL_1254417, EPI_ISL_1254445, EPI_ISL_1254446, EPI_ISL_1254464, EPI_ISL_1254466, EPI_ISL_1254476, EPI_ISL_1254477, EPI_ISL_1254478, EPI_ISL_1254479, EPI_ISL_1254484, EPI_ISL_1254494, EPI_ISL_1254505, EPI_ISL_1254527, EPI_ISL_1254528			
see above	Quest Diagnostics Incorporated	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1255937, EPI_ISL_1255966, EPI_ISL_1255975	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_1258668, EPI_ISL_1258677, EPI_ISL_1258691, EPI_ISL_1258935, EPI_ISL_1258956, EPI_ISL_1258970, EPI_ISL_1258971, EPI_ISL_1258972, EPI_ISL_1258987	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_1259768	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Christian Beisel, Sarah Nadeau, Chaoran Chen, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Rebecca Denes, Mirjam Feldkamp, Ina Nissen, Natascha Santacroce, Elodie Burcklen, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaría de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1260634	Houston Health Dept.	Houston Health Dept.	Ryker Penn, Pamela Brown, Adolpho Lara
EPI_ISL_1260702	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_1260719, EPI_ISL_1260720, EPI_ISL_1260721, EPI_ISL_1260722, EPI_ISL_1260723, EPI_ISL_1260724, EPI_ISL_1260725, EPI_ISL_1260726, EPI_ISL_1260728, EPI_ISL_1260729, EPI_ISL_1260730, EPI_ISL_1260731, EPI_ISL_1260732, EPI_ISL_1260734, EPI_ISL_1260735, EPI_ISL_1260736, EPI_ISL_1260738, EPI_ISL_1260739, EPI_ISL_1260743			
see above	United States Air Force Academy	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_1260968, EPI_ISL_1260985, EPI_ISL_1261021, EPI_ISL_1261036, EPI_ISL_1261113	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_1261585	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_1261624	TXDSHS	TXDSHS	Rashmi Tuladhar, Bonnie Oh, Jenny Zhang, Maliha Rahman, Mayela Pedrueza, Anita Pokharel, Myong Koag, Chun Wang, Rachel Lee, Grace Kubin
EPI_ISL_1261865	OCME Office Of Chief Medical Examiner	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1261904, EPI_ISL_1261907, EPI_ISL_1261921, EPI_ISL_1261930, EPI_ISL_1261933, EPI_ISL_1261937, EPI_ISL_1261945, EPI_ISL_1261947, EPI_ISL_1261951, EPI_ISL_1261969, EPI_ISL_1261982, EPI_ISL_1261988, EPI_ISL_1262012, EPI_ISL_1262022, EPI_ISL_1262034, EPI_ISL_1262038, EPI_ISL_1262125, EPI_ISL_1262133, EPI_ISL_1262159, EPI_ISL_1262161, EPI_ISL_1262162, EPI_ISL_1262163, EPI_ISL_1262165, EPI_ISL_1262174, EPI_ISL_1262191, EPI_ISL_1262207, EPI_ISL_1262210, EPI_ISL_1262213, EPI_ISL_1262214, EPI_ISL_1262215, EPI_ISL_1262228, EPI_ISL_1262230, EPI_ISL_1262231, EPI_ISL_1262234, EPI_ISL_1262274, EPI_ISL_1262278, EPI_ISL_1262284, EPI_ISL_1262300, EPI_ISL_1262305, EPI_ISL_1262306, EPI_ISL_1262324, EPI_ISL_1262336, EPI_ISL_1262338, EPI_ISL_1262339, EPI_ISL_1262342, EPI_ISL_1262343, EPI_ISL_1262344, EPI_ISL_1262345, EPI_ISL_1262346, EPI_ISL_1262347, EPI_ISL_1262348, EPI_ISL_1262349, EPI_ISL_1262350, EPI_ISL_1262351, EPI_ISL_1262352, EPI_ISL_1262353, EPI_ISL_1262354, EPI_ISL_1262355, 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EPI_ISL_1262592, EPI_ISL_1262596	City of Milwaukee Health Department Laboratory	City of Milwaukee Health Department Laboratory	Sanjib Bhattacharyya
EPI_ISL_1263103, EPI_ISL_1263104, EPI_ISL_1263106, EPI_ISL_1263107, EPI_ISL_1263109, EPI_ISL_1263111, EPI_ISL_1263113, EPI_ISL_1263114, EPI_ISL_1263116, EPI_ISL_1263117, EPI_ISL_1263118, EPI_ISL_1263119, EPI_ISL_1263120, EPI_ISL_1263122, EPI_ISL_1263123, EPI_ISL_1263158, EPI_ISL_1263159, EPI_ISL_1263160, EPI_ISL_1263161, EPI_ISL_1263162, EPI_ISL_1263164, EPI_ISL_1263165, EPI_ISL_1263166, EPI_ISL_1263167, EPI_ISL_1263170, EPI_ISL_1263172, EPI_ISL_1263173			
see above	Nevada State Public Health Laboratory	Nevada State Public Health Laboratory	Andrew Gorzalski, Mark Pandori
EPI_ISL_1263341, EPI_ISL_1263346, EPI_ISL_1263355, EPI_ISL_1263360, EPI_ISL_1263361, EPI_ISL_1263362	Washington State Department of Health Public Health Laboratories	Washington State Department of Health Public Health Laboratories	Drew MacKellar, Philip Dykema, Denny Russell, Joenice Gonzalez, Geoff Melly, Vanessa De Los Santos, Darren Lucas, JohnAric Peterson, Avi Singh, Rebecca Cao
EPI_ISL_1263465, EPI_ISL_1263466, EPI_ISL_1263475, EPI_ISL_1263476, EPI_ISL_1263479, EPI_ISL_1263482, EPI_ISL_1263483, EPI_ISL_1263486, EPI_ISL_1263490, EPI_ISL_1263505, EPI_ISL_1263507, EPI_ISL_1263508, EPI_ISL_1263515, EPI_ISL_1263517, EPI_ISL_1263519, EPI_ISL_1263520, EPI_ISL_1263523, EPI_ISL_1263524, EPI_ISL_1263529, EPI_ISL_1263530, EPI_ISL_1263533, EPI_ISL_1263537, EPI_ISL_1263538, EPI_ISL_1263539			
see above	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Shah Mohamed Bakhsh, Michelle Lin, Noah Baker, Sean Ellis, Saraswathi Sathees, Meei-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_1265066	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_1265913, EPI_ISL_1265914, EPI_ISL_1265918, EPI_ISL_1265924, EPI_ISL_1265925, EPI_ISL_1265930, EPI_ISL_1265935, EPI_ISL_1265938, EPI_ISL_1265952, EPI_ISL_1265954, EPI_ISL_1265961, EPI_ISL_1265966, EPI_ISL_1265977, EPI_ISL_1265981, EPI_ISL_1265995, EPI_ISL_1265998, EPI_ISL_1266010, EPI_ISL_1266036, EPI_ISL_1266041, EPI_ISL_1266042, EPI_ISL_1266044, EPI_ISL_1266066, EPI_ISL_1266074, EPI_ISL_1266086, EPI_ISL_1266091, EPI_ISL_1266093, EPI_ISL_1266097, EPI_ISL_1266101, EPI_ISL_1266107, EPI_ISL_1266113			
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_1266119	Nebraska Public Health Laboratory	NPHL COVID-19 Response Team	NPHL COVID-19 Response Team
EPI_ISL_1266148, EPI_ISL_1266150, EPI_ISL_1266151, EPI_ISL_1266163, EPI_ISL_1266168, EPI_ISL_1266170, EPI_ISL_1266174, EPI_ISL_1266175, EPI_ISL_1266191, EPI_ISL_1266196, EPI_ISL_1266197, EPI_ISL_1266219, EPI_ISL_1266224, EPI_ISL_1266226, EPI_ISL_1266479, EPI_ISL_1266485, EPI_ISL_1266533, EPI_ISL_1266568, EPI_ISL_1266571, EPI_ISL_1266596, EPI_ISL_1266613, EPI_ISL_1266663, EPI_ISL_1266667, EPI_ISL_1266734, EPI_ISL_1266742, EPI_ISL_1266763, EPI_ISL_1266787, EPI_ISL_1266810, EPI_ISL_1266816, EPI_ISL_1266829, EPI_ISL_1266851, EPI_ISL_1266859, EPI_ISL_1266991, EPI_ISL_1267012, EPI_ISL_1267018, EPI_ISL_1267021, EPI_ISL_1267024, EPI_ISL_1267051, EPI_ISL_1267114, EPI_ISL_1267124, EPI_ISL_1267130, EPI_ISL_1267136, EPI_ISL_1267159, EPI_ISL_1267176, EPI_ISL_1267182, EPI_ISL_1267183, EPI_ISL_1267191, EPI_ISL_1267211, EPI_ISL_1267214, EPI_ISL_1267232, EPI_ISL_1267247, EPI_ISL_1267295, EPI_ISL_1267321			
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_1267329	Mayo Clinic & Mayo Clinic Laboratories	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1267333, EPI_ISL_1267342, EPI_ISL_1267350, EPI_ISL_1267357, EPI_ISL_1267365, EPI_ISL_1267379, EPI_ISL_1267391, EPI_ISL_1267404, EPI_ISL_1267409, EPI_ISL_1267412, EPI_ISL_1267413, EPI_ISL_1267418, EPI_ISL_1267426, EPI_ISL_1267430, EPI_ISL_1267433, EPI_ISL_1267434, EPI_ISL_1267443, EPI_ISL_1267449, EPI_ISL_1267453, EPI_ISL_1267455, EPI_ISL_1267457, EPI_ISL_1267461, EPI_ISL_1267470, EPI_ISL_1267474, EPI_ISL_1267477, EPI_ISL_1267481, EPI_ISL_1267483, EPI_ISL_1267486, EPI_ISL_1267490, EPI_ISL_1267492			
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_1267505, EPI_ISL_1267507, EPI_ISL_1267513, EPI_ISL_1267514, EPI_ISL_1267537, EPI_ISL_1267542, EPI_ISL_1267545, EPI_ISL_1267548, EPI_ISL_1267557, EPI_ISL_1267568, EPI_ISL_1267569, EPI_ISL_1267575, EPI_ISL_1267582, EPI_ISL_1267598, EPI_ISL_1267606, EPI_ISL_1267607, EPI_ISL_1267629, EPI_ISL_1267634, EPI_ISL_1267635, EPI_ISL_1267645, EPI_ISL_1267648, EPI_ISL_1267659, EPI_ISL_1267666, EPI_ISL_1267691, EPI_ISL_1267748, EPI_ISL_1267765, EPI_ISL_1267776, EPI_ISL_1267782, EPI_ISL_1267790, EPI_ISL_1267806, EPI_ISL_1267815, EPI_ISL_1267817, EPI_ISL_1267818, EPI_ISL_1267820, EPI_ISL_1267839, EPI_ISL_1267843, EPI_ISL_1267845, EPI_ISL_1267851, EPI_ISL_1267873, EPI_ISL_1267876, EPI_ISL_1267878, EPI_ISL_1267880, EPI_ISL_1267881, EPI_ISL_1267889, EPI_ISL_1267904, EPI_ISL_1267914, EPI_ISL_1267912, EPI_ISL_1267918, EPI_ISL_1267920, EPI_ISL_1267934, EPI_ISL_1267938, EPI_ISL_1267954, EPI_ISL_1267971, EPI_ISL_1267978, EPI_ISL_1267988, EPI_ISL_1268000, EPI_ISL_1268012, EPI_ISL_1268018, EPI_ISL_1268064, EPI_ISL_1268069, EPI_ISL_1268075, EPI_ISL_1268076, EPI_ISL_1268087, EPI_ISL_1268096, EPI_ISL_1268099, EPI_ISL_1268109, EPI_ISL_1268113, EPI_ISL_1268116, EPI_ISL_1268146, EPI_ISL_1268147, EPI_ISL_1268148, EPI_ISL_1268163, EPI_ISL_1268182, EPI_ISL_1268185, EPI_ISL_1268186, EPI_ISL_1268190, EPI_ISL_1268222, EPI_ISL_1268231, EPI_ISL_1268237			
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_1268250	DPHL	Delaware Public Health Lab	Rebecca Savage
EPI_ISL_1268286, EPI_ISL_1268305, EPI_ISL_1268317, EPI_ISL_1268321, EPI_ISL_1268344, EPI_ISL_1268363, EPI_ISL_1268378, EPI_ISL_1268402, EPI_ISL_1268404, EPI_ISL_1268413, EPI_ISL_1268415, EPI_ISL_1268422, EPI_ISL_1268440, EPI_ISL_1268459, EPI_ISL_1268473, EPI_ISL_1268485, EPI_ISL_1268500, EPI_ISL_1268506, EPI_ISL_1268509, EPI_ISL_1268512, EPI_ISL_1268527, EPI_ISL_1268544, EPI_ISL_1268549, EPI_ISL_1268578, EPI_ISL_1268585, EPI_ISL_1268603, EPI_ISL_1268640, EPI_ISL_1268646, EPI_ISL_1268666, EPI_ISL_1268674, EPI_ISL_1268774, EPI_ISL_1268783, EPI_ISL_1268822, EPI_ISL_1268839, EPI_ISL_1268840, EPI_ISL_1268842, EPI_ISL_1268866, EPI_ISL_1268870, EPI_ISL_1268905, EPI_ISL_1268919, EPI_ISL_1268924, EPI_ISL_1268931, EPI_ISL_1268938, EPI_ISL_1268953, EPI_ISL_1268956, EPI_ISL_1268988, EPI_ISL_1269013, EPI_ISL_1269016, EPI_ISL_1269035, EPI_ISL_1269039, EPI_ISL_1269043, EPI_ISL_1269044, EPI_ISL_1269050, EPI_ISL_1269054, EPI_ISL_1269056, EPI_ISL_1269059, EPI_ISL_1269069, EPI_ISL_1269072, EPI_ISL_1269082, EPI_ISL_1269109, EPI_ISL_1269117, EPI_ISL_1269132, EPI_ISL_1269134, EPI_ISL_1269139, EPI_ISL_1269141, EPI_ISL_1269145, EPI_ISL_1269146, EPI_ISL_1269148, EPI_ISL_1269150, EPI_ISL_1269153, EPI_ISL_1269172, EPI_ISL_1269174, EPI_ISL_1269183, EPI_ISL_1269194, EPI_ISL_1269195, EPI_ISL_1269196, EPI_ISL_1269198, EPI_ISL_1269206, EPI_ISL_1269208, EPI_ISL_1269212, EPI_ISL_1269214, EPI_ISL_1269222, EPI_ISL_1269230, EPI_ISL_1269233, EPI_ISL_1269239, EPI_ISL_1269262, EPI_ISL_1269312, EPI_ISL_1269326, EPI_ISL_1269352, EPI_ISL_1269470, EPI_ISL_1269576, EPI_ISL_1269588, EPI_ISL_1269593, EPI_ISL_1269606, EPI_ISL_1269611, EPI_ISL_1269621, EPI_ISL_1269624, EPI_ISL_1269642, EPI_ISL_1269648, EPI_ISL_1269676, EPI_ISL_1269697, EPI_ISL_1269713, EPI_ISL_1269716, EPI_ISL_1269727, EPI_ISL_1269876, EPI_ISL_1269900, EPI_ISL_1269943, EPI_ISL_1269972, EPI_ISL_1269979, EPI_ISL_1269996, EPI_ISL_1270017, EPI_ISL_1270026, EPI_ISL_1270028, EPI_ISL_1270038, EPI_ISL_1270041, EPI_ISL_1270042, EPI_ISL_1270043, EPI_ISL_1270050, EPI_ISL_1270059, EPI_ISL_1270072, EPI_ISL_1270082, EPI_ISL_1270089, EPI_ISL_1270091, EPI_ISL_1270132, EPI_ISL_1270135, EPI_ISL_1270144, EPI_ISL_1270168, EPI_ISL_1270174, EPI_ISL_1270192, EPI_ISL_1270195, EPI_ISL_1270199, EPI_ISL_1270234, EPI_ISL_1270246, EPI_ISL_1270269, EPI_ISL_1270273, EPI_ISL_1270278, EPI_ISL_1270290, EPI_ISL_1270297, EPI_ISL_1270300, EPI_ISL_1270311, EPI_ISL_1270320, EPI_ISL_1270325, EPI_ISL_1270334, EPI_ISL_1270357, EPI_ISL_1270363, EPI_ISL_1270365, EPI_ISL_1270366, EPI_ISL_1270400, EPI_ISL_1270420, EPI_ISL_1270438, EPI_ISL_1270439, EPI_ISL_1270442, EPI_ISL_1270443, EPI_ISL_1270448, EPI_ISL_1270451, EPI_ISL_1270457, EPI_ISL_1270459, EPI_ISL_1270461, EPI_ISL_1270462, EPI_ISL_1270467, EPI_ISL_1270468, EPI_ISL_1270470, EPI_ISL_1270473, EPI_ISL_1270475, EPI_ISL_1270478, EPI_ISL_1270480, EPI_ISL_1270502, EPI_ISL_1270512, EPI_ISL_1270538, EPI_ISL_1270542, EPI_ISL_1270544, EPI_ISL_1270555, EPI_ISL_1270568, EPI_ISL_1270572, EPI_ISL_1270576, EPI_ISL_1270585, EPI_ISL_1270590, EPI_ISL_1270597, EPI_ISL_1270603, EPI_ISL_1270610, EPI_ISL_1270625, EPI_ISL_1270663, EPI_ISL_1270665, EPI_ISL_1270669, EPI_ISL_1270678, EPI_ISL_1270689, EPI_ISL_1270703, EPI_ISL_1270722, EPI_ISL_1270727, EPI_ISL_1270746, EPI_ISL_1270749, EPI_ISL_1270753, EPI_ISL_1270754, EPI_ISL_1270760, EPI_ISL_1270761, EPI_ISL_1270767, EPI_ISL_1270770			
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_1270787, EPI_ISL_1270788, EPI_ISL_1270789, EPI_ISL_1270793, EPI_ISL_1270795	Nevada State Public Health Laboratory	Nevada State Public Health Laboratory	Andrew Gorzalski, Mark Pandori
EPI_ISL_1272602, EPI_ISL_1272604	NM Dept. Health, Scientific Laboratory Division	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1272686	AK State Public Health Lab, State Health Department	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1272699, EPI_ISL_1272704	IL Dept. of Public Health Springfield Laboratory	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1272731	VA-Division of Consolidated Laboratory Services	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1272733, EPI_ISL_1272737, EPI_ISL_1272738, EPI_ISL_1272746,	WA State Department of Health	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine



EPI_ISL_1272747, EPI_ISL_1272750, EPI_ISL_1272755			Lacek, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1272767	SC Dept of Health and Env. Control-Bureau of Laboratories	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1272798, EPI_ISL_1272799, EPI_ISL_1272801, EPI_ISL_1272804, EPI_ISL_1272805, EPI_ISL_1272806, EPI_ISL_1272807	NV State 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_1272824, EPI_ISL_1272832	UT-Unified State Labs: Public Health Utah DOH	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew 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_1272873, EPI_ISL_1272874, EPI_ISL_1272875, EPI_ISL_1272876, EPI_ISL_1272877, EPI_ISL_1272878, EPI_ISL_1272880, EPI_ISL_1272882, EPI_ISL_1272883, EPI_ISL_1272884, EPI_ISL_1272885, EPI_ISL_1272887, EPI_ISL_1272891, EPI_ISL_1272893, EPI_ISL_1272894, EPI_ISL_1272895			
see above	CA-Los Angeles County Public Health Laboratory	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1272916, EPI_ISL_1272917	PR 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 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_1272923, EPI_ISL_1272927	NYSDOH Wadsworth Center, Virology 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 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_1272930, EPI_ISL_1272937	IA State Hygienic 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_1272950, EPI_ISL_1272961, EPI_ISL_1272966	WY Public Health Laboratory	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew 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_1272972, EPI_ISL_1272973, EPI_ISL_1272975, EPI_ISL_1272976, EPI_ISL_1272979, EPI_ISL_1272980, EPI_ISL_1272981, EPI_ISL_1272985, EPI_ISL_1272986, EPI_ISL_1272987	NV-Southern Nevada Public Health Laboratory	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew 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_1272990, EPI_ISL_1272992	MT Public Health Laboratory	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1273047	NYC Department of Health and Mental Hygiene	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_1273313, EPI_ISL_1273334, EPI_ISL_1273353, EPI_ISL_1273358, EPI_ISL_1273367, EPI_ISL_1273368	The Jackson Laboratory	The Jackson Laboratory	Bergeron D, Renzette N, Adams M, Omerza G, Kelly K, Li L
EPI_ISL_1279322, EPI_ISL_1279330, EPI_ISL_1279335, EPI_ISL_1279351, EPI_ISL_1279352, EPI_ISL_1279358	Unidad de Investigación Biomédica de Zacatecas (UIBZ)	Instituto Nacional de Enfermedades Respiratorias (INER): Centro de Investigación en Enfermedades Infecciosas (CIENI)	Consortio Mexicano de Vigilancia Genómica (CoViGen-Mex). Authors (in alphabetical order): Julio Elias Alvarado-Yaah, Carlos F. Arias, Santiago Ávila-Ríos, Víctor Hugo Borja-Aburto, Celia Boukadida, Juan Bautista Chale-Dzul , José Antonio Enciso-Moreno, Gloria Elena Espinoza-Ayala, Fernando Fontove-Herrera, Concepción Grajales-Muñiz, Ricardo Grande, Alfredo Herrera-Estrella, Carla Ivón Herrera-Najera, Pavel Isa, Brenda Irasema Maldonado-Meza, Bernardo Martínez-Miguel, Margarita Matías-Florentino, María Guadalupe de Jesús Mireles-Rivera, Gloria María Molina-Salinas, Hector Montoya-Fuentes, José Esteban Muñoz-Medina, José de Jesús Nuñez-Contreras, Alicia Ocaña-Mondragón, Luis Alberto Ochoa-Carrera, Hector Esteban Paz-Juárez, Francisco Pulido, Helen Haydee Fernanda Ramírez-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_1279393	Laboratorio Central de Epidemiología (LCE)	Instituto Nacional de Enfermedades Respiratorias (INER): Centro de Investigación en Enfermedades Infecciosas (CIENI)	Consortio Mexicano de Vigilancia Genómica (CoViGen-Mex). Authors (in alphabetical order): Julio Elias Alvarado-Yaah, Carlos F. Arias, Santiago Ávila-Ríos, Víctor Hugo Borja-Aburto, Celia Boukadida, Juan Bautista Chale-Dzul , José Antonio Enciso-Moreno, Gloria Elena Espinoza-Ayala, Fernando Fontove-Herrera, Concepción Grajales-Muñiz, Ricardo Grande, Alfredo Herrera-Estrella, Carla Ivón Herrera-Najera, Pavel Isa, Brenda Irasema Maldonado-Meza, Bernardo Martínez-Miguel, Margarita Matías-Florentino, María Guadalupe de Jesús Mireles-Rivera, Gloria María Molina-Salinas, Hector Montoya-Fuentes, José Esteban Muñoz-Medina, José de Jesús Nuñez-Contreras, Alicia Ocaña-Mondragón, Luis Alberto Ochoa-Carrera, Hector Esteban Paz-Juárez, Francisco Pulido, Helen Haydee Fernanda Ramírez-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_1279528	Centro de Investigación Biomédica del Noreste (CIBIN)	Instituto Nacional de Enfermedades Respiratorias (INER): Centro de Investigación en Enfermedades Infecciosas (CIENI)	Consortio Mexicano de Vigilancia Genómica (CoViGen-Mex). Authors (in alphabetical order): Julio Elias Alvarado-Yaah, Carlos F. Arias, Santiago Ávila-Ríos, Víctor Hugo Borja-Aburto, Celia Boukadida, Juan Bautista Chale-Dzul , José Antonio Enciso-Moreno, Gloria Elena Espinoza-Ayala, Fernando Fontove-Herrera, Concepción Grajales-Muñiz, Ricardo Grande, Alfredo Herrera-Estrella, Carla Ivón Herrera-Najera, Pavel Isa, Brenda Irasema Maldonado-Meza, Bernardo Martínez-Miguel, Margarita Matías-Florentino, María Guadalupe de Jesús Mireles-Rivera, Gloria María Molina-Salinas, Hector Montoya-Fuentes, José Esteban Muñoz-Medina, José de Jesús Nuñez-Contreras, Alicia Ocaña-Mondragón, Luis Alberto Ochoa-Carrera, Hector Esteban Paz-Juárez, Francisco Pulido, Helen Haydee Fernanda Ramírez-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_1279895	Nebraska Public Health Laboratory	NPHL COVID-19 Response Team	NPHL COVID-19 Response Team
EPI_ISL_1283141, EPI_ISL_1283165	MVZ Labor Dr. Limbach & Kollegen GbR	Robert Koch Institute	unknown
EPI_ISL_1283377, EPI_ISL_1283409, EPI_ISL_1283427, EPI_ISL_1283448, EPI_ISL_1283456, EPI_ISL_1283547, EPI_ISL_1283602, EPI_ISL_1283629, EPI_ISL_1283660, EPI_ISL_1283677, EPI_ISL_1283699, EPI_ISL_1283714, EPI_ISL_1283740, EPI_ISL_1283742, EPI_ISL_1283752, EPI_ISL_1283776, EPI_ISL_1283821, EPI_ISL_1283838, EPI_ISL_1283843, EPI_ISL_1283851, EPI_ISL_1283853, EPI_ISL_1283862, EPI_ISL_1283877, EPI_ISL_1283884, EPI_ISL_1283891, EPI_ISL_1283906, EPI_ISL_1283930, EPI_ISL_1283952, EPI_ISL_1283956, EPI_ISL_1283962, EPI_ISL_1283981, EPI_ISL_1283985, EPI_ISL_1283990, EPI_ISL_1284006, EPI_ISL_1284019, EPI_ISL_1284032, EPI_ISL_1284051, EPI_ISL_1284056, EPI_ISL_1284120, EPI_ISL_1284134, EPI_ISL_1284231, EPI_ISL_1284264, EPI_ISL_1284285, EPI_ISL_1284295, EPI_ISL_1284309, EPI_ISL_1284400, EPI_ISL_1284410			
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, Efen Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1288371, EPI_ISL_1288374, EPI_ISL_1288427, EPI_ISL_1288437	Laboratorio Central de Epidemiología (LCE)	Instituto de Biotecnología de la UNAM	Consortio Mexicano de Vigilancia Genómica (CoViGen-Mex). Authors (in alphabetical order): Julio Elias Alvarado-Yaah, Carlos F. Arias, Santiago Ávila-Ríos, Víctor Hugo Borja-Aburto, Celia Boukadida, Juan Bautista Chale-Dzul , José Antonio Enciso-Moreno, Gloria Elena Espinoza-Ayala, Fernando Fontove-Herrera, Concepción Grajales-Muñiz, Ricardo Grande, Alfredo Herrera-Estrella, Carla Ivón Herrera-Najera, Pavel Isa, Brenda Irasema Maldonado-Meza, Bernardo Martínez-Miguel, Margarita Matías-Florentino, María Guadalupe de Jesús Mireles-Rivera, Gloria María Molina-Salinas, Hector Montoya-Fuentes, José Esteban Muñoz-Medina, José de Jesús Nuñez-Contreras, Alicia Ocaña-Mondragón, Luis Alberto Ochoa-Carrera, Hector Esteban

			Paz-Juárez, Francisco Pulido, Helen Haydee Fernanda Ramirez-Plascencia, Angel Gustavo Salas-Lais, Jorge Ivan Salinal-Nevarez, Alejandro Sanchez-Flores, Clara Esperanza Santacruz-Tinoco, Maria Guadalupe Santiago-Mauricio , Nelly Sélem-Mojica, Blanca Taboada , Gloria Vazquez
EPI_ISL_1289227	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_1289448, EPI_ISL_1289514, EPI_ISL_1289578, EPI_ISL_1289599, EPI_ISL_1289640, EPI_ISL_1289717	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_1290809, EPI_ISL_1290812, EPI_ISL_1290813, EPI_ISL_1290814, EPI_ISL_1290818, EPI_ISL_1290820, EPI_ISL_1290821, EPI_ISL_1290822, EPI_ISL_1290823, EPI_ISL_1290824, EPI_ISL_1290826, EPI_ISL_1290827, EPI_ISL_1290828, EPI_ISL_1290831, EPI_ISL_1290834			
see above	Oregon State University TRACE Project	OSU Center for Genome Research and Biocomputing	Oregon State University TRACE Project
EPI_ISL_1290982, EPI_ISL_1290984, EPI_ISL_1290987, EPI_ISL_1290988, EPI_ISL_1290989, EPI_ISL_1290997, EPI_ISL_1291004, EPI_ISL_1291005, EPI_ISL_1291007, EPI_ISL_1291018, EPI_ISL_1291028, EPI_ISL_1291031, EPI_ISL_1291032, EPI_ISL_1291036, EPI_ISL_1291038, EPI_ISL_1291040, EPI_ISL_1291042, EPI_ISL_1291046, EPI_ISL_1291047, EPI_ISL_1291049, EPI_ISL_1291060, EPI_ISL_1291066, EPI_ISL_1291069, EPI_ISL_1291074, EPI_ISL_1291078, EPI_ISL_1291079, EPI_ISL_1291082, EPI_ISL_1291085, EPI_ISL_1291087, EPI_ISL_1291092, EPI_ISL_1291094, EPI_ISL_1291096, EPI_ISL_1291099, EPI_ISL_1291100, EPI_ISL_1291105, EPI_ISL_1291106, EPI_ISL_1291110, EPI_ISL_1291112, EPI_ISL_1291114, EPI_ISL_1291121, EPI_ISL_1291123, EPI_ISL_1291125, EPI_ISL_1291126, EPI_ISL_1291128, EPI_ISL_1291130, EPI_ISL_1291134, EPI_ISL_1291136, EPI_ISL_1291137, EPI_ISL_1291138, EPI_ISL_1291142, EPI_ISL_1291143, EPI_ISL_1291144, EPI_ISL_1291146, EPI_ISL_1291149, EPI_ISL_1291150, EPI_ISL_1291151, EPI_ISL_1291154, EPI_ISL_1291155, EPI_ISL_1291156, EPI_ISL_1291159, EPI_ISL_1291162, EPI_ISL_1291163, EPI_ISL_1291168, EPI_ISL_1291170, EPI_ISL_1291171, EPI_ISL_1291172, EPI_ISL_1291175, EPI_ISL_1291179			
see above	Quest Diagnostics Incorporated	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1291347	TXDSHS	TXDSHS	Rashmi Tuladhar, Bonnie Oh, Jenny Zhang, Maliha Rahman, Mayela Pedrueza, Anita Pokharel, Myong Koag, Chun Wang, Rachel Lee, Grace Kubin
EPI_ISL_1291615, EPI_ISL_1291628, EPI_ISL_1291635, EPI_ISL_1291642, EPI_ISL_1291644, EPI_ISL_1291645	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_1291664, EPI_ISL_1291667, EPI_ISL_1291669, EPI_ISL_1291679, EPI_ISL_1291682, EPI_ISL_1291688, EPI_ISL_1291689, EPI_ISL_1291690, EPI_ISL_1291692, EPI_ISL_1291694, EPI_ISL_1291700, EPI_ISL_1291704, EPI_ISL_1291705, EPI_ISL_1291706, EPI_ISL_1291707, EPI_ISL_1291717, EPI_ISL_1291735			
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, Efreem S. Lim
EPI_ISL_1291743	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Department
EPI_ISL_1291752	Montana Public Health Laboratory	Montana Public Health Laboratory	Joy Ritter, Michelle Mozer, Carrie Biskupiak, Deborah Gibson
EPI_ISL_1292098, EPI_ISL_1292123, EPI_ISL_1292130, EPI_ISL_1292149, EPI_ISL_1292156, EPI_ISL_1292159, EPI_ISL_1292173, EPI_ISL_1292212, EPI_ISL_1292217, EPI_ISL_1292222, EPI_ISL_1292242, EPI_ISL_1292259, EPI_ISL_1292272, EPI_ISL_1292278, EPI_ISL_1292281, EPI_ISL_1292289, EPI_ISL_1292295, EPI_ISL_1292298, EPI_ISL_1292313, EPI_ISL_1292319, EPI_ISL_1292323, EPI_ISL_1292324, EPI_ISL_1292328, EPI_ISL_1292350, EPI_ISL_1292357, EPI_ISL_1292359			
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_1292370	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_1292375, EPI_ISL_1292391, EPI_ISL_1292396	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_1292403	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_1292407, EPI_ISL_1292422	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_1292611, EPI_ISL_1292615, EPI_ISL_1292617, EPI_ISL_1292619, EPI_ISL_1292620, EPI_ISL_1292621, EPI_ISL_1292622, EPI_ISL_1292623, EPI_ISL_1292625, EPI_ISL_1292629, EPI_ISL_1292630, EPI_ISL_1292631, EPI_ISL_1292632, EPI_ISL_1292633, EPI_ISL_1292634, EPI_ISL_1292635, EPI_ISL_1292639, EPI_ISL_1292641, EPI_ISL_1292642, EPI_ISL_1292643, EPI_ISL_1292644, EPI_ISL_1292645, EPI_ISL_1292646, EPI_ISL_1292647, EPI_ISL_1292650, EPI_ISL_1292652, EPI_ISL_1292653, EPI_ISL_1292654, EPI_ISL_1292656, EPI_ISL_1292657, EPI_ISL_1292658, EPI_ISL_1292659, EPI_ISL_1292661, EPI_ISL_1292662, EPI_ISL_1292663, EPI_ISL_1292664, EPI_ISL_1292665, EPI_ISL_1292666, EPI_ISL_1292667, EPI_ISL_1292669, EPI_ISL_1292677, EPI_ISL_1292678, EPI_ISL_1292679, EPI_ISL_1292680, EPI_ISL_1292681, EPI_ISL_1292686, EPI_ISL_1292687, EPI_ISL_1292689, EPI_ISL_1292690, EPI_ISL_1292692, EPI_ISL_1292694, EPI_ISL_1292695, EPI_ISL_1292696, EPI_ISL_1292697, EPI_ISL_1292698, EPI_ISL_1292699, EPI_ISL_1292700, EPI_ISL_1292702, EPI_ISL_1292703, EPI_ISL_1292707, EPI_ISL_1292708, EPI_ISL_1292715, EPI_ISL_1292717, EPI_ISL_1292720, EPI_ISL_1292721, EPI_ISL_1292723, EPI_ISL_1292724, EPI_ISL_1292725, EPI_ISL_1292726, EPI_ISL_1292732, EPI_ISL_1292733, EPI_ISL_1292737, EPI_ISL_1292738, EPI_ISL_1292745, EPI_ISL_1292746, EPI_ISL_1292747, EPI_ISL_1292748, EPI_ISL_1292749, EPI_ISL_1292750, EPI_ISL_1292751, EPI_ISL_1292752, EPI_ISL_1292756, EPI_ISL_1292757, EPI_ISL_1292758, EPI_ISL_1292759, EPI_ISL_1292765, EPI_ISL_1292766, EPI_ISL_1292767, EPI_ISL_1292769, EPI_ISL_1292771, EPI_ISL_1292773, EPI_ISL_1292776, EPI_ISL_1292778, EPI_ISL_1292779, EPI_ISL_1292780, EPI_ISL_1292783, EPI_ISL_1292787, EPI_ISL_1292788, EPI_ISL_1292789, EPI_ISL_1292792, EPI_ISL_1292793, EPI_ISL_1292794, EPI_ISL_1292795, EPI_ISL_1292798, EPI_ISL_1292799, EPI_ISL_1292801, EPI_ISL_1292802, EPI_ISL_1292803, EPI_ISL_1292805, EPI_ISL_1292806			
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_1292869	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_1293129, EPI_ISL_1293131	Murphy Medical Association	Grubaugh Lab - Yale School of Public Health	Joseph Fauver, Mallery Breban, Isabell Ott, Tara Alpert, Mary Petrone, Anderson Brito, Chantal Vogels, Annie Watkins, Chaney Kalinich, Jessica Rothman, Caleb Neal, Eva Laszlo, Steven Murphy, Nathan Grubaugh
EPI_ISL_1295194, EPI_ISL_1295234, EPI_ISL_1295236, EPI_ISL_1295333, EPI_ISL_1295339, EPI_ISL_1295361, EPI_ISL_1295380, EPI_ISL_1295392, EPI_ISL_1295400, EPI_ISL_1295402, EPI_ISL_1295403, EPI_ISL_1295404, EPI_ISL_1295440, EPI_ISL_1295463, EPI_ISL_1295477, EPI_ISL_1295505, EPI_ISL_1295546, EPI_ISL_1295548, EPI_ISL_1295562			
see above	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Kelsey R. Florek, Abigail C. Shockey
EPI_ISL_1295675, EPI_ISL_1295688, EPI_ISL_1295693, EPI_ISL_1295695, EPI_ISL_1295697, EPI_ISL_1295699, EPI_ISL_1295701, EPI_ISL_1295702, EPI_ISL_1295705, EPI_ISL_1295713, EPI_ISL_1295715, EPI_ISL_1295717, EPI_ISL_1295721, EPI_ISL_1295725, EPI_ISL_1295729, EPI_ISL_1295734, EPI_ISL_1295737, EPI_ISL_1295738, EPI_ISL_1295742, EPI_ISL_1295743, EPI_ISL_1295744, EPI_ISL_1295750, EPI_ISL_1295751, EPI_ISL_1295755, EPI_ISL_1295758, EPI_ISL_1295763, EPI_ISL_1295767, EPI_ISL_1295771, EPI_ISL_1295778, EPI_ISL_1295784, EPI_ISL_1295785, EPI_ISL_1295787, EPI_ISL_1295789, EPI_ISL_1295790, EPI_ISL_1295795			
see above	Sharp HealthCare Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Aaron Harding, Jacquelyn Berumen, Cathy Woerle, Liam McGinnis, Art Mendoza, Omid Bakhtar
EPI_ISL_1295812	Rady Children's Hospital - San Diego	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Nanda Radamchar, David Dimmock, Linda Luo, Christina Clarke, Kathryn Bouic, Teresa Mueller, Denise Malicki
EPI_ISL_1295815, EPI_ISL_1295817	San Diego County Public Health Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Tracy Basler, Jovan Shephard, Brett Austin
EPI_ISL_1295902, EPI_ISL_1295906, EPI_ISL_1295907, EPI_ISL_1295908	Nevada State Public Health Laboratory	Nevada State Public Health Laboratory	Andrew Gorzalski, Mark Pandori
EPI_ISL_1296488	Montana Public Health Laboratory	Montana Public Health Laboratory	Joy Ritter, Michelle Mozer, Carrie Biskupiak, Deborah Gibson
EPI_ISL_1296691, EPI_ISL_1296693, EPI_ISL_1296699	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_1296728	Montana Public Health Laboratory	Montana Public Health Laboratory	Joy Ritter, Michelle Mozer, Carrie Biskupiak, Deborah Gibson
EPI_ISL_1296742	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_1296745, EPI_ISL_1296753, EPI_ISL_1296770, EPI_ISL_1296772	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_1296783	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_1296789, EPI_ISL_1296806, EPI_ISL_1296809	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_1296827	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_1296858, EPI_ISL_1296861	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_1296872	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_1296874, EPI_ISL_1296875, EPI_ISL_1296880, EPI_ISL_1296883, EPI_ISL_1296886, EPI_ISL_1296889	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_1296912	TGen North	Sonora Quest Laboratories	"Jolene Bowers, Heather Centner, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)"	
EPI_ISL_1296938, EPI_ISL_1296941, EPI_ISL_1296946, EPI_ISL_1296950	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_1296958	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_1296967, EPI_ISL_1296978, EPI_ISL_1296980, EPI_ISL_1296982, EPI_ISL_1296983	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_1296987	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_1296991, EPI_ISL_1296996, EPI_ISL_1297004, EPI_ISL_1297011, EPI_ISL_1297015, EPI_ISL_1297017, EPI_ISL_1297022, EPI_ISL_1297030, EPI_ISL_1297037, EPI_ISL_1297043	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_1297047	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_1297049, EPI_ISL_1297060	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_1297077	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_1297079, EPI_ISL_1297091	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_1297118	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_1297125, EPI_ISL_1297128, EPI_ISL_1297130, EPI_ISL_1297137, EPI_ISL_1297138, EPI_ISL_1297141, EPI_ISL_1297154	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_1297496	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_1297505, EPI_ISL_1297506, EPI_ISL_1297516, EPI_ISL_1297528, EPI_ISL_1297534, EPI_ISL_1297545, EPI_ISL_1297551, EPI_ISL_1297554, EPI_ISL_1297573, EPI_ISL_1297580, EPI_ISL_1297582, EPI_ISL_1297595, EPI_ISL_1297596, EPI_ISL_1297604, EPI_ISL_1297607, EPI_ISL_1297614, EPI_ISL_1297616, EPI_ISL_1297624, EPI_ISL_1297631, EPI_ISL_1297633, EPI_ISL_1297637, EPI_ISL_1297645, EPI_ISL_1297658, EPI_ISL_1297661, EPI_ISL_1297664, EPI_ISL_1297673, EPI_ISL_1297689, EPI_ISL_1297691, EPI_ISL_1297699, EPI_ISL_1297712, EPI_ISL_1297713, EPI_ISL_1297720, EPI_ISL_1297731, EPI_ISL_1297744, EPI_ISL_1297745, EPI_ISL_1297751, EPI_ISL_1297757, EPI_ISL_1297769, EPI_ISL_1297786, EPI_ISL_1297790, EPI_ISL_1297793, EPI_ISL_1297796, EPI_ISL_1297806, EPI_ISL_1297823	Quest Diagnostics Incorporated	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell	
EPI_ISL_1297859, EPI_ISL_1297861, EPI_ISL_1297863, EPI_ISL_1297893, EPI_ISL_1297900, EPI_ISL_1297901, EPI_ISL_1297924, EPI_ISL_1297951, EPI_ISL_1297974, EPI_ISL_1297992, EPI_ISL_1297997, EPI_ISL_1298013, EPI_ISL_1298023, EPI_ISL_1298028, EPI_ISL_1298044, EPI_ISL_1298045, EPI_ISL_1298047, EPI_ISL_1298060, EPI_ISL_1298074, EPI_ISL_1298077, EPI_ISL_1298098, EPI_ISL_1298114, EPI_ISL_1298138, EPI_ISL_1298140, EPI_ISL_1298144, EPI_ISL_1298154, EPI_ISL_1298166, EPI_ISL_1298168, EPI_ISL_1298171, EPI_ISL_1298172, EPI_ISL_1298182, EPI_ISL_1298185	see above	Helix/Illumina	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, Eileen de Feo, Jan Antico, Christine Tran, Matthew Tolentino, Shannon Wickline, Kim Gietzen, Brad Sickler, Jingtao Liu, Eric Allen, Phil Febbo, Summer Galloway, Nicole L. Washington, Simon White, Geraint Levan, Kelly Schiabor Barrett, Elizabeth Cirulli, Alexandre Bolze, Ary Ascencio, Charlotte Rivera-Garcia, Ryan Cho, Jason Nguyen, Sherry Wang, Jimmy Ramirez, Tyler Cassens, Efren Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1299316, EPI_ISL_1299320	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_1300090, EPI_ISL_1300091, EPI_ISL_1300092, EPI_ISL_1300099, EPI_ISL_1300100, EPI_ISL_1300103, EPI_ISL_1300110, EPI_ISL_1300113, EPI_ISL_1300116, EPI_ISL_1300124, EPI_ISL_1300126, EPI_ISL_1300133, EPI_ISL_1300138, EPI_ISL_1300140, EPI_ISL_1300142, EPI_ISL_1300167, EPI_ISL_1300170	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_1300273	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_1300420	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, Myong Koag, Chun Wang, Rachel Lee, Grace Kubin	
EPI_ISL_1300547, EPI_ISL_1300558, EPI_ISL_1300562, EPI_ISL_1300567, EPI_ISL_1300568, EPI_ISL_1300576, EPI_ISL_1300588, EPI_ISL_1300592, EPI_ISL_1300593, EPI_ISL_1300610, EPI_ISL_1300625, EPI_ISL_1300633, EPI_ISL_1300638, EPI_ISL_1300642	see above	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin L. Young, Kelly F. Oakeson, Tara Gallagher
EPI_ISL_1303033, EPI_ISL_1303072, EPI_ISL_1303093, EPI_ISL_1303101, EPI_ISL_1303117, EPI_ISL_1303119	Microbiology Division, South Carolina Department of Health and Environmental Control	Microbiology Division, South Carolina Department of Health and Environmental Control	Flores,H., Freeman,J.	
EPI_ISL_1303404, EPI_ISL_1303406	Pomona Valley Hospital Medical Center	Los Angeles County PHL	P. Hemarajata et al.	
EPI_ISL_1303408	USC Clinical Lab	Los Angeles County PHL	P. Hemarajata et al.	

EPI_ISL_1303414	Martin Luther King Jr. Community Hospital	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1303417, EPI_ISL_1303418, EPI_ISL_1303419, EPI_ISL_1303420	MD Laboratories	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1303424	USC Clinical Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1303432, EPI_ISL_1303433, EPI_ISL_1303437	UCLA Clinical Micro Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1303438	USC Clinical Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1303439	Martin Luther King Jr. Community Hospital	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1303440, EPI_ISL_1303445	USC Clinical Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1303447	Martin Luther King Jr. Community Hospital	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1303448	USC Clinical Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1303449, EPI_ISL_1303450, EPI_ISL_1303451, EPI_ISL_1303455, EPI_ISL_1303461	UCLA Clinical Micro Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1303464, EPI_ISL_1303465, EPI_ISL_1303466, EPI_ISL_1303467, EPI_ISL_1303470	USC Clinical Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1303471	Henry Mayo Newhall Hospital	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1303472, EPI_ISL_1303473	Pomona Valley Hospital Medical Center	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1303482	Martin Luther King Jr. Community Hospital	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1303560, EPI_ISL_1303565, EPI_ISL_1303585, EPI_ISL_1303641, EPI_ISL_1303650, EPI_ISL_1304317, EPI_ISL_1304334, EPI_ISL_1304337, EPI_ISL_1304342, EPI_ISL_1304382, EPI_ISL_1304398, EPI_ISL_1305160, EPI_ISL_1305162, EPI_ISL_1305164, EPI_ISL_1305165, EPI_ISL_1305202, EPI_ISL_1305214, EPI_ISL_1305229, EPI_ISL_1305252, EPI_ISL_1305344, EPI_ISL_1305347, EPI_ISL_1305371, EPI_ISL_1305454, EPI_ISL_1305545, EPI_ISL_1305568, EPI_ISL_1305569, EPI_ISL_1305579, EPI_ISL_1305587, EPI_ISL_1305621, EPI_ISL_1305673, EPI_ISL_1305682, EPI_ISL_1305683, EPI_ISL_1305695, EPI_ISL_1305721, EPI_ISL_1305754, EPI_ISL_1305760			
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_1306092	UW Virology Lab	UW Virology Lab	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_1306093	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_1306293, EPI_ISL_1306405, EPI_ISL_1306554, EPI_ISL_1306789, EPI_ISL_1307045, EPI_ISL_1307209, EPI_ISL_1307217, EPI_ISL_1307244, EPI_ISL_1307245, EPI_ISL_1307246, EPI_ISL_1307261, EPI_ISL_1307262, EPI_ISL_1307432, EPI_ISL_1307525			
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, Sol Rey, Dylan Law, Haiping Hao, Jon Laurent
EPI_ISL_1307717	Baylor Esoteric + Molecular Lab	Baylor Esoteric + Molecular Lab	Elizabeth Forrester, Dawn Richards
EPI_ISL_1314073, EPI_ISL_1314076, EPI_ISL_1314149	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_1314272	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_1314301, EPI_ISL_1314306	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1314335, EPI_ISL_1314338, EPI_ISL_1314352	Vault Health	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1314557, EPI_ISL_1314564, EPI_ISL_1314582, EPI_ISL_1314588, EPI_ISL_1314598, EPI_ISL_1314599, EPI_ISL_1314618, EPI_ISL_1314619, EPI_ISL_1314623, EPI_ISL_1314634, EPI_ISL_1314660, EPI_ISL_1314672, EPI_ISL_1314697, EPI_ISL_1314714, EPI_ISL_1314720, EPI_ISL_1314723, EPI_ISL_1314727, EPI_ISL_1314738, EPI_ISL_1314747, EPI_ISL_1314756, EPI_ISL_1314757, EPI_ISL_1314764, EPI_ISL_1314777, EPI_ISL_1314778, EPI_ISL_1314780, EPI_ISL_1314786, EPI_ISL_1314794, EPI_ISL_1314801, EPI_ISL_1314845, EPI_ISL_1314848, EPI_ISL_1314880, EPI_ISL_1314881, EPI_ISL_1314893, EPI_ISL_1314897, EPI_ISL_1314900, EPI_ISL_1314901, EPI_ISL_1314907, EPI_ISL_1314910, EPI_ISL_1314915, EPI_ISL_1314919, EPI_ISL_1314937, EPI_ISL_1314939, EPI_ISL_1314940, EPI_ISL_1314956, EPI_ISL_1314964			
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_1315094, EPI_ISL_1315095, EPI_ISL_1315102, EPI_ISL_1315105, EPI_ISL_1315106, EPI_ISL_1315107	Nevada State Public Health Laboratory	Nevada State Public Health Laboratory	Andrew Gorzalski, Mark Pandori
EPI_ISL_1315162, EPI_ISL_1315187	The Jackson Laboratory	The Jackson Laboratory	Bergeron D, Renzette N, Adams M, Omerza G, Kelly K, Li L
EPI_ISL_1318234	IL Department of Public Health Chicago Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Brian Lynch, Anna Kelleher, Krista Queen, Anna Uehara, Peter Cook, Han Jia Justin Ng, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_1318303	TN Division of Laboratory Services	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1318326	UT-Unified State Labs: Public Health Utah DOH	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1318330, EPI_ISL_1318343	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 Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1318354	KS 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 Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1318371	SC Dept of Health and Env. Control-Bureau of Laboratories	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1318377	CA-Los Angeles County Public Health Laboratory	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee

EPI_ISL_1318429, EPI_ISL_1318440	ND Dept. of Health Laboratory Services-Microbiology	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_1318446	"TX DSHS, Lab Services Section MC 1947"	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_1318449, EPI_ISL_1318451	RI State Health Laboratories	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee	
EPI_ISL_1318470, EPI_ISL_1318471, EPI_ISL_1318473	MT Public Health Laboratory	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee	
EPI_ISL_1318488, EPI_ISL_1318490, EPI_ISL_1318495, EPI_ISL_1318498, EPI_ISL_1318499	"HI Dept. of Health, State Laboratories Division"	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee	
EPI_ISL_1318502, EPI_ISL_1318504	SD 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_1318534	WI State Laboratory of Hygiene	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_1318563, EPI_ISL_1318577, EPI_ISL_1318589	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_1318629	LA Office of Public Health Laboratories	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee	
EPI_ISL_1318654, EPI_ISL_1318656, EPI_ISL_1318657, EPI_ISL_1318660	"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_1318672	"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 Lacek, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee	
EPI_ISL_1318761, EPI_ISL_1318777, EPI_ISL_1318786, EPI_ISL_1318787, EPI_ISL_1318832, EPI_ISL_1318833, EPI_ISL_1318841, EPI_ISL_1318846, EPI_ISL_1318851, EPI_ISL_1318852, EPI_ISL_1318855, EPI_ISL_1318856, EPI_ISL_1318857, EPI_ISL_1318863, EPI_ISL_1318866, EPI_ISL_1318867, EPI_ISL_1318868, EPI_ISL_1318869, EPI_ISL_1318874, EPI_ISL_1318876, EPI_ISL_1318876, EPI_ISL_1318896, EPI_ISL_1318900, EPI_ISL_1318901, EPI_ISL_1318902, EPI_ISL_1318908, EPI_ISL_1318911, EPI_ISL_1318924, EPI_ISL_1318927, EPI_ISL_1318928, EPI_ISL_1318937, EPI_ISL_1318943, EPI_ISL_1318945, EPI_ISL_1318945, EPI_ISL_1318951, EPI_ISL_1318954, EPI_ISL_1318979, EPI_ISL_1318982	see above	DeRisi Lab, University of California, San Francisco	DeRisi Lab, University of California, San Francisco	Sabrina Mann, Anthea Mitchell, Jamin Liu, Sara Sunshine, Matthew Laurie, Genay Pilarowski, Amy Kistler, Manu Vanaerschot, Patrick Ayscue, Lucy Li, Eric Chow, IDseq Team, James Peng, Carina Marquez, Luis Rubio, Gabriel Chamie, Diane Jones, Jon Jacobo, Susana Rojas, Susy Rojas, Valerie Tulier-Laiwa, Douglas Black, Jackie Martinez, Maya Petersen, Diane Havlir, and Joseph DeRisi
EPI_ISL_1319074, EPI_ISL_1319087, EPI_ISL_1319089, EPI_ISL_1319138, EPI_ISL_1319151, EPI_ISL_1319194, EPI_ISL_1319211, EPI_ISL_1319242, EPI_ISL_1319246, EPI_ISL_1319251, EPI_ISL_1319311, EPI_ISL_1319442, EPI_ISL_1319453, EPI_ISL_1319468, EPI_ISL_1319471, EPI_ISL_1319480, EPI_ISL_1319486, EPI_ISL_1319506, EPI_ISL_1319530, EPI_ISL_1319541, EPI_ISL_1319579, EPI_ISL_1319583, EPI_ISL_1319588, EPI_ISL_1319589, EPI_ISL_1319602, EPI_ISL_1319603, EPI_ISL_1319606, EPI_ISL_1319607, EPI_ISL_1319640, EPI_ISL_1319666, EPI_ISL_1319683, EPI_ISL_1319686, EPI_ISL_1319705, EPI_ISL_1319710, EPI_ISL_1319716, EPI_ISL_1319756, EPI_ISL_1319785, EPI_ISL_1319792, EPI_ISL_1319801, EPI_ISL_1319855, EPI_ISL_1319905, EPI_ISL_1319908, EPI_ISL_1319943, EPI_ISL_1319956, EPI_ISL_1320012, EPI_ISL_1320023, EPI_ISL_1320035, EPI_ISL_1320040, EPI_ISL_1320044, EPI_ISL_1320046, EPI_ISL_1320048, EPI_ISL_1320051, EPI_ISL_1320052, EPI_ISL_1320053, EPI_ISL_1320055, EPI_ISL_1320056, EPI_ISL_1320059, EPI_ISL_1320060, EPI_ISL_1320063, EPI_ISL_1320065, EPI_ISL_1320068, EPI_ISL_1320069, EPI_ISL_1320072, EPI_ISL_1320073, EPI_ISL_1320076, EPI_ISL_1320078, EPI_ISL_1320080, EPI_ISL_1320084, EPI_ISL_1320087, EPI_ISL_1320088, EPI_ISL_1320090, EPI_ISL_1320093, EPI_ISL_1320094, EPI_ISL_1320097, EPI_ISL_1320098, EPI_ISL_1320099, EPI_ISL_1320102, EPI_ISL_1320103, EPI_ISL_1320109, EPI_ISL_1320111, EPI_ISL_1320112, EPI_ISL_1320114, EPI_ISL_1320116, EPI_ISL_1320119, EPI_ISL_1320123, EPI_ISL_1320125, EPI_ISL_1320147, EPI_ISL_1320148, EPI_ISL_1320157, EPI_ISL_1320158, EPI_ISL_1320159, EPI_ISL_1320164, EPI_ISL_1320169, EPI_ISL_1320201, EPI_ISL_1320202, EPI_ISL_1320218, EPI_ISL_1320219, EPI_ISL_1320220, EPI_ISL_1320223, EPI_ISL_1320231, EPI_ISL_1320234, EPI_ISL_1320237, EPI_ISL_1320239, EPI_ISL_1320247, EPI_ISL_1320248, EPI_ISL_1320252, EPI_ISL_1320261, EPI_ISL_1320263, EPI_ISL_1320264, EPI_ISL_1320267, EPI_ISL_1320274, EPI_ISL_1320276, EPI_ISL_1320279, EPI_ISL_1320281, EPI_ISL_1320283, EPI_ISL_1320284, EPI_ISL_1320285, EPI_ISL_1320288, EPI_ISL_1320289, EPI_ISL_1320290, EPI_ISL_1320292, EPI_ISL_1320293, EPI_ISL_1320298, EPI_ISL_1320299, EPI_ISL_1320300, EPI_ISL_1320301, EPI_ISL_1320306, EPI_ISL_1320307, EPI_ISL_1320315, EPI_ISL_1320319, EPI_ISL_1320320, EPI_ISL_1320329, EPI_ISL_1320330, EPI_ISL_1320354, EPI_ISL_1320387, EPI_ISL_1320417, EPI_ISL_1320420, EPI_ISL_1320422, EPI_ISL_1320427, EPI_ISL_1320440, EPI_ISL_1320456, EPI_ISL_1320481, EPI_ISL_1320498, EPI_ISL_1320525, EPI_ISL_1320531, EPI_ISL_1320538, EPI_ISL_1320563, EPI_ISL_1320576, EPI_ISL_1320580, EPI_ISL_1320596, EPI_ISL_1320632, EPI_ISL_1320635, EPI_ISL_1320669, EPI_ISL_1320677, EPI_ISL_1320692, EPI_ISL_1320735, EPI_ISL_1320742, EPI_ISL_1320815, EPI_ISL_1320819, EPI_ISL_1320839, EPI_ISL_1320857, EPI_ISL_1320860, EPI_ISL_1320861, EPI_ISL_1320864, EPI_ISL_1320866, EPI_ISL_1320868, EPI_ISL_1320873, EPI_ISL_1320885, EPI_ISL_1320886, EPI_ISL_1320915, EPI_ISL_1320916, EPI_ISL_1320917, EPI_ISL_1320939, EPI_ISL_1320941, EPI_ISL_1320945, EPI_ISL_1320949, EPI_ISL_1320973, EPI_ISL_1320974, EPI_ISL_1320979, EPI_ISL_1320988, EPI_ISL_1321000, EPI_ISL_1321001, EPI_ISL_1321011, EPI_ISL_1321015, EPI_ISL_1321016, EPI_ISL_1321017, EPI_ISL_1321019, EPI_ISL_1321022, EPI_ISL_1321030, EPI_ISL_1321032, EPI_ISL_1321034, EPI_ISL_1321040, EPI_ISL_1321045, EPI_ISL_1321046, EPI_ISL_1321047, EPI_ISL_1321048, EPI_ISL_1321049, EPI_ISL_1321055, EPI_ISL_1321056, EPI_ISL_1321062, EPI_ISL_1321064, EPI_ISL_1321066, EPI_ISL_1321067, EPI_ISL_1321069, EPI_ISL_1321070, EPI_ISL_1321071, EPI_ISL_1321072, EPI_ISL_1321073, EPI_ISL_1321100, EPI_ISL_1321121, EPI_ISL_1321135, EPI_ISL_1321136, EPI_ISL_1321138, EPI_ISL_1321140, EPI_ISL_1321143, EPI_ISL_1321148, EPI_ISL_1321151, EPI_ISL_1321155, EPI_ISL_1321162, EPI_ISL_1321173, EPI_ISL_1321176, EPI_ISL_1321177, EPI_ISL_1321178, EPI_ISL_1321179, EPI_ISL_1321180, EPI_ISL_1321181, EPI_ISL_1321188, EPI_ISL_1321190, EPI_ISL_1321191, EPI_ISL_1321194, EPI_ISL_1321199, EPI_ISL_1321200, EPI_ISL_1321201, EPI_ISL_1321202, EPI_ISL_1321203, EPI_ISL_1321215, EPI_ISL_1321216, EPI_ISL_1321217, EPI_ISL_1321229, EPI_ISL_1321230, EPI_ISL_1321233, EPI_ISL_1321238, EPI_ISL_1321240, EPI_ISL_1321242, EPI_ISL_1321243, EPI_ISL_1321244, EPI_ISL_1321249, EPI_ISL_1321255, EPI_ISL_1321256, EPI_ISL_1321262, EPI_ISL_1321263, EPI_ISL_1321268, EPI_ISL_1321269, EPI_ISL_1321274, EPI_ISL_1321277, EPI_ISL_1321278, EPI_ISL_1321289, EPI_ISL_1321294, EPI_ISL_1321296, EPI_ISL_1321300, EPI_ISL_1321301, EPI_ISL_1321302, EPI_ISL_1321303, EPI_ISL_1321304, EPI_ISL_1321306, EPI_ISL_1321307, EPI_ISL_1321316, EPI_ISL_1321317, EPI_ISL_1321323, EPI_ISL_1321328, EPI_ISL_1321329, EPI_ISL_1321331, EPI_ISL_1321333, EPI_ISL_1321338, EPI_ISL_1321339, EPI_ISL_1321340, EPI_ISL_1321345, EPI_ISL_1321354	see above	Laboratory Corporation of America	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, Minoo Agarwal, Eyad Almasri, Debbie Boles, Ayla Burns, Nuthawin Charoensri, Oren Cohen, Susan Countryman, Mary Ann Cristobal, Bobbi Croy, Suzanne Dale, Hrushikesh Deshmukh, Amanda Douglas, Vincent Drouillon, Marcia Eisenberg, Howard Engler, Rama Ghatti, Prashant Gupta, Susan Hicks, Jake Humphrey, Lax Iyer, Manoj Jain, Mohan Kolli, Brian Krueger, Tim Kuphal, Stanley Letovsky, Michael Levandoski, Craig Lukasik, Jonathan Meltzer, Brian Norvell, Mindy Nye, Scott Parker, Christos Petropoulos, John Pruitt, Steven Ragan, Scott Ryan, Mike Sapeta, Jana Schroth, Suresh Babu Selvaraju, Goran Stevovic, Amanda Suchanek, Andrea Throop, Lyndon Tilson, Thomas Urban, Joe Voshell, Kimberly Wagner, Jonathan Williams, Mary Williamson, Qian Zeng, Tricia Zwielfelhofer, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1321550, EPI_ISL_1321590	Genetica Molecular and Subdepartamento de Virologia ISP Chile	Instituto de Salud Publica de Chile	Javier Tognarelli, Karen Orostica, Barbara Parra, Loredana Arata, Jaime Lagos, Gisselle Barra, Patricia Bustos, Rodrigo Fasce, Andres Castillo, Jorge Fernandez	
EPI_ISL_1321646, EPI_ISL_1321668, EPI_ISL_1321671, EPI_ISL_1321680, EPI_ISL_1321686, EPI_ISL_1321727	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_1321807	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_1322464	Kansas Health and Environmental Lab	Kansas Health and Environmental Lab	Mike Grose, Jonathan Barnell, Ben Olsen, and Phil Adam	
EPI_ISL_1322465	Springhill Medical Center Laboratories	Synergy Laboratories	Megan Cornwell	
EPI_ISL_1323473, EPI_ISL_1323498, EPI_ISL_1323502, EPI_ISL_1323506, EPI_ISL_1323528, EPI_ISL_1323529, EPI_ISL_1323536	Illinois Department of Public Health	Gagnon Lab, Southern Illinois University	Keith Gagnon	
EPI_ISL_1323636	Nevada State Public Health Laboratory	Nevada State Public Health Laboratory	Andrew Gorzalski, Mark Pandori	

EPI_ISL_1324383	LSUHS Emerging Viral Threat Laboratory	Microbial Genome Sequencing Center	Jeremy P. Kamil, Jennifer L. Carroll, Rona S. Scott, Maarten Van Diest, Andrew D. Yurochko, Christopher G. Kevil, Martin J. Sapp, Daniel J. Snyder, Vaughn S. Cooper, John A. Vanchiere
EPI_ISL_1334367, EPI_ISL_1334368, EPI_ISL_1334369, EPI_ISL_1334370, EPI_ISL_1334374, EPI_ISL_1334375, EPI_ISL_1334376, EPI_ISL_1334377, EPI_ISL_1334378	Washington State Department of Health Public Health Laboratories	Washington State Department of Health Public Health Laboratories	Drew MacKellar, Philip Dykema, Denny Russell, Joenice Gonzalez, Geoff Melly, Vanessa De Los Santos, Darren Lucas, JohnAric Peterson, Avi Singh, Rebecca Cao
EPI_ISL_1334388	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_1334571	Kansas Health and Environmental Lab	Kansas Health and Environmental Lab	Mike Grose, Jonathan Barnell, Ben Olsen, and Phil Adam
EPI_ISL_1334589	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_1335868, EPI_ISL_1335870	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Department
EPI_ISL_1337241	Kansas Health and Environmental Lab	Kansas Health and Environmental Lab	Mike Grose, Jonathan Barnell, Ben Olsen, and Phil Adam
EPI_ISL_1337360, EPI_ISL_1337362	LESP Queretaro	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_1337363, EPI_ISL_1337365, EPI_ISL_1337367	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_1337368	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_1337370, EPI_ISL_1337373	LESP Baja California Sur	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Claudia Wong-Arambula, Abril Rodriguez-Maldonado, Vanessa Rivero-Arredondo, Ariadna Medina-Benitez, Joaquin Quiroz-Mercado, Sergio Rangel-Guerrero, Natividad Cruz-Ortiz, Tatiana Nunez-Garcia, Gisela Barrera-Badillo, Lucia Hernandez-Rivas, Irma Lopez-Martinez, Ernesto Ramirez-Gonzalez.
EPI_ISL_1337376, EPI_ISL_1337380, EPI_ISL_1337382, EPI_ISL_1337383, EPI_ISL_1337384, EPI_ISL_1337386, EPI_ISL_1337387	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_1337480	DOHMH Riverside	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1337550	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1338018, EPI_ISL_1338025, EPI_ISL_1338035, EPI_ISL_1338037, EPI_ISL_1338047, EPI_ISL_1338059, EPI_ISL_1338067, EPI_ISL_1338070, EPI_ISL_1338072, EPI_ISL_1338074, EPI_ISL_1338077, EPI_ISL_1338080, EPI_ISL_1338085, EPI_ISL_1338087, EPI_ISL_1338091, EPI_ISL_1338092, EPI_ISL_1338097, EPI_ISL_1338106, EPI_ISL_1338107, EPI_ISL_1338109, EPI_ISL_1338113, EPI_ISL_1338117, EPI_ISL_1338118, EPI_ISL_1338120, EPI_ISL_1338121, EPI_ISL_1338124, EPI_ISL_1338130, EPI_ISL_1338132, EPI_ISL_1338133, EPI_ISL_1338137, EPI_ISL_1338156, EPI_ISL_1338164, EPI_ISL_1338165, EPI_ISL_1338171, EPI_ISL_1338172, EPI_ISL_1338185, EPI_ISL_1338193, EPI_ISL_1338194, EPI_ISL_1338204, EPI_ISL_1338210, EPI_ISL_1338215, EPI_ISL_1338220, EPI_ISL_1338229, EPI_ISL_1338230, EPI_ISL_1338233, EPI_ISL_1338236, EPI_ISL_1338245, EPI_ISL_1338248, EPI_ISL_1338260, EPI_ISL_1338282, EPI_ISL_1338287, EPI_ISL_1338290, EPI_ISL_1338292, EPI_ISL_1338300, EPI_ISL_1338309, EPI_ISL_1338317, EPI_ISL_1338325, EPI_ISL_1338360, EPI_ISL_1338385, EPI_ISL_1338395, EPI_ISL_1338397	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, Eileen de Feo, Jan Antico, Christine Tran, Matthew Tolentino, Shannon Wickline, Kim Gietzen, Brad Sickler, Jingtao Liu, Eric Allen, Phil Febbo, Summer Galloway, Nicole L. Washington, Simon White, Geraint Levan, Kelly Schiabor Barrett, Elizabeth Cirulli, Alexandre Bolze, Ary Ascencio, Charlotte Rivera-Garcia, Ryan Cho, Jason Nguyen, Sherry Wang, Jimmy Ramirez, Tyler Cassens, Efrén Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suxiang Tong, Duncan MacCannell	
see above	Helix/Illumina	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, 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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see above	Laboratory Corporation of America	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, Minoo Agarwal, Eyad Almasri, Debbie Boles, Ayla Burns, Nuthawin Charoensri, Oren Cohen, Susan Countryman, Mary Ann Cristobal, Bobbi Croy, Suzanne Dale, Hrushikesh Deshmukh, Amanda Douglas, Vincent Drouillon, Marcia Eisenberg, Howard Engler, Rama Ghatti, Prashant Gupta, Susan Hicks, Jake Humphrey, Lax Iyer, Manoj Jain, Mohan Kolli, Brian Krueger, Tim Kuphal, Stanley Letovsky, Michael Levandoski, Craig Lukasik, Jonathan Meltzer, Brian Norvell, Mindy Nye, Scott Parker, Christos Petropoulos, John Pruitt, Steven Ragan, Scott Ryan, Mike Sapeta, Jana Schroth, Suresh Babu Selvaraju, Goran Stevovic, Amanda Suchanek, Andrea Throop, Lyndon Tilson, Thomas Urban, Joe Voshell, Kimberly Wagner, Jonathan Williams, Mary Williamson, Qian Zeng, Tricia Zwiefelhofer, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
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see above	Minnesota Department of Health, Public Health Laboratory	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1339331	Laboratory Corporation of America	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, Minoo Agarwal, Eyad Almasri, Debbie Boles, Ayla Burns, Nuthawin Charoensri, Oren Cohen, Susan Countryman, Mary Ann Cristobal, Bobbi Croy, Suzanne Dale, Hrushikesh Deshmukh, Amanda Douglas, Vincent Drouillon, Marcia Eisenberg, Howard Engler, Rama Ghatti, Prashant Gupta, Susan Hicks, Jake Humphrey, Lax Iyer, Manoj Jain, Mohan Kolli, Brian Krueger, Tim Kuphal, Stanley Letovsky, Michael Levandoski, Craig Lukasik, Jonathan Meltzer, Brian Norvell, Mindy Nye, Scott Parker, Christos Petropoulos, John Pruitt, Steven Ragan, Scott Ryan, Mike Sapeta, Jana Schroth, Suresh Babu Selvaraju, Goran Stevovic, Amanda Suchanek, Andrea Throop, Lyndon Tilson, Thomas Urban, Joe Voshell, Kimberly Wagner, Jonathan Williams, Mary Williamson, Qian Zeng, Tricia Zwiefelhofer, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1339336	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_1339350	Laboratory Corporation of America	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, Minoo Agarwal, Eyad Almasri, Debbie Boles, Ayla Burns, Nuthawin Charoensri, Oren Cohen, Susan Countryman, Mary Ann Cristobal, Bobbi Croy, Suzanne Dale, Hrushikesh Deshmukh, Amanda Douglas, Vincent Drouillon, Marcia Eisenberg, Howard Engler, Rama Ghatti, Prashant Gupta, Susan Hicks, Jake Humphrey, Lax Iyer, Manoj Jain, Mohan Kolli, Brian Krueger, Tim Kuphal, Stanley Letovsky, Michael Levandoski, Craig Lukasik, Jonathan Meltzer, Brian Norvell, Mindy Nye, Scott Parker, Christos Petropoulos, John Pruitt, Steven Ragan, Scott Ryan, Mike Sapeta, Jana Schroth, Suresh Babu Selvaraju, Goran Stevovic, Amanda Suchanek, Andrea Throop, Lyndon Tilson, Thomas Urban, Joe Voshell, Kimberly Wagner, Jonathan Williams, Mary Williamson, Qian Zeng, Tricia Zwiefelhofer, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1339352, EPI_ISL_1339354	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_1339360, EPI_ISL_1339363, EPI_ISL_1339366, EPI_ISL_1339403	Laboratory Corporation of America	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, Minoo Agarwal, Eyad Almasri, Debbie Boles, Ayla Burns, Nuthawin Charoensri, Oren Cohen, Susan Countryman, Mary Ann Cristobal, Bobbi Croy, Suzanne Dale, Hrushikesh Deshmukh, Amanda Douglas, Vincent Drouillon, Marcia Eisenberg, Howard Engler, Rama Ghatti, Prashant Gupta, Susan Hicks, Jake Humphrey, Lax Iyer, Manoj Jain, Mohan Kolli, Brian Krueger, Tim Kuphal,

Stanley Letovsky, Michael Levandoski, Craig Lukasik, Jonathan Meltzer, Brian Norvell, Mindy Nye, Scott Parker, Christos Petropoulos, John Pruitt, Steven Ragan, Scott Ryan, Mike Sapeta, Jana Schroth, Suresh Babu Selvaraju, Goran Stevovic, Amanda Suchanek, Andrea Throop, Lyndon Tilson, Thomas Urban, Joe Voshell, Kimberly Wagner, Jonathan Williams, Mary Williamson, Qian Zeng, Tricia Zwiefelhofer, Clinton R. Paden, Suxiang Tong, Duncan MacCannell			
EPI_ISL_1339416, EPI_ISL_1339420	Vault Health	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
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see above	Laboratory Corporation of America	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, Minoo Agarwal, Eyad Almasri, Debbie Boles, Ayla Burns, Nuthawin Charoensri, Oren Cohen, Susan Countryman, Mary Ann Cristobal, Bobbi Croy, Suzanne Dale, Hrushikesh Deshmukh, Amanda Douglas, Vincent Drouillon, Marcia Eisenberg, Howard Engler, Rama Ghatti, Prashant Gupta, Susan Hicks, Jake Humphrey, Lax Iyer, Manoj Jain, Mohan Kolli, Brian Krueger, Tim Kuphal, Stanley Letovsky, Michael Levandoski, Craig Lukasik, Jonathan Meltzer, Brian Norvell, Mindy Nye, Scott Parker, Christos Petropoulos, John Pruitt, Steven Ragan, Scott Ryan, Mike Sapeta, Jana Schroth, Suresh Babu Selvaraju, Goran Stevovic, Amanda Suchanek, Andrea Throop, Lyndon Tilson, Thomas Urban, Joe Voshell, Kimberly Wagner, Jonathan Williams, Mary Williamson, Qian Zeng, Tricia Zwiefelhofer, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
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see above	Quest Diagnostics Incorporated	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1339970	DPHL	Delaware Public Health Lab	Rebecca Savage
EPI_ISL_1340041	Nebraska Public Health Laboratory	NPHL COVID-19 Response Team	NPHL COVID-19 Response Team
EPI_ISL_1340055, EPI_ISL_1340064, EPI_ISL_1340067, EPI_ISL_1340073, EPI_ISL_1340074, EPI_ISL_1340083, EPI_ISL_1340088, EPI_ISL_1340090, EPI_ISL_1340093, EPI_ISL_1340096, EPI_ISL_1340122, EPI_ISL_1340127, EPI_ISL_1340129, EPI_ISL_1340132, EPI_ISL_1340139, EPI_ISL_1340143, EPI_ISL_1340160, EPI_ISL_1340188, EPI_ISL_1340195, EPI_ISL_1340203, EPI_ISL_1340225, EPI_ISL_1340234, EPI_ISL_1340240, EPI_ISL_1340246, EPI_ISL_1340249, EPI_ISL_1340250, EPI_ISL_1340257, EPI_ISL_1340258, EPI_ISL_1340260, EPI_ISL_1340265, EPI_ISL_1340269, EPI_ISL_1340280, EPI_ISL_1340281, EPI_ISL_1340286, EPI_ISL_1340290, EPI_ISL_1340295, EPI_ISL_1340305, EPI_ISL_1340312, EPI_ISL_1340337, EPI_ISL_1340351, EPI_ISL_1340360, EPI_ISL_1340363, EPI_ISL_1340365, EPI_ISL_1340376, EPI_ISL_1340378, EPI_ISL_1340389, EPI_ISL_1340404, EPI_ISL_1340408, EPI_ISL_1340410, EPI_ISL_1340442, EPI_ISL_1340444, EPI_ISL_1340447			
see above	Helix/Illumina	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, Eileen de Feo, Jan Antico, Christine Tran, Matthew Tolentino, Shannon Wickline, Kim Gietzen, Brad Sickler, Jingtao Liu, Eric Allen, Phil Febbo, Summer Galloway, Nicole L. Washington, Simon White, Geraint Levan, Kelly Schiabor Barrett, Elizabeth Ciriulli, Alexandre Bolze, Ary Ascencio, Charlotte Rivera-Garcia, Ryan Cao, 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
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see above	Quest Diagnostics Incorporated	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1340841, EPI_ISL_1340843, EPI_ISL_1340844, EPI_ISL_1340846, EPI_ISL_1340854	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_1340881, EPI_ISL_1340883, EPI_ISL_1340889	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_1340900	VA Hospital Path & Lab	New Mexico Department of Health Scientific Laboratory	Ellie Johnson, Anastacia Griego-Fisher, D'eldra Malone, Jennifer Benoit
EPI_ISL_1340905, EPI_ISL_1340907, EPI_ISL_1340920	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_1340922	Gallup Indian Medical Center	New Mexico Department of Health Scientific Laboratory	Ellie Johnson, Anastacia Griego-Fisher, D'eldra Malone, Jennifer Benoit
EPI_ISL_1340923	New Mexico Department of Health Scientific Laboratory	New Mexico Department of Health Scientific Laboratory	Ellie Johnson, Anastacia Griego-Fisher, D'eldra Malone, Jennifer Benoit
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EPI_ISL_1358942, EPI_ISL_1358943, EPI_ISL_1358944, EPI_ISL_1358945	Minnesota Department of Health, Public Health Laboratory	Minnesota Department of Health, Public Health Laboratory	Montoya-Fuentes, Jose Esteban Munoz-Medina, Jose de Jesus Nunez-Contreras, Alicia Ocana-Mondragon, Luis Alberto Ochoa-Carrera, Hector Esteban Paz-Juarez, Francisco Pulido, Helen Haydee Fernanda Ramirez-Plascencia, Angel Gustavo Salas-Lais, Jorge Ivan Salinal-Nevarez, Alejandro Sanchez-Flores, Clara Esperanza Santacruz-Tinoco, Maria Guadalupe Santiago-Mauricio, Nelly Selem-Mojica, Blanca Taboada, Gloria Vazquez	
			Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang	
EPI_ISL_1362977, EPI_ISL_1362978	Missouri State Public Health Laboratory	Missouri State Public Health Laboratory	Matthew Sinn, Joshua Barry, Ashley New	
EPI_ISL_1363019, EPI_ISL_1363022, EPI_ISL_1363023	TXDSHS	TXDSHS	Rashmi Tuladhar, Bonnie Oh, Jenny Zhang, Maliha Rahman, Mayela Pedrueza, Anita Pokharel, Loarraine Rodriguez, Myong Koag, Chun Wang, Rachel Lee, Grace Kubin	
EPI_ISL_1363176, EPI_ISL_1363177, EPI_ISL_1363182	Idaho Bureau of Laboratories	Idaho Bureau of Laboratories	"R. Beukelman, Matthew Charles Burns, Aimee Ceniseros, Robert L. Voermans, Christopher Ball"	
EPI_ISL_1363225	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_1363238, EPI_ISL_1363243, EPI_ISL_1363262	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_1363274	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_1363276, EPI_ISL_1363284, EPI_ISL_1363286, EPI_ISL_1363288, EPI_ISL_1363289, EPI_ISL_1363307	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_1363319	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_1363320, EPI_ISL_1363321, EPI_ISL_1363329, EPI_ISL_1363339, EPI_ISL_1363356	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_1363368	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_1363376, EPI_ISL_1363401	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_1363454	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_1363477, EPI_ISL_1363500, EPI_ISL_1363501	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_1363502	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_1363515, EPI_ISL_1363534, EPI_ISL_1363539, EPI_ISL_1363540, EPI_ISL_1363545	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_1363550	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_1363584, EPI_ISL_1363589, EPI_ISL_1363590	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_1363594	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_1363595, EPI_ISL_1363604, EPI_ISL_1363611, EPI_ISL_1363614, EPI_ISL_1363622, EPI_ISL_1363624	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_1363659	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_1363660, EPI_ISL_1363672, EPI_ISL_1363673	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_1363714	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_1363722, EPI_ISL_1363736	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_1364429, EPI_ISL_1364431, EPI_ISL_1364432, EPI_ISL_1364436, EPI_ISL_1364449	Nevada State Public Health Laboratory	Nevada State Public Health Laboratory	Andrew Gorzalski, Mark Pandori	
EPI_ISL_1364636, EPI_ISL_1364663, EPI_ISL_1364717, EPI_ISL_1364734, EPI_ISL_1364736, EPI_ISL_1364742, EPI_ISL_1364759, EPI_ISL_1364799, EPI_ISL_1364834	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, Efreem S. Lim	
EPI_ISL_1364867, EPI_ISL_1364870, EPI_ISL_1364871, EPI_ISL_1364873	Kansas Health and Environmental Lab	Kansas Health and Environmental Lab	Mike Grose, Jonathan Barnell, Ben Olsen, and Phil Adam	
EPI_ISL_1365376	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang	
EPI_ISL_1365414, EPI_ISL_1365446, EPI_ISL_1365447, EPI_ISL_1365448	Mayo Clinic & Mayo Clinic Laboratories	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang	
EPI_ISL_1365452, EPI_ISL_1365459, EPI_ISL_1365461, EPI_ISL_1365464, EPI_ISL_1365465, EPI_ISL_1365470, EPI_ISL_1365479, EPI_ISL_1365486, EPI_ISL_1365489, EPI_ISL_1365492, EPI_ISL_1365493, EPI_ISL_1365496, EPI_ISL_1365505, EPI_ISL_1365511, EPI_ISL_1365517, EPI_ISL_1365532, EPI_ISL_1365533, EPI_ISL_1365535, EPI_ISL_1365539, EPI_ISL_1365542, EPI_ISL_1365553, EPI_ISL_1365577, EPI_ISL_1365579, EPI_ISL_1365586, EPI_ISL_1365587, EPI_ISL_1365594, EPI_ISL_1365595, EPI_ISL_1365596, EPI_ISL_1365599, EPI_ISL_1365601, EPI_ISL_1365605, EPI_ISL_1365609, EPI_ISL_1365628, EPI_ISL_1365629, EPI_ISL_1365634, EPI_ISL_1365636, EPI_ISL_1365637	see above	Arizona State University	Peter T. Skidmore, LaRinda A. Holland, Rabia Maqsood, Emily A. Kaelin, Nicholas J. Mellor, Kristina Buss, Joy M. Blain, Neal W Woodbury, Valerie Harris, Joshua LaBaer, Vel Murugan, Efreem S. Lim	



EPI_ISL_1365732 EPI_ISL_1366099	Virginia Division of Consolidated Laboratory Services TXDSHS	Virginia Division of Consolidated Laboratory Services TXDSHS	Virginia DCLS Rashmi Tuladhar, Bonnie Oh, Jenny Zhang, Maliha Rahman, Mayela Pedrueza, Anita Pokharel, Loarraine Rodriguez, Myong Koag, Chun Wang, Rachel Lee, Grace Kubin
EPI_ISL_1366277, EPI_ISL_1366284, EPI_ISL_1366287, EPI_ISL_1366288, EPI_ISL_1366291, EPI_ISL_1366292, EPI_ISL_1366314, EPI_ISL_1366317, EPI_ISL_1366319, EPI_ISL_1366321, EPI_ISL_1366323, EPI_ISL_1366325			
see above EPI_ISL_1366334	Sharp HealthCare Laboratory Genomica Lab Molecular, Mexico	Andersen lab at Scripps Research Andersen lab at Scripps Research	SEARCH Alliance San Diego with Aaron Harding, Jacquelyn Berumen, Cathy Woerle, Liam McGinnis, Art Mendoza, Omid Bakhtar 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_1366425, EPI_ISL_1366426, EPI_ISL_1366428, EPI_ISL_1366430, EPI_ISL_1366431, EPI_ISL_1366432, EPI_ISL_1366434, EPI_ISL_1366436, EPI_ISL_1366437, EPI_ISL_1366443, EPI_ISL_1366444, EPI_ISL_1366445, EPI_ISL_1366446, EPI_ISL_1366447, EPI_ISL_1366451, EPI_ISL_1366454, EPI_ISL_1366456, EPI_ISL_1366457, EPI_ISL_1366462, EPI_ISL_1366463, EPI_ISL_1366464, EPI_ISL_1366466, EPI_ISL_1366477, EPI_ISL_1366480, EPI_ISL_1366483, EPI_ISL_1366485, EPI_ISL_1366486, EPI_ISL_1366487, EPI_ISL_1366489, EPI_ISL_1366490, EPI_ISL_1366491, EPI_ISL_1366492, EPI_ISL_1366493, EPI_ISL_1366495, EPI_ISL_1366496			
see above EPI_ISL_1366617, EPI_ISL_1366640, EPI_ISL_1366648	Sharp HealthCare Laboratory Gundersen Clinical Microbiology Laboratory	Andersen lab at Scripps Research Kabara Cancer Research Institute	SEARCH Alliance San Diego with Aaron Harding, Jacquelyn Berumen, Cathy Woerle, Liam McGinnis, Art Mendoza, Omid Bakhtar Craig S. Richmond, Paraic A. Kenny
EPI_ISL_1367163, EPI_ISL_1367167, EPI_ISL_1367184, EPI_ISL_1367190, EPI_ISL_1367192, EPI_ISL_1367194, EPI_ISL_1367202, EPI_ISL_1367207, EPI_ISL_1367223, EPI_ISL_1367242, EPI_ISL_1367249, EPI_ISL_1367252, EPI_ISL_1367257, EPI_ISL_1367264, EPI_ISL_1367267, EPI_ISL_1367270, EPI_ISL_1367277, EPI_ISL_1367280, EPI_ISL_1367282, EPI_ISL_1367283, EPI_ISL_1367298, EPI_ISL_1367302, EPI_ISL_1367303, EPI_ISL_1367306, EPI_ISL_1367308, EPI_ISL_1367311, EPI_ISL_1367313, EPI_ISL_1367315, EPI_ISL_1367316, EPI_ISL_1367318, EPI_ISL_1367319, EPI_ISL_1367324, EPI_ISL_1367326, EPI_ISL_1367328, EPI_ISL_1367332, EPI_ISL_1367336, EPI_ISL_1367350, EPI_ISL_1367351, EPI_ISL_1367352, EPI_ISL_1367353, EPI_ISL_1367369, EPI_ISL_1367370, EPI_ISL_1367372, EPI_ISL_1367387, EPI_ISL_1367391, EPI_ISL_1367402, EPI_ISL_1367417, EPI_ISL_1367418, EPI_ISL_1367442, EPI_ISL_1367449, EPI_ISL_1367450, EPI_ISL_1367458, EPI_ISL_1367472			
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_1367718, EPI_ISL_1367720, EPI_ISL_1367828, EPI_ISL_1367844, EPI_ISL_1367845, EPI_ISL_1367884	Michigan Department of Health and Human Services, Bureau of Laboratories	Michigan Department of Health and Human Services, Bureau of Laboratories	Blankenship HM, Riner D, Soehnlken MK
EPI_ISL_1371073	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_1372107	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_1372108	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1372112, EPI_ISL_1372145, EPI_ISL_1372146, EPI_ISL_1372147, EPI_ISL_1372148, EPI_ISL_1372149			
see above	Minnesota Department of Health, Public Health Laboratory	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1372159, EPI_ISL_1372161	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1372167	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_1372171, EPI_ISL_1372174, EPI_ISL_1372175, EPI_ISL_1372176	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1372189	Vault Health	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1372202, EPI_ISL_1372213	Mayo Clinic & Mayo Clinic Laboratories	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1372223, EPI_ISL_1372224, EPI_ISL_1372225	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_1372464, EPI_ISL_1372472	Mayo Clinic & Mayo Clinic Laboratories	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1372511	SOUTH LAKE PEDIATRICS	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1372526	Mayo Clinic & Mayo Clinic Laboratories	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1372537	Vault Health	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1372629, EPI_ISL_1372637, EPI_ISL_1372638, EPI_ISL_1372703, EPI_ISL_1372705, EPI_ISL_1372707, EPI_ISL_1372709, EPI_ISL_1372730, EPI_ISL_1372750, EPI_ISL_1372751, EPI_ISL_1372752, EPI_ISL_1372768, EPI_ISL_1372777, EPI_ISL_1372782, EPI_ISL_1372785, EPI_ISL_1372799, EPI_ISL_1372825, EPI_ISL_1372829, EPI_ISL_1372834, EPI_ISL_1372835, EPI_ISL_1372858, EPI_ISL_1372861, EPI_ISL_1372878, EPI_ISL_1372880, EPI_ISL_1372881, EPI_ISL_1372882, EPI_ISL_1372884, EPI_ISL_1372885, EPI_ISL_1372886, EPI_ISL_1372887, EPI_ISL_1372891			
see above	Maine Health and Environmental Testing Laboratory	Tewhey Lab, The Jackson Laboratory	Matluk,N., Dewey,H., Isosue,F., Barter,M., Lynch,R., Munger,H. and Tewhey,R.
EPI_ISL_1372971, EPI_ISL_1372978, EPI_ISL_1372980, EPI_ISL_1372984, EPI_ISL_1373004	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_1373443, EPI_ISL_1373446, EPI_ISL_1373455, EPI_ISL_1373456	UNC-CH COVID Surveillance Lab	Jeremy Wang	Jeremy Wang, Alexander Rubinsteyn, Melissa Miller, Corbin Jones, Amy James Loftis, Amir Barzin, Susan Fiscus
EPI_ISL_1373494	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_1373551, EPI_ISL_1373558, EPI_ISL_1373564	Vault Health	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1373684	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_1374011	MO State Public Health Laboratory	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Yan Li, Jing Zhang, Ying Tao, Brian Lynch, Anna Kelleher, Krista Queen, Anna Uehara, Peter Cook, Han Jia Justin Ng, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_1374037	Springfield-Greene Co. Health Dept.	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	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_1378643, EPI_ISL_1378646, EPI_ISL_1378647, EPI_ISL_1378649, EPI_ISL_1378669, EPI_ISL_1378670, EPI_ISL_1378671	Nevada State Public Health Laboratory	Nevada State Public Health Laboratory	Andrew Gorzalski, Mark Pandori
EPI_ISL_1378727	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_1378829	Murphy Medical Association	Grubaugh Lab - Yale School of Public Health	Joseph Fauver, Mallery Breban, Isabell Ott, Tara Alpert, Mary Petrone, Anderson Brito, Chantal Vogels, Annie Watkins, Chaney Kalinich, Jessica Rothman, Caleb Neal, Eva Laszlo, Steven Murphy, Nathan Grubaugh
EPI_ISL_1379958, EPI_ISL_1379967, EPI_ISL_1379971, EPI_ISL_1379972	UCLA Clinical Micro Lab	Los Angeles County PHL	P. Hemarajata et al.

EPI_ISL_1379976	MD Laboratories	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1379977	USC Clinical Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1381249	Centro de Investigacion Biomedica del Noreste (CIBIN)	Unidad de Genomica Avanzada	Consortio Mexicano de Vigilancia Genomica (CoViGen-Mex). Authors (in alphabetical order): Julio Elias Alvarado-Yaah, Carlos F. Arias, Santiago Avila-Rios, Victor Hugo Borja-Aburto, Celia Boukadida, Juan Bautista Chale-Dzul , Jose Antonio Enciso-Moreno, Gloria Elena Espinoza-Ayala, Fernando Fontove-Herrera, Concepcion Grajales-Muniz, Ricardo Grande, Alfredo Herrera-Estrella, Carla Ivon Herrera-Najera, Pavel Isa, Brenda Irasema Maldonado-Meza, Bernardo Martinez-Miguel, Margarita Matias-Florentino, Maria Guadalupe de Jesus Mireles-Rivera, Gloria Maria Molina-Salinas, Hector Montoya-Fuentes, Jose Esteban Munoz-Medina, Jose de Jesus Nunez-Contreras, Alicia Ocana-Mondragon, Luis Alberto Ochoa-Carrera, Hector Esteban Paz-Juarez, Francisco Pulido, Helen Haydee Fernanda Ramirez-Plascencia, Angel Gustavo Salas-Lais, Jorge Ivan Salinal-Navarez, Alejandro Sanchez-Flores, Clara Esperanza Santacruz-Tinoco, Maria Guadalupe Santiago-Mauricio, Nelly Selem-Mojica, Blanca Taboada, Gloria Vazquez
EPI_ISL_1381880	Virginia Division of Consolidated Laboratory Services	Virginia Division of Consolidated Laboratory Services	Virginia DCLS
EPI_ISL_1382112	UNC-CH COVID Surveillance Lab	Jeremy Wang	Jeremy Wang, Alexander Rubinsteyn, Melissa Miller, Corbin Jones, Amy James Loftis, Amir Barzin, Susan Fiscus
EPI_ISL_1382128, EPI_ISL_1382130, EPI_ISL_1382133, EPI_ISL_1382136, EPI_ISL_1382137	Gundersen Clinical Microbiology Laboratory	Kabara Cancer Research Institute	Craig S. Richmond, Paraic A. Kenny
EPI_ISL_1383236	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_1384897, EPI_ISL_1384898, EPI_ISL_1384967, EPI_ISL_1385061, EPI_ISL_1385100, EPI_ISL_1385485, EPI_ISL_1385493, EPI_ISL_1385565, EPI_ISL_1385723, EPI_ISL_1385735	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_1391386	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_1391439, EPI_ISL_1391459, EPI_ISL_1391463, EPI_ISL_1391464, EPI_ISL_1391467, EPI_ISL_1391474, EPI_ISL_1391481, EPI_ISL_1391485, EPI_ISL_1391486, EPI_ISL_1391491, EPI_ISL_1391505, EPI_ISL_1391506, EPI_ISL_1391510, EPI_ISL_1391511, EPI_ISL_1391517, EPI_ISL_1391519, EPI_ISL_1391532, EPI_ISL_1391534, EPI_ISL_1391539, EPI_ISL_1391544, EPI_ISL_1391553, EPI_ISL_1391557, EPI_ISL_1391568, EPI_ISL_1391574, EPI_ISL_1391586, EPI_ISL_1391596, EPI_ISL_1391618, EPI_ISL_1391622, EPI_ISL_1391624, EPI_ISL_1391630, EPI_ISL_1391631, EPI_ISL_1391635, EPI_ISL_1391644, EPI_ISL_1391663, EPI_ISL_1391664, EPI_ISL_1391665, EPI_ISL_1391672, EPI_ISL_1391681, EPI_ISL_1391682, EPI_ISL_1391686, EPI_ISL_1391692, EPI_ISL_1391693			
see above	Quest Diagnostics Incorporated	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1391701, EPI_ISL_1391712, EPI_ISL_1391715, EPI_ISL_1391732, EPI_ISL_1391734, EPI_ISL_1391738, EPI_ISL_1391743, EPI_ISL_1391747, EPI_ISL_1391750, EPI_ISL_1391765, EPI_ISL_1391768, EPI_ISL_1391777, EPI_ISL_1391782, EPI_ISL_1391795, EPI_ISL_1391796, EPI_ISL_1391809, EPI_ISL_1391818, EPI_ISL_1391828, EPI_ISL_1391839, EPI_ISL_1391842, EPI_ISL_1391848, EPI_ISL_1391849, EPI_ISL_1391857, EPI_ISL_1391862, EPI_ISL_1391873, EPI_ISL_1391888, EPI_ISL_1391895, EPI_ISL_1391897, EPI_ISL_1391901, EPI_ISL_1391905, EPI_ISL_1391907, EPI_ISL_1391908, EPI_ISL_1391919, EPI_ISL_1391927, EPI_ISL_1391929, EPI_ISL_1391930, EPI_ISL_1391934, EPI_ISL_1391935, EPI_ISL_1391944, EPI_ISL_1391946, EPI_ISL_1391952, EPI_ISL_1391982, EPI_ISL_1391986, EPI_ISL_1391993			
see above	Helix/Illumina	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, Eileen de Feo, Jan Antico, Christine Tran, Matthew Tolentino, Shannon Wickline, Kim Gietzen, Brad Sickler, Jingtao Liu, Eric Allen, Phil Febbo, Summer Galloway, Nicole L. Washington, Simon White, Geraint Levan, Kelly Schiabor Barrett, Elizabeth Cirulli, Alexandre Bolze, Ary Ascencio, Charlotte Rivera-Garcia, Ryan Cho, Jason Nguyen, Sherry Wang, Jimmy Ramirez, Tyler Cassens, Efrén Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1392080	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_1392224	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_1392239, EPI_ISL_1392246	Quest Diagnostics Incorporated	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1392259	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_1392288, EPI_ISL_1392290, EPI_ISL_1392294, EPI_ISL_1392311, EPI_ISL_1392313	Quest Diagnostics Incorporated	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1392316	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_1392323, EPI_ISL_1392325, EPI_ISL_1392372, EPI_ISL_1392380	Quest Diagnostics Incorporated	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1392393	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_1392396	Quest Diagnostics Incorporated	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1392405	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_1392406, EPI_ISL_1392408, EPI_ISL_1392416, EPI_ISL_1392428, EPI_ISL_1392434	Quest Diagnostics Incorporated	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1392503	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_1392534	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_1392629	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_1397574, EPI_ISL_1397577	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_1397669, EPI_ISL_1397692	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_1397800	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,

EPI_ISL_1397916, EPI_ISL_1397930	WESTCHESTER 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_1397995	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_1398108, EPI_ISL_1398109	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_1398157, EPI_ISL_1398161, EPI_ISL_1398162	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_1398182	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_1398278	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_1398301, EPI_ISL_1398303, EPI_ISL_1398304, EPI_ISL_1398308, EPI_ISL_1398311	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_1399162, EPI_ISL_1399163	Nevada State Public Health Laboratory	Nevada State Public Health Laboratory	Andrew Gorzalski, Mark Pandori
EPI_ISL_1399250, EPI_ISL_1399251, EPI_ISL_1399252, EPI_ISL_1399254, EPI_ISL_1399255	Washington State Department of Health Public Health Laboratories	Washington State Department of Health Public Health Laboratories	Drew MacKellar, Philip Dykema, Denny Russell, Joenice Gonzalez, Geoff Melly, Vanessa De Los Santos, Darren Lucas, JohnAric Peterson, Avi Singh, Rebecca Cao
EPI_ISL_1400379, EPI_ISL_1400381, EPI_ISL_1400384, EPI_ISL_1400387, EPI_ISL_1400388, EPI_ISL_1400390, EPI_ISL_1400393, EPI_ISL_1400394, EPI_ISL_1400395, EPI_ISL_1400396, EPI_ISL_1400397, EPI_ISL_1400398, EPI_ISL_1400402, EPI_ISL_1400403, EPI_ISL_1400404, EPI_ISL_1400406, EPI_ISL_1400410, EPI_ISL_1400412, EPI_ISL_1400413, EPI_ISL_1400414, EPI_ISL_1400415, EPI_ISL_1400418, EPI_ISL_1400419, EPI_ISL_1400420, EPI_ISL_1400422, EPI_ISL_1400423, EPI_ISL_1400426, EPI_ISL_1400427, EPI_ISL_1400430, EPI_ISL_1400433, EPI_ISL_1400434, EPI_ISL_1400435, EPI_ISL_1400437, EPI_ISL_1400438, EPI_ISL_1400439, EPI_ISL_1400441, EPI_ISL_1400442			
see above	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Shah Mohamed Bakhsh, Michelle Lin, Noah R. Baker, Sean Ellis, Saraswathi Sathees, Meei-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_1400839, EPI_ISL_1400885, EPI_ISL_1400914	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_1400942, EPI_ISL_1400946, EPI_ISL_1400963	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_1400965	TriCore Reference Laboratory Inc.	New Mexico Department of Health Scientific Laboratory	Ellie Johnson, Anastacia Griego-Fisher, D'eldra Malone, Jennifer Benoit
EPI_ISL_1400970	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_1401077, EPI_ISL_1401078, EPI_ISL_1401087, EPI_ISL_1401088, EPI_ISL_1401089	South Dakota Public Health Laboratory	South Dakota Public Health Laboratory	Jacob Garfin and Chris Carlson
EPI_ISL_1401535, EPI_ISL_1401559	The Jackson Laboratory	The Jackson Laboratory	Bergeron D, Uvalic J, Renzette N, Adams M, Omerza G, Kelly K, Li L
EPI_ISL_1402591, EPI_ISL_1402592, EPI_ISL_1402594, EPI_ISL_1402595, EPI_ISL_1402596, EPI_ISL_1402598, EPI_ISL_1402603, EPI_ISL_1402604, EPI_ISL_1402605, EPI_ISL_1402606, EPI_ISL_1402608, EPI_ISL_1402609, EPI_ISL_1402611, EPI_ISL_1402612, EPI_ISL_1402621, EPI_ISL_1402623, EPI_ISL_1402625, EPI_ISL_1402626, EPI_ISL_1402630, EPI_ISL_1402632, EPI_ISL_1402635, EPI_ISL_1402636, EPI_ISL_1402643			
see above	UCSC Genomics Institute	UCSC Genomics Institute	Mark Akeson, Ikenna Anigbogu, Eric Beraut, Isabel Bjork, Molly Cassatt-Johnstone, Terren Chang, Russell Corbett-Detig, Namrita Dhillon, Maximilian Haeussler, David Haussler, Angie Hinrichs, Miten Jain, Joshua Kapp, A. Marm Kilpatrick, Jakob McBroom, Hugh Olsen, Jeremy Sanford, Beth Shapiro, Michael Stone, Bryan Thornlow, Yatish Turakhia
EPI_ISL_1402748, EPI_ISL_1402752, EPI_ISL_1402757, EPI_ISL_1402761, EPI_ISL_1402763, EPI_ISL_1402779, EPI_ISL_1402781	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1402814, EPI_ISL_1402847, EPI_ISL_1402871	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_1403043	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_1403646, EPI_ISL_1403650, EPI_ISL_1403819, EPI_ISL_1403826	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_1403880, EPI_ISL_1403886, EPI_ISL_1403890, EPI_ISL_1403891, EPI_ISL_1403897, EPI_ISL_1403900, EPI_ISL_1403906, EPI_ISL_1403908, EPI_ISL_1403909, EPI_ISL_1403910, EPI_ISL_1403911, EPI_ISL_1403918, EPI_ISL_1403926			
see above	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin L. Young, Kelly F. Oakeson, Tara Gallagher
EPI_ISL_1404353	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_1404589, EPI_ISL_1404590, EPI_ISL_1404596, EPI_ISL_1404600, EPI_ISL_1404602, EPI_ISL_1404603	Nevada State Public Health Laboratory	Nevada State Public Health Laboratory	Andrew Gorzalski, Mark Pandori
EPI_ISL_1405053	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_1405067, EPI_ISL_1405070, EPI_ISL_1405071, EPI_ISL_1405072, EPI_ISL_1405073, EPI_ISL_1405076, EPI_ISL_1405081, EPI_ISL_1405086, EPI_ISL_1405087, EPI_ISL_1405089, EPI_ISL_1405090, EPI_ISL_1405098, EPI_ISL_1405100, EPI_ISL_1405103, EPI_ISL_1405109, EPI_ISL_1405112, EPI_ISL_1405113, EPI_ISL_1405115, EPI_ISL_1405117, EPI_ISL_1405119, EPI_ISL_1405125, EPI_ISL_1405126, EPI_ISL_1405130, EPI_ISL_1405132, EPI_ISL_1405138, EPI_ISL_1405141, EPI_ISL_1405142, EPI_ISL_1405147, EPI_ISL_1405148, EPI_ISL_1405152, EPI_ISL_1405153, EPI_ISL_1405156, EPI_ISL_1405157, EPI_ISL_1405158, EPI_ISL_1405159, EPI_ISL_1405160, EPI_ISL_1405163, EPI_ISL_1405168, EPI_ISL_1405172, EPI_ISL_1405173, EPI_ISL_1405179, EPI_ISL_1405180, EPI_ISL_1405188, EPI_ISL_1405193, EPI_ISL_1405200, EPI_ISL_1405202, EPI_ISL_1405206, EPI_ISL_1405211, EPI_ISL_1405212, EPI_ISL_1405219, EPI_ISL_1405221, EPI_ISL_1405222, EPI_ISL_1405223, EPI_ISL_1405224, EPI_ISL_1405228, EPI_ISL_1405229, EPI_ISL_1405232, EPI_ISL_1405238, EPI_ISL_1405246, EPI_ISL_1405247, EPI_ISL_1405248, EPI_ISL_1405257, EPI_ISL_1405261, EPI_ISL_1405262, EPI_ISL_1405263, EPI_ISL_1405269, EPI_ISL_1405273, EPI_ISL_1405274, EPI_ISL_1405277, EPI_ISL_1405280, EPI_ISL_1405281, EPI_ISL_1405282, EPI_ISL_1405284, EPI_ISL_1405285, EPI_ISL_1405289, EPI_ISL_1405290, EPI_ISL_1405295, EPI_ISL_1405297, EPI_ISL_1405305, EPI_ISL_1405306, EPI_ISL_1405308, EPI_ISL_1405309, EPI_ISL_1405311, EPI_ISL_1405314, EPI_ISL_1405316, EPI_ISL_1405323, EPI_ISL_1405325, EPI_ISL_1405328, EPI_ISL_1405329, EPI_ISL_1405333, EPI_ISL_1405335, EPI_ISL_1405337, EPI_ISL_1405340, EPI_ISL_1405341, EPI_ISL_1405348, EPI_ISL_1405349, EPI_ISL_1405355, EPI_ISL_1405366, EPI_ISL_1405367, EPI_ISL_1405370, EPI_ISL_1405373, EPI_ISL_1405375, EPI_ISL_1405377, EPI_ISL_1405378, EPI_ISL_1405381, EPI_ISL_1405382, EPI_ISL_1405383, EPI_ISL_1405384, EPI_ISL_1405385, EPI_ISL_1405386, EPI_ISL_1405389, EPI_ISL_1405390, EPI_ISL_1405391, EPI_ISL_1405392, EPI_ISL_1405393, EPI_ISL_1405394, EPI_ISL_1405396, EPI_ISL_1405397, EPI_ISL_1405398, EPI_ISL_1405399, EPI_ISL_1405401, EPI_ISL_1405402, EPI_ISL_1405403			
see above	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Shah Mohamed Bakhsh, Michelle Lin, Noah R. Baker, Sean Ellis, Saraswathi Sathees, Meei-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_1405717	Idaho Bureau of Laboratories	Idaho Bureau of Laboratories	R. Beukelman, Matthew Charles Burns, Aimee Ceniseros, Robert L. Voermans, Christopher Ball
EPI_ISL_1405775	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

EPI_ISL_1407382, EPI_ISL_1407383, EPI_ISL_1407388, EPI_ISL_1407389, EPI_ISL_1407390, EPI_ISL_1407395, EPI_ISL_1407418, EPI_ISL_1407423, EPI_ISL_1407427, EPI_ISL_1407435, EPI_ISL_1407446, EPI_ISL_1407447				Lee, Grace Kubin
see above	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_1410161	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Rob Howes, The Lighthouse Lab in Cambridge and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team	
EPI_ISL_1413144, EPI_ISL_1413150, EPI_ISL_1413191, EPI_ISL_1413319, EPI_ISL_1413369, EPI_ISL_1413380, EPI_ISL_1413407	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_1413710	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_1413763, EPI_ISL_1413766	Flow Health	Infectious Disease Program, Broad Institute of Harvard and MIT	Lemieux,J.E., Siddle,K.J., Adams,G., Gladden-Young,A., Lagerborg,K., Rudy,M., DeRuff,K., Carter,A., Normandin,E., Bauer,M., Reilly,S., Tomkins-Tinch,C., Loreth,C., Chaluvadi,S., Birren,B.W., Gallagher,G., Smole,S., Park,D.J., MacInnis,B.L., and Sabeti,P.C.	
EPI_ISL_1413769, EPI_ISL_1413771, EPI_ISL_1413774, EPI_ISL_1413781, EPI_ISL_1413787	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_1416373, EPI_ISL_1416517	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-Rios, 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, Pável Isa, Brenda Irasema Maldonado-Meza, Bernardo Martínez-Miguel, Margarita Matias-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 Ramírez-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_1420987, EPI_ISL_1420997, EPI_ISL_1421000, EPI_ISL_1421013, EPI_ISL_1421038, EPI_ISL_1421074, EPI_ISL_1421088, EPI_ISL_1421104, EPI_ISL_1421109, EPI_ISL_1421137, EPI_ISL_1421152, EPI_ISL_1421167, EPI_ISL_1421183, EPI_ISL_1421200, EPI_ISL_1421213, EPI_ISL_1421263, EPI_ISL_1421279, EPI_ISL_1421283, EPI_ISL_1421304, EPI_ISL_1421320, EPI_ISL_1421355, EPI_ISL_1421368, EPI_ISL_1421372, EPI_ISL_1421379, EPI_ISL_1421399, EPI_ISL_1421425, EPI_ISL_1421451, EPI_ISL_1421484, EPI_ISL_1421508, EPI_ISL_1421510, EPI_ISL_1421516, EPI_ISL_1421519, EPI_ISL_1421530, EPI_ISL_1421540, EPI_ISL_1421547, EPI_ISL_1421563, EPI_ISL_1421599, EPI_ISL_1421615, EPI_ISL_1421636, EPI_ISL_1421650, EPI_ISL_1421686, EPI_ISL_1421709	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Kelsey R. Florek, Abigail C. Shockey	
see above	Nevada State Public Health Laboratory	Nevada State Public Health Laboratory	Andrew Gorzalski, Mark Pandori	
EPI_ISL_1423024, EPI_ISL_1423025, EPI_ISL_1423026, EPI_ISL_1423027, EPI_ISL_1423029, EPI_ISL_1423030, EPI_ISL_1423031, EPI_ISL_1423032, EPI_ISL_1423035, EPI_ISL_1423036, EPI_ISL_1423037, EPI_ISL_1423038, EPI_ISL_1423040, EPI_ISL_1423045, EPI_ISL_1423047, EPI_ISL_1423049, EPI_ISL_1423050, EPI_ISL_1423051, EPI_ISL_1423052, EPI_ISL_1423053, EPI_ISL_1423058, EPI_ISL_1423059, EPI_ISL_1423060, EPI_ISL_1423061, EPI_ISL_1423062, EPI_ISL_1423063, EPI_ISL_1423068, EPI_ISL_1423071, EPI_ISL_1423072, EPI_ISL_1423073, EPI_ISL_1423074, EPI_ISL_1423075, EPI_ISL_1423077, EPI_ISL_1423080, EPI_ISL_1423081, EPI_ISL_1423083, EPI_ISL_1423084, EPI_ISL_1423085, EPI_ISL_1423086, EPI_ISL_1423087, EPI_ISL_1423089, EPI_ISL_1423090, EPI_ISL_1423091, EPI_ISL_1423092, EPI_ISL_1423094, EPI_ISL_1423095, EPI_ISL_1423098, EPI_ISL_1423099, EPI_ISL_1423100, EPI_ISL_1423101, EPI_ISL_1423102, EPI_ISL_1423103, EPI_ISL_1423106, EPI_ISL_1423107, EPI_ISL_1423109, EPI_ISL_1423110, EPI_ISL_1423111, EPI_ISL_1423133, EPI_ISL_1423134, EPI_ISL_1423136, EPI_ISL_1423139, EPI_ISL_1423140, EPI_ISL_1423142, EPI_ISL_1423144, EPI_ISL_1423145, EPI_ISL_1423149, EPI_ISL_1423150, EPI_ISL_1423153, EPI_ISL_1423154, EPI_ISL_1423156, EPI_ISL_1423157, EPI_ISL_1423160, EPI_ISL_1423162, EPI_ISL_1423163, EPI_ISL_1423164, EPI_ISL_1423165, EPI_ISL_1423166, EPI_ISL_1423168, EPI_ISL_1423169, EPI_ISL_1423170, EPI_ISL_1423171, EPI_ISL_1423173, EPI_ISL_1423174, EPI_ISL_1423175, EPI_ISL_1423177, EPI_ISL_1423178, EPI_ISL_1423179, EPI_ISL_1423183, EPI_ISL_1423184, EPI_ISL_1423185, EPI_ISL_1423187, EPI_ISL_1423189, EPI_ISL_1423191, EPI_ISL_1423193, EPI_ISL_1423196, EPI_ISL_1423198, EPI_ISL_1423199, EPI_ISL_1423200, EPI_ISL_1423202	WVU Rapid Development Laboratory	WVU and Marshall University Combined Genomics Core Facilities	"James Denvir, Peter Stoilov, Peter Perrotta, Wesley Kimble, Ryan Percifield"	
EPI_ISL_1423227, EPI_ISL_1423327	Berkeley Medical Center	WVU and Marshall University Combined Genomics Core Facilities	"James Denvir, Peter Stoilov, Peter Perrotta, Wesley Kimble, Ryan Percifield"	
EPI_ISL_1423483	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_1423537, EPI_ISL_1423540, EPI_ISL_1423546, EPI_ISL_1423547, EPI_ISL_1423556, EPI_ISL_1423561, EPI_ISL_1423563, EPI_ISL_1423567, EPI_ISL_1423568, EPI_ISL_1423576, EPI_ISL_1423577, EPI_ISL_1423589	see above	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1423940, EPI_ISL_1423948, EPI_ISL_1423962, EPI_ISL_1423972, EPI_ISL_1423973, EPI_ISL_1423974	Arizona State University	Arizona State University	Peter T. Skidmore, LaRinda A. Holland, Rabia Maqsood, Emily A. Kaelin, Nicholas J. Mellor, Kristina Buss, Joy M. Blain, Neal W Woodbury, Valerie Harris, Joshua LaBaer, Vel Murugan, Efrém S. Lim	
EPI_ISL_1424486, EPI_ISL_1424487, EPI_ISL_1424492, EPI_ISL_1424493	COVID Outreach Wood River	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Shah Mohamed Bakhsh, Michelle Lin, Tom Archie, Ryan Cole, Meei-Li Huang, Keith R. Jerome, Alexander Greninger	
EPI_ISL_1443831, EPI_ISL_1443842, EPI_ISL_1443846, EPI_ISL_1443918, EPI_ISL_1443929, EPI_ISL_1443932, EPI_ISL_1443933, EPI_ISL_1443935, EPI_ISL_1443944, EPI_ISL_1443949, EPI_ISL_1443961, EPI_ISL_1443965, EPI_ISL_1443968, EPI_ISL_1443973, EPI_ISL_1443981, EPI_ISL_1443984, EPI_ISL_1443987, EPI_ISL_1443995, EPI_ISL_1444002, EPI_ISL_1444006, EPI_ISL_1444011, EPI_ISL_1444012, EPI_ISL_1444021, EPI_ISL_1444022, EPI_ISL_1444024, EPI_ISL_1444030, EPI_ISL_1444035, EPI_ISL_1444045, EPI_ISL_1444051, EPI_ISL_1444059, EPI_ISL_1444070, EPI_ISL_1444073, EPI_ISL_1444074, EPI_ISL_1444092, EPI_ISL_1444093, EPI_ISL_1444095, EPI_ISL_1444096, EPI_ISL_1444100, EPI_ISL_1444103, EPI_ISL_1444104, EPI_ISL_1444117, EPI_ISL_1444120, EPI_ISL_1444167, EPI_ISL_1444180, EPI_ISL_1444183, EPI_ISL_1444189, EPI_ISL_1444193, EPI_ISL_1444198, EPI_ISL_1444207, EPI_ISL_1444227, EPI_ISL_1444231, EPI_ISL_1444232, EPI_ISL_1444236, EPI_ISL_1444240, EPI_ISL_1444247, EPI_ISL_1444249, EPI_ISL_1444251, EPI_ISL_1444255	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, Sxiang Tong, Duncan MacCannell
EPI_ISL_1444347, EPI_ISL_1444348, EPI_ISL_1444353, EPI_ISL_1444354, EPI_ISL_1444355, EPI_ISL_1444357, EPI_ISL_1444363, EPI_ISL_1444371, EPI_ISL_1444377, EPI_ISL_1444379, EPI_ISL_1444381, EPI_ISL_1444382, EPI_ISL_1444386, EPI_ISL_1444396, EPI_ISL_1444400, EPI_ISL_1444401, EPI_ISL_1444403, EPI_ISL_1444406, EPI_ISL_1444412, EPI_ISL_1444416, EPI_ISL_1444418, EPI_ISL_1444427, EPI_ISL_1444430, EPI_ISL_1444434, EPI_ISL_1444435, EPI_ISL_1444437, EPI_ISL_1444438, EPI_ISL_1444439, EPI_ISL_1444446, EPI_ISL_1444447, EPI_ISL_1444448, EPI_ISL_1444452, EPI_ISL_1444453, EPI_ISL_1444458, EPI_ISL_1444461, EPI_ISL_1444462, EPI_ISL_1444469, EPI_ISL_1444470, EPI_ISL_1444471, EPI_ISL_1444476, EPI_ISL_1444477, EPI_ISL_1444478, EPI_ISL_1444484, EPI_ISL_1444486, EPI_ISL_1444489, EPI_ISL_1444490, EPI_ISL_1444493, EPI_ISL_1444494, EPI_ISL_1444495, EPI_ISL_1444497, EPI_ISL_1444499, EPI_ISL_1444507, EPI_ISL_1444514, EPI_ISL_1444520, EPI_ISL_1444523, EPI_ISL_1444539, EPI_ISL_1444545, EPI_ISL_1444549, EPI_ISL_1444551, EPI_ISL_1444555, EPI_ISL_1444559, EPI_ISL_1444565, EPI_ISL_1444566, EPI_ISL_1444568, EPI_ISL_1444571, EPI_ISL_1444573, EPI_ISL_1444576, EPI_ISL_1444577, EPI_ISL_1444579, EPI_ISL_1444580, EPI_ISL_1444581, EPI_ISL_1444584, EPI_ISL_1444588, EPI_ISL_1444589, EPI_ISL_1444590, EPI_ISL_1444600, EPI_ISL_1444601, EPI_ISL_1444602, EPI_ISL_1444604, EPI_ISL_1444613, EPI_ISL_1444615, EPI_ISL_1444617, EPI_ISL_1444626, EPI_ISL_1444627, EPI_ISL_1444628, EPI_ISL_1444631, EPI_ISL_1444632, EPI_ISL_1444637, EPI_ISL_1444639, EPI_ISL_1444640, EPI_ISL_1444642, EPI_ISL_1444652, EPI_ISL_1444653, EPI_ISL_1444655, EPI_ISL_1444658, EPI_ISL_1444662, EPI_ISL_1444663, EPI_ISL_1444664, EPI_ISL_1444665, EPI_ISL_1444666, EPI_ISL_1444667, EPI_ISL_1444669, EPI_ISL_1444671, EPI_ISL_1444672, EPI_ISL_1444675, EPI_ISL_1444697, EPI_ISL_1444698, EPI_ISL_1444714, EPI_ISL_1444724	see above	Quest Diagnostics Incorporated	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Dakota Howard, Dhvani Batra, Peter W. Cook, Kara Moser, Adrian Paskey, Jason Caravas, Benjamin Rambo-Martin, Shatavia Morrison, Christopher Gulvick, Scott Sammons, Yvette Onoaurumi, 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_1444896	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_1445008	Erie County Public Health (ECPHL)	University at Buffalo Genomics and Bioinformatics Core	Jonathan Bard, Natalie Lamb, Alyssa Pohlman, Brandon Marzullo, Amanda Boccolucci, Norma Nowak, Donald Yergeau, Jennifer Surtees	
EPI_ISL_1445032, EPI_ISL_1445033, EPI_ISL_1445057, EPI_ISL_1445058,	Virginia Division of Consolidated Laboratory Services	Virginia Division of Consolidated Laboratory Services	Virginia DCLS	

EPI_ISL_1445059					
EPI_ISL_1445284, EPI_ISL_1445286, EPI_ISL_1445292, EPI_ISL_1445293, EPI_ISL_1445294, EPI_ISL_1445297, EPI_ISL_1445298, EPI_ISL_1445303, EPI_ISL_1445304, EPI_ISL_1445309, EPI_ISL_1445311, EPI_ISL_1445316, EPI_ISL_1445330, EPI_ISL_1445346, EPI_ISL_1445352, EPI_ISL_1445356, EPI_ISL_1445368, EPI_ISL_1445384, EPI_ISL_1445385, EPI_ISL_1445386, EPI_ISL_1445390, EPI_ISL_1445400, EPI_ISL_1445411, EPI_ISL_1445412, EPI_ISL_1445418, EPI_ISL_1445426, EPI_ISL_1445429, EPI_ISL_1445434, EPI_ISL_1445441, EPI_ISL_1445454, EPI_ISL_1445459, EPI_ISL_1445461, EPI_ISL_1445468, EPI_ISL_1445482, EPI_ISL_1445483, EPI_ISL_1445506, EPI_ISL_1445517, EPI_ISL_1445538, EPI_ISL_1445540, EPI_ISL_1445543, EPI_ISL_1445545, EPI_ISL_1445547, EPI_ISL_1445551, EPI_ISL_1445554, EPI_ISL_1445555, EPI_ISL_1445556, EPI_ISL_1445557, EPI_ISL_1445564, EPI_ISL_1445567, EPI_ISL_1445569, EPI_ISL_1445570, EPI_ISL_1445574, EPI_ISL_1445587, EPI_ISL_1445597, EPI_ISL_1445598, EPI_ISL_1445600, EPI_ISL_1445601, EPI_ISL_1445605, EPI_ISL_1445606, EPI_ISL_1445609, EPI_ISL_1445610, EPI_ISL_1445616, EPI_ISL_1445620, EPI_ISL_1445622, EPI_ISL_1445627, EPI_ISL_1445629, EPI_ISL_1445630, EPI_ISL_1445633, EPI_ISL_1445634, EPI_ISL_1445652, EPI_ISL_1445653, EPI_ISL_1445655, EPI_ISL_1445656, EPI_ISL_1445660, EPI_ISL_1445663, EPI_ISL_1445667, EPI_ISL_1445671, EPI_ISL_1445691, EPI_ISL_1445693, EPI_ISL_1445694, EPI_ISL_1445695, EPI_ISL_1445698, EPI_ISL_1445709, EPI_ISL_1445710, EPI_ISL_1445714, EPI_ISL_1445716, EPI_ISL_1445730, EPI_ISL_1445740, EPI_ISL_1445746, EPI_ISL_1445754, EPI_ISL_1445764, EPI_ISL_1445768, EPI_ISL_1445774, EPI_ISL_1445787, EPI_ISL_1445789, EPI_ISL_1445790, EPI_ISL_1445795, EPI_ISL_1445797, EPI_ISL_1445798, EPI_ISL_1445799, EPI_ISL_1445800, EPI_ISL_1445802, EPI_ISL_1445805, EPI_ISL_1445806, EPI_ISL_1445808, EPI_ISL_1445812, EPI_ISL_1445815, EPI_ISL_1445816, EPI_ISL_1445818, EPI_ISL_1445825, EPI_ISL_1445836, EPI_ISL_1445839, EPI_ISL_1445843, EPI_ISL_1445845, EPI_ISL_1445851, EPI_ISL_1445857, EPI_ISL_1445872, EPI_ISL_1445874, EPI_ISL_1445882, EPI_ISL_1445887, EPI_ISL_1445909, EPI_ISL_1445921, EPI_ISL_1445922, EPI_ISL_1445926, EPI_ISL_1445927, EPI_ISL_1445931, EPI_ISL_1445932, EPI_ISL_1445939, EPI_ISL_1445940, EPI_ISL_1445942, EPI_ISL_1445944, EPI_ISL_1445948, EPI_ISL_1445950, EPI_ISL_1445958, EPI_ISL_1445959, EPI_ISL_1445976, EPI_ISL_1445977, EPI_ISL_1445980, EPI_ISL_1445990	see above	Aegis Sciences Corporation	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Dakota Howard, Dhwani Batra, Peter W. Cook, Kara Moser, Adrian Paskey, Jason Caravas, Benjamin Rambo-Martin, Shatavia Morrison, Christopher Gulvick, Scott Sammons, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Cyndi Clark, Patrick Campbell, Rob Case, Vikramsinha Ghorpade, Holly Houdeshell, Ola Kvalvaag, Dillon Nall, Ethan Sanders, Alec Vest, Shaun Westlund, Matthew Hardison, Clinton R. Paden, Duncan MacCannell	
EPI_ISL_1445995		M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang	
EPI_ISL_1446002, EPI_ISL_1446035, EPI_ISL_1446041, EPI_ISL_1446060, EPI_ISL_1446089, EPI_ISL_1446092, EPI_ISL_1446110, EPI_ISL_1446111, EPI_ISL_1446116, EPI_ISL_1446117, EPI_ISL_1446118, EPI_ISL_1446119, EPI_ISL_1446127, EPI_ISL_1446129, EPI_ISL_1446130, EPI_ISL_1446131, EPI_ISL_1446145, EPI_ISL_1446150, EPI_ISL_1446151, EPI_ISL_1446162, EPI_ISL_1446166, EPI_ISL_1446185	see above	Aegis Sciences Corporation	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Dakota Howard, Dhwani Batra, Peter W. Cook, Kara Moser, Adrian Paskey, Jason Caravas, Benjamin Rambo-Martin, Shatavia Morrison, Christopher Gulvick, Scott Sammons, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Cyndi Clark, Patrick Campbell, Rob Case, Vikramsinha Ghorpade, Holly Houdeshell, Ola Kvalvaag, Dillon Nall, Ethan Sanders, Alec Vest, Shaun Westlund, Matthew Hardison, Clinton R. Paden, Duncan MacCannell	
EPI_ISL_1446197, EPI_ISL_1446229, EPI_ISL_1446233, EPI_ISL_1446235, EPI_ISL_1446238, EPI_ISL_1446243, EPI_ISL_1446273, EPI_ISL_1446288, EPI_ISL_1446291, EPI_ISL_1446306		Texas Children's Hospital	Texas Children's Microbiome Center	Ruth Ann Luna, Jennifer K. Spinler, James Dunn, James Versalovic, Ila Singh	
EPI_ISL_1446313		MO State Public Health Laboratory	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Mili Sheth, Sarah Nobles, Jasmine Padilla, Mark Burroughs, Shoshona Le, Katie Dillon, Peter Cook, Clinton R. Paden, Dhwani Batra, Krista Queen, Kristen Knipe, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee	
EPI_ISL_1446324, EPI_ISL_1446330		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, Dhwani Batra, Krista Queen, Kristen Knipe, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee	
EPI_ISL_1446367		WI State Laboratory of Hygiene	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Mili Sheth, Sarah Nobles, Jasmine Padilla, Mark Burroughs, Shoshona Le, Katie Dillon, Peter Cook, Clinton R. Paden, Dhwani Batra, Krista Queen, Kristen Knipe, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee	
EPI_ISL_1446423		WY Public Health Laboratory	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Mili Sheth, Sarah Nobles, Jasmine Padilla, Mark Burroughs, Shoshona Le, Katie Dillon, Peter Cook, Clinton R. Paden, Dhwani Batra, Krista Queen, Kristen Knipe, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee	
EPI_ISL_1446439		UT-Unified State Labs: Public Health Utah DOH	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Mili Sheth, Sarah Nobles, Jasmine Padilla, Mark Burroughs, Shoshona Le, Katie Dillon, Peter Cook, Clinton R. Paden, Dhwani Batra, Krista Queen, Kristen Knipe, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee	
EPI_ISL_1446447, EPI_ISL_1446476, EPI_ISL_1446480, EPI_ISL_1446482		MT Public Health Laboratory	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Mili Sheth, Sarah Nobles, Jasmine Padilla, Mark Burroughs, Shoshona Le, Katie Dillon, Peter Cook, Clinton R. Paden, Dhwani Batra, Krista Queen, Kristen Knipe, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee	
EPI_ISL_1446545		"OK Public Health Laboratory, Oklahoma State DOH"	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Mili Sheth, Sarah Nobles, Jasmine Padilla, Mark Burroughs, Shoshona Le, Katie Dillon, Peter Cook, Clinton R. Paden, Dhwani Batra, Krista Queen, Kristen Knipe, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee	
EPI_ISL_1446576		UT-Unified State Labs: Public Health Utah DOH	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Mili Sheth, Sarah Nobles, Jasmine Padilla, Mark Burroughs, Shoshona Le, Katie Dillon, Peter Cook, Clinton R. Paden, Dhwani Batra, Krista Queen, Kristen Knipe, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee	
EPI_ISL_1446621		OH Department of Health Laboratory	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Mili Sheth, Sarah Nobles, Jasmine Padilla, Mark Burroughs, Shoshona Le, Katie Dillon, Peter Cook, Clinton R. Paden, Dhwani Batra, Krista Queen, Kristen Knipe, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee	
EPI_ISL_1446634		UT-Unified State Labs: Public Health Utah DOH	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Mili Sheth, Sarah Nobles, Jasmine Padilla, Mark Burroughs, Shoshona Le, Katie Dillon, Peter Cook, Clinton R. Paden, Dhwani Batra, Krista Queen, Kristen Knipe, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee	
EPI_ISL_1446638, EPI_ISL_1446639		"NM Dept. Health, Scientific Laboratory Division "	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Mili Sheth, Sarah Nobles, Jasmine Padilla, Mark Burroughs, Shoshona Le, Katie Dillon, Peter Cook, Clinton R. Paden, Dhwani Batra, Krista Queen, Kristen Knipe, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee	
EPI_ISL_1446651, EPI_ISL_1446663, EPI_ISL_1446664		"AK State Public Health Lab, State Health Department"	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Mili Sheth, Sarah Nobles, Jasmine Padilla, Mark Burroughs, Shoshona Le, Katie Dillon, Peter Cook, Clinton R. Paden, Dhwani Batra, Krista Queen, Kristen Knipe, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee	
EPI_ISL_1446668, EPI_ISL_1446670, EPI_ISL_1446673, EPI_ISL_1446675		VT Dept. of Health Laboratory	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Mili Sheth, Sarah Nobles, Jasmine Padilla, Mark Burroughs, Shoshona Le, Katie Dillon, Peter Cook, Clinton R. Paden, Dhwani Batra, Krista Queen, Kristen Knipe, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee	
EPI_ISL_1446682		WA State 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, Dhwani Batra, Krista Queen, Kristen Knipe, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee	
EPI_ISL_1446686, EPI_ISL_1446688		MT Public Health Laboratory	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Mili Sheth, Sarah Nobles, Jasmine Padilla, Mark Burroughs, Shoshona Le, Katie Dillon, Peter Cook, Clinton R. Paden, Dhwani Batra, Krista Queen, Kristen Knipe, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee	
EPI_ISL_1446692, EPI_ISL_1446693, EPI_ISL_1446697, EPI_ISL_1446698, EPI_ISL_1446699		WA State 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, Dhwani Batra, Krista Queen, Kristen Knipe, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee	
EPI_ISL_1446702, EPI_ISL_1446703, EPI_ISL_1446705		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, Dhwani Batra, Krista Queen, Kristen Knipe, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee	

EPI_ISL_1446707, EPI_ISL_1446709	SC Dept of Health and Env. Control-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_1446714, EPI_ISL_1446715	CA-Los Angeles County 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_1446750, EPI_ISL_1446751, EPI_ISL_1446755, EPI_ISL_1446756, EPI_ISL_1446758	ND Dept. of Health Laboratory Services-Microbiology	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_1446760, EPI_ISL_1446762, EPI_ISL_1446763, EPI_ISL_1446764	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_1446776, EPI_ISL_1446777, EPI_ISL_1446779, EPI_ISL_1446780, EPI_ISL_1446782, EPI_ISL_1446783, EPI_ISL_1446788, EPI_ISL_1446792, EPI_ISL_1446795, EPI_ISL_1446801, EPI_ISL_1446802	see above	"CDPH, Viral and Rickettsial Disease Laboratory"	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_1446803	ME Health and Environmental Testing 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_1446815, EPI_ISL_1446816, EPI_ISL_1446822	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_1446825	NE Public Health Laboratory	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Mili Sheth, Sarah Nobles, Jasmine Padilla, Mark Burroughs, Shoshona Le, Katie Dillon, Peter Cook, Clinton R. Paden, Dhvani Batra, Krista Queen, Kristen Knipe, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee
EPI_ISL_1446844	"CDPH, Viral and Rickettsial Disease Laboratory"	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Mili Sheth, Sarah Nobles, Jasmine Padilla, Mark Burroughs, Shoshona Le, Katie Dillon, Peter Cook, Clinton R. Paden, Dhvani Batra, Krista Queen, Kristen Knipe, Dakota Howard, Yvette Unoarumhi, Darlene Wagner, Matthew Schmerer, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Alison Laufer Halpin, Dave Wentworth, Vivien Dugan, Suxiang Tong, Justin Lee
EPI_ISL_1447190	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1447508, EPI_ISL_1447509	Washington State Department of Health Public Health Laboratories	Washington State Department of Health Public Health Laboratories	Drew MacKellar, Philip Dykema, Denny Russell, Joenice Gonzalez, Hannah Gray, Geoff Melly, Vanessa De Los Santos, Darren Lucas, JohnAric Peterson, Avi Singh, Rebecca Cao
EPI_ISL_1447533, EPI_ISL_1447591, EPI_ISL_1447641, EPI_ISL_1447659	Yale Clinical Virology Lab	Grubaugh Lab - Yale School of Public Health	Joseph Fauver, Mallery Breban, Isabel Ott, Tara Alpert, Mary Petrone, Anderson Brito, Chantal Vogels, Annie Watkins, Chaney Kalinich, Jessica Rothman, Marie L. Landry, Nathan Grubaugh
EPI_ISL_1448054, EPI_ISL_1448055, EPI_ISL_1448057, EPI_ISL_1448058, EPI_ISL_1448059, EPI_ISL_1448061, EPI_ISL_1448062, EPI_ISL_1448063, EPI_ISL_1448070, EPI_ISL_1448071, EPI_ISL_1448073, EPI_ISL_1448074, EPI_ISL_1448075, EPI_ISL_1448076, EPI_ISL_1448077, EPI_ISL_1448078, EPI_ISL_1448079, EPI_ISL_1448080, EPI_ISL_1448081, EPI_ISL_1448082, EPI_ISL_1448083, EPI_ISL_1448084, EPI_ISL_1448085, EPI_ISL_1448086, EPI_ISL_1448087, EPI_ISL_1448088, EPI_ISL_1448089, EPI_ISL_1448090, EPI_ISL_1448091, EPI_ISL_1448092, EPI_ISL_1448093, EPI_ISL_1448094, EPI_ISL_1448095, EPI_ISL_1448096, EPI_ISL_1448097, EPI_ISL_1448098, EPI_ISL_1448099, EPI_ISL_1448100, EPI_ISL_1448101, EPI_ISL_1448102, EPI_ISL_1448103, EPI_ISL_1448104, EPI_ISL_1448105, EPI_ISL_1448106, EPI_ISL_1448107, EPI_ISL_1448108, EPI_ISL_1448109, EPI_ISL_1448110, EPI_ISL_1448111, EPI_ISL_1448112, EPI_ISL_1448113, EPI_ISL_1448114, EPI_ISL_1448115, EPI_ISL_1448116, EPI_ISL_1448117, EPI_ISL_1448118, EPI_ISL_1448119, EPI_ISL_1448120, 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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