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

Authors are sorted alphabetically.

Accession ID	Originating Laboratory	Submitting Laboratory	Authors
EPI_ISL_1026032, EPI_ISL_1026052,	Laboratory Corporation of America	Respiratory Viruses Branch, Division of Viral Diseases,	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1026127, EPI_ISL_1026683, EPI_ISL_1031357, EPI_ISL_1032327, EPI_ISL_1038688		Centers for Disease Control and Prevention	
EPI_ISL_1086320, EPI_ISL_1086323, EPI_ISL_1087472, EPI_ISL_1087496, EPI_ISL_1090420, EPI_ISL_1090680, EPI_ISL_1090685, EPI_ISL_1090686, EPI_ISL_1090688	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_1094198, EPI_ISL_1094209, EPI_ISL_1094221, EPI_ISL_1094276, EPI_ISL_1094772, EPI_ISL_1094773, EPI_ISL_1094774, EPI_ISL_1094775	HI Dept. of Health, State Laboratories Division	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1114545, EPI_ISL_1114585, EPI_ISL_1114662	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_1134001	Helix/Illumina	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, Eileen de Feo, Jan Antico, Christine Tran, Matthew Tolentino, Shannon Wickline, Kim Gietzen, Brad Sickler, Jingtao Liu, Eric Allen, Phil Febbo, Summer Galloway, Nicole L. Washington, Simon White, Geraint Levan, Kelly Schiabor Barrett, Elizabeth Cirulli, Alexandre Bolze, Ary Ascencio, Charlotte Rivera-Garcia, Ryan Cho, Jason Nguyen, Sherry Wang, Jimmy Ramirez, Tyler Cassens Efren Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1162385	Laboratory Corporation of America	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, 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_1253049, EPI_ISL_1253322, EPI_ISL_1253329, EPI_ISL_1267156	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_1272638, EPI_ISL_1272639, EPI_ISL_127	2640, EPI_ISL_1272641, EPI_ISL_1272642, EPI_ISL_12726	643, EPI_ISL_1272644, EPI_ISL_1272645, EPI_ISL_1272646, EI	PI_ISL_1272647, EPI_ISL_1272648, EPI_ISL_1272649, EPI_ISL_1272650, EPI_ISL_1272651, EPI_ISL_1272652
see above	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, Dhwani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1292442, EPI_ISL_1292443, EPI_ISL_129 EPI_ISL_1292462, EPI_ISL_1292463, EPI_ISL_129 EPI_ISL_1292481, EPI_ISL_1292482, EPI_ISL_129 EPI_ISL_1292501, EPI_ISL_1292502, EPI_ISL_129 EPI_ISL_12925240, EPI_ISL_1292523, EPI_ISL_129 EPI_ISL_1292540, EPI_ISL_1292563, EPI_ISL_129 EPI_ISL_12925602, EPI_ISL_1292563, EPI_ISL_129 EPI_ISL_12925602, EPI_ISL_1292581, EPI_ISL_129 EPI_ISL_1292597, EPI_ISL_1292581, EPI_ISL_129 EPI_ISL_1292632, EPI_ISL_1292633, EPI_ISL_129 EPI_ISL_1292632, EPI_ISL_1292633, EPI_ISL_129 EPI_ISL_1292632, EPI_ISL_1292633, EPI_ISL_129 EPI_ISL_12926349, EPI_ISL_1292650, EPI_ISL_129 EPI_ISL_12926649, EPI_ISL_1292669, EPI_ISL_129 EPI_ISL_1292685, EPI_ISL_1292733, EPI_ISL_129 EPI_ISL_1292702, EPI_ISL_1292773, EPI_ISL_129 EPI_ISL_1292773, EPI_ISL_12927740, EPI_ISL_129 EPI_ISL_12927758, EPI_ISL_12927740, EPI_ISL_129 EPI_ISL_1292775, EPI_ISL_1292776, EPI_ISL_129	2444, EP_ISL_1292445, EP_ISL_1292448, EP_ISL_1292448, EP_ISL_1292465, EP_ISL_1292465, EP_ISL_1292467, EP_ISL_1292464, EP_ISL_1292467, EP_ISL_1292464, EP_ISL_1292467, EP_ISL_1292504, EP_ISL_1292509, EP_ISL_1292600, EP_ISL_1292601, EP_ISL_1292509, EP_ISL_1292601, EP_ISL_1292601, EP_ISL_1292601, EP_ISL_1292603, EP_ISL_1292604, EP_ISL_1292604, EP_ISL_1292604, EP_ISL_1292604, EP_ISL_1292674, EP_ISL_1292674, EP_ISL_1292674, EP_ISL_1292674, EP_ISL_1292674, EP_ISL_1292704, EP_ISL_1292705, EP_ISL_1292704, EP_ISL_1292706, EP_ISL_1292707, EP_ISL_1292707, EP_ISL_1292707, EP_ISL_1292707, EP_ISL_1292706, EP_ISL_1292706, EP_ISL_1292706, EP_ISL_1292707, EP_ISL_1292706, EP_ISL_1292707, EP_ISL_1292706, EP_ISL_1292706, EP_ISL_1292706, EP_ISL_1292706, EP_ISL_1292706, EP_ISL_1292706, EP_ISL_1292706, EP_ISL_1292707, EP_ISL_1292706, EP_ISL_1	449, EP_ISL 1292450, EP_ISL 1292451, EP_ISL 1292452, EI 486, EP_ISL 1292448, EP_ISL 1292471, EP_ISL 1292472, EI 486, EP_ISL 1292487, EP_ISL 1292478, EP_ISL 1292478, EI 507, EP_ISL 1292508, EP_ISL 1292509, EP_ISL 12925311, EI 527, EP_ISL 1292528, EP_ISL 1292529, EP_ISL 1292530, EI 545, EP_ISL 1292548, EP_ISL 1292549, EP_ISL 1292550, EI 546, EP_ISL 1292548, EP_ISL 1292570, EP_ISL 1292550, EI 586, EP_ISL 1292568, EP_ISL 1292570, EP_ISL 1292550, EI 586, EP_ISL 1292566, EP_ISL 1292567, EP_ISL 1292588, EI 587, EP_ISL 1292661, EP_ISL 1292662, EP_ISL 1292665, EI 520, EP_ISL 1292638, EP_ISL 1292639, EP_ISL 1292640, EI 527, EP_ISL 1292661, EP_ISL 1292657, EP_ISL 1292660, EI 573, EP_ISL 12926674, EP_ISL 1292675, EP_ISL 1292660, EI 574, EP_ISL 1292674, EP_ISL 1292675, EP_ISL 1292676, EI 577, EP_ISL 1292748, EP_ISL 1292779, EP_ISL 1292770, EP 577, EP_ISL 1292768, EP_ISL 1292799, EP_ISL 1292730, EI 578, EP_ISL 1292764, EP_ISL 1292779, EP_ISL 1292730, EI 578, EP_ISL 1292764, EP_ISL 1292774, EP_ISL 1292776, EI 578, EP_ISL 1292764, EP_ISL 1292775, EP_ISL 1292766, EI 579, EP_ISL 1292780, EP_ISL 1292778, EP_ISL 1292766, EI 5799, EP_ISL 1292800, EP_ISL 1292801, EP_ISL 1292802, EI 5799, EP_ISL 1292800, EP_ISL 1292801, EP_ISL 129	P. ISL. 1292434, EP. ISL. 1292435, EP. ISL. 1292436, EP. ISL. 1292437, EP. ISL. 1292438, EP. ISL. 1292439, EP. ISL. 1292440, EP. ISL. 1292441, PP. ISL. 1292454, EP. ISL. 1292475, EP. ISL. 1292476, EP. ISL. 1292477, EP. ISL. 1292574, EP. ISL. 1292574, EP. ISL. 1292574, EP. ISL. 1292575, EP. ISL. 1292575, EP. ISL. 1292577, EP. ISL. 129267, EP. ISL. 1292677, EP. ISL. 1292677, EP. ISL. 1292677, EP. ISL. 1292683, EP. ISL. 1292683, EP. ISL. 129
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_426420, EPI_ISL_426421	HI Dept. of Health, State Laboratories Division	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Anna Uehara, Yan Li, Krista Queen, Clinton R. Paden, Rachel Marine, Ying Tao, Jing Zhang, Haibin Wang, Mary S. Keckler, Alison S. Laufer Halpin, Christopher A. Elkins, Suxiang Tong
EPI_ISL_468573, EPI_ISL_468574	Quest Diagnostics	Quest Diagnostics	Anderson, B.P., Rosenthal, S.H., Gerasimova, A., Kagan, R.M. and Owen, R.
EPLISL_571183, EPLISL_571184, EPLISL_571185, EPLISL_571298, EPLISL_571527, EPLISL_571528, EPLISL_571927, EPLISL_604452	Quest Diagnostics	Quest Diagnostics	Rosenthal, S.H., Gerasimova, A., Kagan, R.M., Anderson, B., Grover, D., Livingston, K.E., Hua, M., Liu Y., Shalhout, D.F., Owen, R., Lacbawan, F.
EPI_ISL_751578, EPI_ISL_751603, EPI_ISL_751651, EPI_ISL_751673,	HI Dept. of Health, State Laboratories Division	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook,Rachel Marine, Mili Sheth, Haibin Wang, Justin Lee, Suxiang Tong

EPI\_ISL\_752607, EPI\_ISL\_752608, EPI\_ISL\_752609, EPI\_ISL\_752610, EPI\_ISL\_752611, EPI\_ISL\_752611, EPI\_ISL\_752613, EPI\_ISL\_752613, EPI\_ISL\_752614, EPI\_ISL\_752614, EPI\_ISL\_752614, EPI\_ISL\_752614, EPI\_ISL\_752624, EPI\_ISL\_752625, EPI\_ISL\_752626, EPI\_ISL\_752626, EPI\_ISL\_752627, EPI\_ISL\_752628, EPI\_ISL\_752639, EPI\_ISL\_752631, EPI\_ISL\_752631, EPI\_ISL\_752631, EPI\_ISL\_752631, EPI\_ISL\_752632, EPI\_ISL\_752633, EPI\_ISL\_752634, EPI\_ISL\_752634, EPI\_ISL\_752637, EPI\_ISL\_752638, EPI\_ISL\_752639, EPI\_ISL\_752639 EPI ISL 752643, EPI ISL 752644, EPI ISL 752644, EPI ISL 752645, EPI ISL 752645, EPI ISL 752650, EPI ISL 752655, EPI ISL 752656, EPI ISL 752656, EPI ISL 752656, EPI ISL 752656, EPI ISL 752658, EPI ISL 752659, EPI ISL 752659 EPI\_ISL\_752661, EPI\_ISL\_752662, EPI\_ISL\_752663, EPI\_ISL\_752663, EPI\_ISL\_752664, EPI\_ISL\_752664, EPI\_ISL\_752675, EPI\_ISL\_752676, EPI\_ISL\_752676, EPI\_ISL\_752676, EPI\_ISL\_752677, EPI\_ISL\_752676, EPI\_ISL\_752677, EPI\_ISL\_752677 EPI\_ISL\_752679, EPI\_ISL\_752680, EPI\_ISL\_752680 EPI ISL 752697, EPI ISL 752698, EPI ISL 752709, EPI ISL 752709, EPI ISL 752700, EPI ISL 752701, EPI ISL 752701, EPI ISL 752703, EPI ISL 752703, EPI ISL 752703, EPI ISL 752704, EPI ISL 752705, EPI ISL 752705 EPI ISL 752715, EPI ISL 752716, EPI ISL 752716, EPI ISL 752717, EPI ISL 752729, EPI ISL 752739, EPI ISL 752739 EPI ISL 752733 EPI ISL 752736 EPI ISL 752737 EPI ISL 752737 EPI ISL 752736 EPI ISL 752737 EPI ISL 752736 EPI ISL 752736 EPI ISL 752736 EPI ISL 752737 EPI ISL 752737 EPI ISL 752737 EPI ISL 752737 EPI ISL 752736 EPI IS EPI ISL 752751 EPI ISL 752752 EPI ISL 752753 EPI ISL 752755 EPI ISL 752756 EPI ISL 752756 EPI ISL 752756 EPI ISL 752756 EPI ISL 752766 EPI ISL 752766 EPI ISL 752766 EPI ISL 752767 EPI IS EPI ISL 752776 EPI ISL 752770 EPI ISL 752770 EPI ISL 752771 EPI ISL 752777 EPI ISL 752777 EPI ISL 752777 EPI ISL 752778 EPI ISL 752778 EPI ISL 752778 EPI ISL 752778 EPI ISL 752780 EPI IS EPI ISL 752797, EPI ISL 752798, EPI ISL 752798, EPI ISL 752798, EPI ISL 752799, EPI ISL 752791, EPI ISL 752795, EPI ISL 752795 EPI\_ISL\_752805, EPI\_ISL\_752805, EPI\_ISL\_752806, EPI\_ISL\_752806, EPI\_ISL\_752806, EPI\_ISL\_752814, EPI\_ISL\_752815, EPI\_ISL\_752815, EPI\_ISL\_752816, EPI\_ISL\_752816, EPI\_ISL\_752816, EPI\_ISL\_752819, EPI\_ISL\_752819, EPI\_ISL\_752810, EPI\_ISL\_752810, EPI\_ISL\_752810, EPI\_ISL\_752811, EPI\_ISL\_752811 EPI\_ISL\_752823, EPI\_ISL\_752823, EPI\_ISL\_752824, EPI\_ISL\_752824, EPI\_ISL\_752826, EPI\_ISL\_752826, EPI\_ISL\_752837, EPI\_ISL\_752837 EPI\_ISL\_752841, EPI\_ISL\_752842, EPI\_ISL\_752843, EPI\_ISL\_752844, EPI\_ISL\_752844, EPI\_ISL\_752845, EPI\_ISL\_752856, EPI\_ISL\_752856, EPI\_ISL\_752856, EPI\_ISL\_752857, EPI\_ISL\_752857, EPI\_ISL\_752858, EPI\_ISL\_752858 EPI\_ISL\_752859, EPI\_ISL\_752860, EPI\_ISL\_752860, EPI\_ISL\_752860, EPI\_ISL\_752860, EPI\_ISL\_752861, EPI\_ISL\_752863, EPI\_ISL\_752863, EPI\_ISL\_752864, EPI\_ISL\_752864, EPI\_ISL\_752865, EPI\_ISL\_752865 EPI ISL 752877, EPI ISL 752878, EPI ISL 752878, EPI ISL 752889, EPI ISL 752889 EPI ISL 752895, EPI ISL 752895, EPI ISL 752896, EPI ISL 752997, EPI ISL 752907, EPI ISL 752907 EPI ISL 752913, EPI ISL 752914, EPI ISL 752914, EPI ISL 752915, EPI ISL 752916, EPI ISL 752926, EPI ISL 752928, EPI ISL 752929, EPI ISL 752929 EPI ISL 752931, EPI ISL 752932, EPI ISL 752932, EPI ISL 752933, EPI ISL 752934, EPI ISL 752936, EPI ISL 752936, EPI ISL 752947, EPI ISL 752947, EPI ISL 752948, EPI ISL 752948 EPLISL 752949, EPLISL 752950, EPLISL 752950, EPLISL 752950, EPLISL 752950, EPLISL 752950, EPLISL 752950, EPLISL 752960, EPLISL EPI\_ISL\_75290, FPI\_ISL\_75290, EPI\_ISL\_75290, EPI\_IS EPI\_ISL\_753021, EPI\_ISL\_753021, EPI\_ISL\_753022, EPI\_ISL\_753023, EPI\_ISL\_753023, EPI\_ISL\_753024, EPI\_ISL\_753025, EPI\_ISL\_753036, EPI\_ISL\_753037, EPI\_ISL\_753037, EPI\_ISL\_753037, EPI\_ISL\_753037, EPI\_ISL\_753038, EPI\_ISL\_753038 EPI\_ISL\_753039, EPI\_ISL\_753043, EPI\_ISL\_753044, EPI\_ISL\_753044, EPI\_ISL\_753044, EPI\_ISL\_753045, EPI\_ISL\_753055, EPI\_ISL\_753050, EPI\_ISL\_753054, EPI\_ISL\_753055, EPI\_ISL\_753056, EPI\_ISL\_753056 EPI ISL 753057, EPI ISL 753058, EPI ISL 753059, EPI ISL 753069, EPI ISL 753069 EPI ISL 753075, EPI ISL 753076, EPI ISL 753076, EPI ISL 753077, EPI ISL 753077, EPI ISL 753080, EPI ISL 753080, EPI ISL 753081, EPI ISL 753082, EPI ISL 753083, EPI ISL 753083, EPI ISL 753087, EPI ISL 753089, EPI ISL 753089 EPI ISL 753093, EPI ISL 753094, EPI ISL 753094, EPI ISL 753096, EPI ISL 753096, EPI ISL 753096, EPI ISL 753107, EPI ISL 753109, EPI ISL 753109 EPI ISL 753111, EPI ISL 753112, EPI ISL 753112, EPI ISL 753113, EPI ISL 753114, EPI ISL 753114, EPI ISL 753126, EPI ISL 753127, EPI ISL 753127, EPI ISL 753127, EPI ISL 753128, EPI ISL 753128, EPI ISL 753129, EPI ISL 753129 EPI ISL 753139, EPI ISL 753130, EPI ISL 753130, EPI ISL 753131, EPI ISL 753131, EPI ISL 753131, EPI ISL 753144, EPI ISL 753145, EPI ISL 753145, EPI ISL 753146, EPI ISL 753146 EPI\_ISL\_753129, EPI\_ISL\_753130, EPI\_ISL\_753130, EPI\_ISL\_753130, EPI\_ISL\_753130, EPI\_ISL\_753130, EPI\_ISL\_753130, EPI\_ISL\_753130, EPI\_ISL\_753130, EPI\_ISL\_753140, EPI\_ISL\_753140, EPI\_ISL\_753140, EPI\_ISL\_753160, EPI\_ISL\_753160 EPI ISL 753201, EPI ISL 753201, EPI ISL 753202, EPI ISL 753202, EPI ISL 753203, EPI ISL 753203, EPI ISL 753204, EPI ISL 753205, EPI ISL 753206, EPI ISL 753206, EPI ISL 753207, EPI ISL 753216, EPI ISL 753217, EPI ISL 753218, EPI ISL 753218, EPI ISL 753208, EPI ISL 753207, EPI ISL 753218, EPI ISL 753218, EPI ISL 753218, EPI ISL 753218, EPI ISL 753208, EPI ISL 753208, EPI ISL 753218, EPI ISL 753218 EPI ISL 753219, EPI ISL 753220, EPI ISL 753220, EPI ISL 753222, EPI ISL 753222, EPI ISL 753223, EPI ISL 753223, EPI ISL 753223, EPI ISL 753223, EPI ISL 753233, EPI ISL 753234, EPI ISL 753234, EPI ISL 753234, EPI ISL 753235, EPI ISL 753236, EPI ISL 753236, EPI ISL 753237, EPI ISL 753237, EPI ISL 753237, EPI ISL 753237, EPI ISL 753238, EPI ISL 753238, EPI ISL 753239, EPI ISL 753239 EPI\_ISL\_753237, EPI\_ISL\_753238, EPI\_ISL\_753238, EPI\_ISL\_753239, EPI\_ISL\_753240, EPI\_ISL\_753240, EPI\_ISL\_753241, EPI\_ISL\_753241, EPI\_ISL\_753243, EPI\_ISL\_753244, EPI\_ISL\_753244, EPI\_ISL\_753244, EPI\_ISL\_753245, EPI\_ISL\_753245, EPI\_ISL\_753246, EPI\_ISL\_753246, EPI\_ISL\_753246, EPI\_ISL\_753246, EPI\_ISL\_753246, EPI\_ISL\_753247, EPI\_ISL\_753249, EPI\_ISL\_753249 EPI ISL 753255, EPI ISL 753256, EPI ISL 753257, EPI ISL 753258, EPI ISL 753259, EPI ISL 753259, EPI ISL 753260, EPI ISL 753261, EPI ISL 756275, EPI ISL 756276, EPI ISL 756277, EPI ISL 756279, EPI ISL 756279, EPI ISL 756280, EPI ISL 756280 State Laboratories Division, Hawaii State Department of State Laboratories Division, Hawaii State Department of Pamela O'Brien, Sabrina Diemert, Drew Kuwazaki, Razyan Sultana, Edward Desmond see ahove

EPI_ISL_832727	OHSU Lab Services Molecular Microbiology Lab	Oregon SARS-CoV-2 Genome Sequencing Center	
EPI_ISL_850592	Helix/Illumina	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	
EPI_ISL_876688	Helix/Illumina	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	
EPI_ISL_884677	Respiratory Viruses Branch, Centers for Disease Control and Prevention	Respiratory Viruses Branch, Centers for Disease Control and Prevention	C
EPI_ISL_886385	Labcorp	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	1

Health

EPI ISL 903574, EPI ISL 903583 HI Dept. of Health, State Laboratories Division Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention

EPI ISL 966634, EPI ISL 966746. Helix/Illumina Respiratory Viruses Branch, Division of Viral Diseases. EPI ISL 966998, EPI ISL 967148, Centers for Disease Control and Prevention EPI ISL 967246, EPI ISL 967303

Brendan L. O'Connell, Ruth V. Nichols, Sally Grindstaff, Alec J. Hirsch, Donna Hansel, Guang Fan, Daniel N. Streblow, William B. Messer, Andrew C. Adey, Benjamin N. Bimber, Brian J. O'Roak

Peter W. Cook, Dhwani Batra, Ben L. Rambo-Martin Eileen de Feo, Jan Antico, Christine Tran, Matthew Tolentino, Shannon Wickline, Kim Gietzen, Brad Sickler, Jingtao Liu, Eric Allen, Phil Febbo, Summer Galloway, Nicole L. Washington, Simon White, Geraint Levan, Kelly Schiabor Barrett, Elizabeth Cirulli, Alexandre Bolze, Ary Ascencio, Charlotte Rivera-Garcia, Ryan Cho, Jason Nguyen, Sherry Wang, Jimmy Ramirez, Tyler Cassens, Efren Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suxiang Tong, Duncan MacCannell

Peter W. Cook, Dhwani Batra, Ben L. Rambo-Martin, Eileen de Feo, Jan Antico, Christine Tran, Matthew Tolentino, Shannon Wickline, Kim Gietzen, Brad Sickler, Jingtao Liu, Eric Allen, Phil Febbo, Summer Galloway, Nicole L. Washington, Simon White, Geraint Levan, Kelly Schiabor Barrett, Elizabeth Cirulli, Alexandre Bolze, Ary Ascencio, Charlotte Rivera-Garcia, Ryan Cho, Jason Nguyen, Sherry Wang, Jimmy Ramirez, Tyler Cassens, Efren Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suxiang Tong, Duncan MacCannell,

Cook, P.W., Batra, D., Rambo-Martin, B.L., de Feo, E., Antico, J., Tran, C., Tolentino, M., Wickline, S., Gietzen, K., Sickler, B., Liu, J., Allen, E., Febbo, P., Galloway, S., Washington, N.L., White, S., Levan, G., Barret, K.S., Cirulli, E., Bolze, A., Ascencio, A., Rivera-Garcia, C., Cho, R., Nguyen, J., Wang, S., Ramirez, J., Cassens.T., Sandoval.E., Isaksson.M., Lee.W., Becker.D., Laurent.M., Lu.J., Paden.C.R., Tong.S., MacCannell.D.

Peter W. Cook, Dhwani Batra, Ben L. Rambo-Martin, Summer Galloway, Brian Krueger, Minoo Agarwal, Evad Almasri, Debbie Boles, Ayla Burns, Nuthawin Charoensri, Oren Cohen, Susan Countryman, Mary Ann Cristobal, Bobbi Croy, Suzanne Dale, Hrushikesh Deshmukh, Amanda Douglas, Vincent Drouillon.Marcia Eisenberg, Howard Engler, Rama Ghatti, Prashant Gupta, Susan Hicks, Jake Humphrey, Lax Iyer, Manoj Jain, Mohan Kolli, Tim Kuphal, Stanley Letovsky, Michael Levandoski, Craig Lukasik, Jonathan Meltzer, Brian Norvell, Mindy Nye, Scott Parker, Christos Petropoulos, John Pruitt, Steven Ragan, Scott Ryan, Mike Sapeta, Jana Schroth, Suresh Babu Selvaraju, Goran Stevovic, Amanda Suchanek, Andrea Throop, Lyndon Tilson, Thomas Urban, Joe Voshell, Kimberly Wagner, Jonathan Williams, Mary Williamson, Qian Zeng, Tricia Zwiefelhofer, Clinton R. Paden, Suxiang Tong, Duncan MacCannell,

Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong

Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, Eileen de Feo, Jan Antico, Christine Tran, Matthew Tolentino, Shannon Wickline, Kim Gietzen, Brad Sickler, Jingtao Liu, Eric Allen, Phil Febbo, Summer Galloway, Nicole L., Washington, Simon White, Geraint Levan, Kelly Schiabor Barrett, Elizabeth Cirulli, Alexandre Bolze, Ary Ascencio, Charlotte Rivera-Garcia, Ryan Cho, Jason Nguyen, Sherry Wang, Jimmy Ramirez, Tyler Cassens, Efren Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suxiang Tong, Duncan MacCannell,

EPI\_ISL\_967523, EPI\_ISL\_967525, EPI\_ISL\_967526, EPI\_ISL\_967526, EPI\_ISL\_967527, EPI\_ISL\_967527, EPI\_ISL\_967528, EPI\_ISL\_967530, EPI\_ISL\_967532, EPI\_ISL\_967533, EPI\_ISL\_967533, EPI\_ISL\_967534, EPI\_ISL\_967534, EPI\_ISL\_967534, EPI\_ISL\_967544, EPI\_ISL\_967546, EPI\_ISL\_967546, EPI\_ISL\_967549, EPI\_ISL\_967554, EPI\_ISL\_967554, EPI\_ISL\_967555, EPI\_ISL\_967555, EPI\_ISL\_967555, EPI\_ISL\_967557, EPI\_ISL\_967559, EPI\_ISL\_967560, EPI\_ISL\_967561, EPI\_ISL\_967561 EPI ISL 967564, EPI ISL 967565, EPI ISL 967565, EPI ISL 967570, EPI ISL 967577, EPI ISL 967577, EPI ISL 967577, EPI ISL 967578, EPI ISL 967578, EPI ISL 967580, EPI ISL 967581, EPI ISL 967582, EPI ISL 967584, EPI ISL 967585, EPI ISL 967585, EPI ISL 967585, EPI ISL 967577, EPI ISL 967585, EPI ISL 967577, EPI ISL 967585, EPI ISL 967585 EPI ISL 967598, EPI ISL 967599, EPI ISL 967601, EPI ISL 967601 EPI ISL 967606, EPI ISL 967607, EPI ISL 967607, EPI ISL 967607, EPI ISL 967611, EPI ISL 967611, EPI ISL 967612, EPI ISL 967613, EPI ISL 967613, EPI ISL 967614, EPI ISL 967614, EPI ISL 967615, EPI ISL 967615, EPI ISL 967615, EPI ISL 967617, EPI ISL 967617 EPI\_ISL\_967626, EPI\_ISL\_967627, EPI\_ISL\_967637, EPI\_ISL\_967637, EPI\_ISL\_967637, EPI\_ISL\_967637, EPI\_ISL\_967638, EPI\_ISL\_967638, EPI\_ISL\_967639, EPI\_ISL\_967639 EPI\_ISL\_967646, EPI\_ISL\_967646, EPI\_ISL\_967664, EPI\_ISL\_967664, EPI\_ISL\_967665, EPI\_ISL\_967665, EPI\_ISL\_967665, EPI\_ISL\_967665, EPI\_ISL\_967666, EPI\_ISL\_967665, EPI\_ISL\_967665, EPI\_ISL\_967666, EPI\_ISL\_967666, EPI\_ISL\_967666, EPI\_ISL\_967666, EPI\_ISL\_967666, EPI\_ISL\_967667, EPI\_ISL\_967667 EPI\_ISL\_967673, EPI\_ISL\_967674, EPI\_ISL\_967676, EPI\_ISL\_967676, EPI\_ISL\_967680, EPI\_ISL\_967680, EPI\_ISL\_967683, EPI\_ISL\_967683, EPI\_ISL\_967684, EPI\_ISL\_967685, EPI\_ISL\_967685 EPI ISL 967696, EPI ISL 967696, EPI ISL 967701, EPI ISL 967701 EPI ISL 967718, EPI ISL 967720, EPI ISL 967720, EPI ISL 967721, EPI ISL 967733, EPI ISL 967734, EPI ISL 967734, EPI ISL 967737, EPI ISL 967735, EPI ISL 967737, EPI ISL 967737, EPI ISL 967737, EPI ISL 967738, EPI ISL 967737, EPI ISL 967737, EPI ISL 967737, EPI ISL 967738, EPI ISL 967738 EPI ISL 967749, EPI ISL 967749, EPI ISL 967744, EPI ISL 967744, EPI ISL 967745, EPI ISL 967745, EPI ISL 967755, EPI ISL 967756, EPI ISL 967756, EPI ISL 967757, EPI ISL 967757, EPI ISL 967749, EPI ISL 967757, EPI ISL 967757 EPI\_ISL\_967769, EPI\_ISL\_967760, EPI\_ISL\_967762, EPI\_ISL\_967763, EPI\_ISL\_967764, EPI\_ISL\_967765, EPI\_ISL\_967766, EPI\_ISL\_967768, EPI\_ISL\_967769, EPI\_ISL\_967769

Health

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,