

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

All Submitters of data may be contacted directly via www.gisaid.org

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Accession ID	Originating Laboratory	Submitting Laboratory	Authors
EPI_ISL_794635, EPI_ISL_794636, EPI_ISL_794637, EPI_ISL_794638, EPI_ISL_794639, EPI_ISL_794640	USC Clinical Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_794641, EPI_ISL_794642, EPI_ISL_794643, EPI_ISL_794644, EPI_ISL_794645, EPI_ISL_794646, EPI_ISL_794647, EPI_ISL_794648	UCLA Clinical Micro Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_794669	USC Clinical Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_794670	UCLA Clinical Micro Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_801522, EPI_ISL_801523, EPI_ISL_801524, EPI_ISL_801525, EPI_ISL_801526, EPI_ISL_801527, EPI_ISL_801528, EPI_ISL_801529, EPI_ISL_801530, EPI_ISL_801531, EPI_ISL_801532, EPI_ISL_801533, EPI_ISL_801534, EPI_ISL_801535, EPI_ISL_801536			
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EPI_ISL_801861, EPI_ISL_801862, EPI_ISL_801863, EPI_ISL_801864, EPI_ISL_801865, EPI_ISL_801866, EPI_ISL_801867, EPI_ISL_801868, EPI_ISL_801869, EPI_ISL_801870, EPI_ISL_801871, EPI_ISL_801872, EPI_ISL_801873, EPI_ISL_801874, EPI_ISL_801875, EPI_ISL_801876, EPI_ISL_801877, EPI_ISL_801878, EPI_ISL_801879, EPI_ISL_801880, EPI_ISL_801881, EPI_ISL_801882, EPI_ISL_801883, EPI_ISL_801884, EPI_ISL_801885, EPI_ISL_801886, EPI_ISL_801887, EPI_ISL_801888, EPI_ISL_801889, EPI_ISL_801890, EPI_ISL_801891, EPI_ISL_801892, EPI_ISL_801893, EPI_ISL_801894, EPI_ISL_801895, EPI_ISL_801896, EPI_ISL_801897, EPI_ISL_801898, EPI_ISL_801899, EPI_ISL_801900, EPI_ISL_801901, EPI_ISL_801902, EPI_ISL_801903, EPI_ISL_801904, EPI_ISL_801905, EPI_ISL_801906, EPI_ISL_801907, EPI_ISL_801908, EPI_ISL_801909, EPI_ISL_801910, EPI_ISL_801911, EPI_ISL_801912, EPI_ISL_801913, EPI_ISL_801914, EPI_ISL_801915, EPI_ISL_801916, EPI_ISL_801917, EPI_ISL_801918, EPI_ISL_801919, EPI_ISL_801920, EPI_ISL_801921, EPI_ISL_801922, 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EPI_ISL_802429	Wadsworth Center, New York State Department.of Health	Wadsworth Center, New York State Department.of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
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EPI_ISL_802431	Wadsworth Center, New York State Department.of Health	Wadsworth Center, New York State Department.of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_802432	SARATOGA HOSPITAL LABORATORY	Wadsworth Center, New York State Department.of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_802433	Wadsworth Center, New York State Department.of Health	Wadsworth Center, New York State Department.of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_802434, EPI_ISL_802435	WESTCHESTER MEDICAL CENTER	Wadsworth Center, New York State Department.of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_802436	TEMPUS LABS INC	Wadsworth Center, New York State Department.of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Sara Griesemer,

EPI_ISL_802437	SARATOGA HOSPITAL LABORATORY	Wadsworth Center, New York State Department.of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Pitnick, Navjot Singh, John Kelly, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
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EPI_ISL_802440, EPI_ISL_802441	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 Pitnick, Navjot Singh, John Kelly, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_802442	Wadsworth Center, New York State Department.of Health	Wadsworth Center, New York State Department.of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Pitnick, Navjot Singh, John Kelly, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_802443	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 Pitnick, Navjot Singh, John Kelly, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_802444	SUNRISE MEDICAL LABORATORIES	Wadsworth Center, New York State Department.of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Pitnick, Navjot Singh, John Kelly, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_802445, EPI_ISL_802446, EPI_ISL_802447	BIO-REFERENCE LABORATORIES	Wadsworth Center, New York State Department.of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Pitnick, Navjot Singh, John Kelly, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_802448	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 Pitnick, Navjot Singh, John Kelly, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_802449, EPI_ISL_802450, EPI_ISL_802451, EPI_ISL_802452, EPI_ISL_802453, EPI_ISL_802454, EPI_ISL_802455, EPI_ISL_802456, EPI_ISL_802457, EPI_ISL_802458, EPI_ISL_802459, EPI_ISL_802460, EPI_ISL_802461, EPI_ISL_802462, EPI_ISL_802463, EPI_ISL_802464, EPI_ISL_802465, EPI_ISL_802466			
see above	Wadsworth Center, New York State Department.of Health	Wadsworth Center, New York State Department.of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Pitnick, Navjot Singh, John Kelly, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_802467, EPI_ISL_802468	SARATOGA HOSPITAL LABORATORY	Wadsworth Center, New York State Department.of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Pitnick, Navjot Singh, John Kelly, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_802469, EPI_ISL_802470, EPI_ISL_802471, EPI_ISL_802472, EPI_ISL_802473, EPI_ISL_802474, EPI_ISL_802475, EPI_ISL_802476, EPI_ISL_802477, EPI_ISL_802478, EPI_ISL_802479, EPI_ISL_802480, EPI_ISL_802481, EPI_ISL_802482, EPI_ISL_802483, EPI_ISL_802484, EPI_ISL_802485, EPI_ISL_802486, EPI_ISL_802487, EPI_ISL_802488, EPI_ISL_802489, EPI_ISL_802490			
see above	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 Pitnick, Navjot Singh, John Kelly, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_802491, EPI_ISL_802492, EPI_ISL_802493, EPI_ISL_802494, EPI_ISL_802495, EPI_ISL_802496, EPI_ISL_802497	SARATOGA HOSPITAL LABORATORY	Wadsworth Center, New York State Department.of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Pitnick, Navjot Singh, John Kelly, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_802498, EPI_ISL_802499, EPI_ISL_802500	Wadsworth Center, New York State Department.of Health	Wadsworth Center, New York State Department.of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Pitnick, Navjot Singh, John Kelly, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_802501	Ohio Department of Health Laboratory	Ohio Department of Health Laboratory	Holmes, Jennifer; Eric Brandt, Keoni Omura, Glen McGillivray, Caitlin McDonnell, Kirtana Ramadugu, Erica Leasure, Kelsey Florek, Heather Blankenship, Quanta Brown, and Tammy Bannerman
EPI_ISL_802502, EPI_ISL_802503, EPI_ISL_802504, EPI_ISL_802505	Connecticut Department of Health	Grubaugh Lab - Yale School of Public Health	Tara Alpert, Joseph Fauver, Anderson Brito, Mallory Breban, Anne Wyllie, Chantal Vogels, Mary Petrone, Chaney Kalinich, Isabel Ott, Nathan Grubaugh
EPI_ISL_802567, EPI_ISL_802568, EPI_ISL_802569, EPI_ISL_802570, EPI_ISL_802571	Essentia Health-St. Mary's Medical Center	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_802572	UMN Advanced Research and Diagnostics	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_802573	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_802574, EPI_ISL_802575, EPI_ISL_802576, EPI_ISL_802577, EPI_ISL_802578, EPI_ISL_802579, EPI_ISL_802580, EPI_ISL_802581, EPI_ISL_802582, EPI_ISL_802583, EPI_ISL_802584, EPI_ISL_802585, EPI_ISL_802586, EPI_ISL_802587, EPI_ISL_802588, EPI_ISL_802589, EPI_ISL_802590, EPI_ISL_802591, EPI_ISL_802592, EPI_ISL_802593, EPI_ISL_802594, EPI_ISL_802595, EPI_ISL_802596, EPI_ISL_802597, EPI_ISL_802598			
see above	Vault Health	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_802599, EPI_ISL_802600, EPI_ISL_802601, EPI_ISL_802602, EPI_ISL_802603, EPI_ISL_802604, EPI_ISL_802605, EPI_ISL_802606, EPI_ISL_802607, EPI_ISL_802608, EPI_ISL_802609, EPI_ISL_802610, EPI_ISL_802611, EPI_ISL_802612, EPI_ISL_802613, EPI_ISL_802614, EPI_ISL_802615, EPI_ISL_802616, EPI_ISL_802617, EPI_ISL_802618, EPI_ISL_802619, EPI_ISL_802620, EPI_ISL_802621, EPI_ISL_802622, EPI_ISL_802623, EPI_ISL_802624, EPI_ISL_802625, EPI_ISL_802626, EPI_ISL_802627, EPI_ISL_802628, EPI_ISL_802629, EPI_ISL_802630, EPI_ISL_802631, EPI_ISL_802632, EPI_ISL_802633, EPI_ISL_802634, EPI_ISL_802635, EPI_ISL_802636, EPI_ISL_802637, EPI_ISL_802638, EPI_ISL_802639, EPI_ISL_802640, EPI_ISL_802641, EPI_ISL_802642, EPI_ISL_802643, EPI_ISL_802644, EPI_ISL_802645, EPI_ISL_802646, EPI_ISL_802647, EPI_ISL_802648, EPI_ISL_802649, EPI_ISL_802650, EPI_ISL_802651, EPI_ISL_802652, EPI_ISL_802653, EPI_ISL_802654, EPI_ISL_802655, EPI_ISL_802656, EPI_ISL_802657, EPI_ISL_802658, EPI_ISL_802659, EPI_ISL_802660, EPI_ISL_802661, EPI_ISL_802662, EPI_ISL_802663, EPI_ISL_802664, EPI_ISL_802665, EPI_ISL_802666, EPI_ISL_802667, EPI_ISL_802668, EPI_ISL_802669, EPI_ISL_802670, EPI_ISL_802671, EPI_ISL_802672, EPI_ISL_802673, EPI_ISL_802674, EPI_ISL_802675, EPI_ISL_802676, EPI_ISL_802677, EPI_ISL_802678, EPI_ISL_802679, EPI_ISL_802680, EPI_ISL_802681, EPI_ISL_802682, EPI_ISL_802683, EPI_ISL_802684, EPI_ISL_802685, EPI_ISL_802686, EPI_ISL_802687, EPI_ISL_802688, EPI_ISL_802689, EPI_ISL_802690, EPI_ISL_802691, EPI_ISL_802692, EPI_ISL_802693, EPI_ISL_802694, EPI_ISL_802695, EPI_ISL_802696, EPI_ISL_802697, EPI_ISL_802698, EPI_ISL_802699, EPI_ISL_802700, EPI_ISL_802701, EPI_ISL_802702, EPI_ISL_802703, EPI_ISL_802704, EPI_ISL_802705, EPI_ISL_802706, EPI_ISL_802707, EPI_ISL_802708, EPI_ISL_802709, EPI_ISL_802710, EPI_ISL_802711, EPI_ISL_802712, EPI_ISL_802713, EPI_ISL_802714, EPI_ISL_802715, EPI_ISL_802716, EPI_ISL_802717, EPI_ISL_802718, EPI_ISL_802719, EPI_ISL_802720, EPI_ISL_802721, EPI_ISL_802722, EPI_ISL_802723			
see above	Helix/Illumina	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dhvani Batra, Ben L. Rambo-Martin Eileen de Feo, Jan Antico, Christine Tran, Matthew Tolentino, Shannon Wickline, Kim Gietzen, Brad Sickler, Jingtao Liu, Eric Allen, Phil Febbo, Summer Galloway, Nicole L. Washington, Simon White, Geraint Levan, Kelly Schiabor Barrett, Elizabeth Cirulli, Alexandre Bolze, Ary Ascencio, Charlotte Rivera-Garcia, Ryan Cho, Jason Nguyen, Sherry Wang, Jimmy Ramirez, Tyler Cassens, Eflen Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_802724, EPI_ISL_802725	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton
EPI_ISL_802777, EPI_ISL_802778, EPI_ISL_802779, EPI_ISL_802780, EPI_ISL_802781, EPI_ISL_802782, EPI_ISL_802783, EPI_ISL_802784, EPI_ISL_802785, EPI_ISL_802786, EPI_ISL_802787, EPI_ISL_802788, EPI_ISL_802789			
see above	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 Pitnick, Navjot Singh, John Kelly, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_802790, EPI_ISL_802791, EPI_ISL_802792, EPI_ISL_802793	BIO-REFERENCE LABORATORIES	Wadsworth Center, New York State Department.of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Pitnick, Navjot Singh, John Kelly, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_802864, EPI_ISL_802865, EPI_ISL_802866, EPI_ISL_802867, EPI_ISL_802868, EPI_ISL_802869, EPI_ISL_802870, EPI_ISL_802871, EPI_ISL_802872, EPI_ISL_802873, EPI_ISL_802874, EPI_ISL_802875, EPI_ISL_802876, EPI_ISL_802877, EPI_ISL_802878, EPI_ISL_802879, EPI_ISL_802880, EPI_ISL_802881, EPI_ISL_802882, EPI_ISL_802883, EPI_ISL_802884, EPI_ISL_802885, EPI_ISL_802886, EPI_ISL_802887, EPI_ISL_802888, EPI_ISL_802889, EPI_ISL_802890, EPI_ISL_802891, EPI_ISL_802892, EPI_ISL_802893, EPI_ISL_802894, EPI_ISL_802895, EPI_ISL_802896, EPI_ISL_802897, EPI_ISL_802898, EPI_ISL_802899, EPI_ISL_802900, EPI_ISL_802901, EPI_ISL_802902, EPI_ISL_802903, EPI_ISL_802904, EPI_ISL_802905, EPI_ISL_802906, EPI_ISL_802907, EPI_ISL_802908, EPI_ISL_802909, EPI_ISL_802910, EPI_ISL_802911, EPI_ISL_802912, EPI_ISL_802913, EPI_ISL_802914, EPI_ISL_802915, EPI_ISL_802916, EPI_ISL_802917, EPI_ISL_802918, EPI_ISL_802919, EPI_ISL_802920, EPI_ISL_802921, EPI_ISL_802922, EPI_ISL_802923, EPI_ISL_802924, EPI_ISL_802925, EPI_ISL_802926, EPI_ISL_802927, EPI_ISL_802928, EPI_ISL_802929, EPI_ISL_802930, EPI_ISL_802931, EPI_ISL_802932, EPI_ISL_802933, EPI_ISL_802934, EPI_ISL_802935, EPI_ISL_802936, EPI_ISL_802937, EPI_ISL_802938, EPI_ISL_802939, EPI_ISL_802940, EPI_ISL_802941, EPI_ISL_802942, EPI_ISL_802943, EPI_ISL_802944, EPI_ISL_802945, EPI_ISL_802946, EPI_ISL_802947, EPI_ISL_802948, EPI_ISL_802949, EPI_ISL_802950, EPI_ISL_802951, EPI_ISL_802952, EPI_ISL_802953, EPI_ISL_802954, EPI_ISL_802955, EPI_ISL_802956, EPI_ISL_802957, EPI_ISL_802958, EPI_ISL_802959, EPI_ISL_802960, EPI_ISL_802961, EPI_ISL_802962, EPI_ISL_802963, EPI_ISL_802964, EPI_ISL_802965, EPI_ISL_802966, EPI_ISL_802967, EPI_ISL_802968, EPI_ISL_802969, EPI_ISL_802970, EPI_ISL_802971, EPI_ISL_802972, EPI_ISL_802973, EPI_ISL_802974, EPI_ISL_802975, EPI_ISL_802976, EPI_ISL_802977, EPI_ISL_802978, EPI_ISL_802979, EPI_ISL_802980, EPI_ISL_802981, EPI_ISL_802982, EPI_ISL_802983, EPI_ISL_802984, EPI_ISL_802985, EPI_ISL_802986, EPI_ISL_802987, EPI_ISL_802988, EPI_ISL_802989, EPI_ISL_802990, EPI_ISL_802991, EPI_ISL_802992, EPI_ISL_802993			
see above	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin Young, Kelly Oakeson, Tara Gallagher

see above	Quest Diagnostics	Quest Diagnostics	Rosenthal,S.H., Gerasimova,A., Kagan,R.M., Anderson, B., Livingston, K.E., Hua, M., Liu Y., Shalhout, D.F., Owen, R., Lacbawan, F.
EPI_ISL_803099, EPI_ISL_803100, EPI_ISL_803101, EPI_ISL_803102, EPI_ISL_803103, EPI_ISL_803104, EPI_ISL_803105, EPI_ISL_803106	Respiratory Viruses Branch, Centers for Disease Control and Prevention	Respiratory Viruses Branch, Centers for Disease Control and Prevention	Queen,K., Li,Y., Tao,Y., Uehara,A., Montmayeur,A., Paden,C.R., Cook,P.W., Marine,R., Sheth,M., Wang,H., Lee,J., Tong,S.

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_804019, EPI_ISL_804020, EPI_ISL_804021, EPI_ISL_804022, EPI_ISL_804023, EPI_ISL_804024, EPI_ISL_804025, EPI_ISL_804026, EPI_ISL_804027, EPI_ISL_804028, EPI_ISL_804029, EPI_ISL_804030, EPI_ISL_804031, EPI_ISL_804032, EPI_ISL_804033, EPI_ISL_804034, EPI_ISL_804035, EPI_ISL_804036, EPI_ISL_804463, EPI_ISL_804464, EPI_ISL_804465, EPI_ISL_804592, EPI_ISL_804593, EPI_ISL_804594, EPI_ISL_804595, EPI_ISL_804596, EPI_ISL_804597, EPI_ISL_804598			

see above	Michigan Department of Health and Human Services, Bureau of Laboratories	Michigan Department of Health and Human Services, Bureau of Laboratories	Blankenship HM, Riner D, Soehnlen MK
EPI_ISL_804845, EPI_ISL_804846, EPI_ISL_804847, EPI_ISL_804848, EPI_ISL_804849, EPI_ISL_804850, EPI_ISL_804851, EPI_ISL_804852, EPI_ISL_804853, EPI_ISL_804854, EPI_ISL_804855, EPI_ISL_804856, EPI_ISL_804857, EPI_ISL_804858, EPI_ISL_804859, EPI_ISL_804860, EPI_ISL_804861, EPI_ISL_804862, EPI_ISL_804863, EPI_ISL_804864, EPI_ISL_804865, EPI_ISL_804866, EPI_ISL_804867, EPI_ISL_804868, EPI_ISL_804869, EPI_ISL_804870, EPI_ISL_804871, EPI_ISL_804872, EPI_ISL_804873, EPI_ISL_804874, EPI_ISL_804875, EPI_ISL_804876, EPI_ISL_804877, EPI_ISL_804878, EPI_ISL_804879, EPI_ISL_804880,			

see above	DC Public Health Lab/ Dept. of Forensic Sciences	DC Public Health Lab/ Dept. of Forensic Sciences	Scott Nguyen, Elizabeth Zelaya, Connie Maza, Monica Mann, Brittany Hamilton, David Payne, Jocelyn Hauser
EPI_ISL_804945	Wadsworth Center, New York State Department of Health	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shurtliff, Melissa A Leisner, Jonathan Pitnick, Navjot Singh, John Kelly, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_804946	REFERENCE LABORATORIES	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shurtliff, Melissa A Leisner, Jonathan Pitnick, Navjot Singh, John Kelly, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist

EPI_ISL_804947, EPI_ISL_804948	Wadsworth Center, New York State Department of Health	Wadsworth Center, New York State Department of Health	Erasmus Schneider, Erica Lasek-Nesselquist
	EPI_ISL_804980	Columbia University Irving Medical Center	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Pitnick, Navjot Singh, John Kelly, Sara Griesemer, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_804981, EPI_ISL_804982, EPI_ISL_804983, EPI_ISL_804984	BIO-REFERENCE LABORATORIES	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Pitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
	EPI_ISL_806543	Santa Clara County Public Health Laboratory	Santa Clara Co Public Health Department
EPI_ISL_806545	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Department
EPI_ISL_806807, EPI_ISL_806808	Gundersen Molecular Diagnostics Laboratory	Kabara Cancer Research Institute	Craig S. Richmond, Paraic A. Kenny
EPI_ISL_806809	Seattle Flu Study	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilicsin, 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_806810, EPI_ISL_806811, EPI_ISL_806812, EPI_ISL_806813, EPI_ISL_806814, EPI_ISL_806815, EPI_ISL_806816, EPI_ISL_806817, EPI_ISL_806818, EPI_ISL_806819, EPI_ISL_806820, EPI_ISL_806821, EPI_ISL_806822, EPI_ISL_806823, EPI_ISL_806824, EPI_ISL_806825, EPI_ISL_806826, EPI_ISL_806827, EPI_ISL_806828, EPI_ISL_806829, EPI_ISL_806830, EPI_ISL_806831, EPI_ISL_806832, EPI_ISL_806833, EPI_ISL_806834, EPI_ISL_806835, EPI_ISL_806836, EPI_ISL_806837, EPI_ISL_806838, EPI_ISL_806839, EPI_ISL_806840, EPI_ISL_806841, EPI_ISL_806842, EPI_ISL_806843, EPI_ISL_806844, EPI_ISL_806845, EPI_ISL_806846, EPI_ISL_806847, EPI_ISL_806848, EPI_ISL_806849, EPI_ISL_806850, EPI_ISL_806851, EPI_ISL_806852			
see above	Alaska State Virology Laboratory	Alaska State Virology Laboratory	Stephanie DeRonde, Lisa Smith, Ph.D., Devin M. Drown, Ph.D., Jack Chen, Ph.D.
EPI_ISL_806853, EPI_ISL_806854, EPI_ISL_806855, EPI_ISL_806856, EPI_ISL_806857, EPI_ISL_806858, EPI_ISL_806859, EPI_ISL_806860, EPI_ISL_806861, EPI_ISL_806862, EPI_ISL_806863, EPI_ISL_806864, EPI_ISL_806865, EPI_ISL_806866, EPI_ISL_806867, EPI_ISL_806868, EPI_ISL_806869, EPI_ISL_806870, EPI_ISL_806871, EPI_ISL_806872, EPI_ISL_806873, EPI_ISL_806874, EPI_ISL_806875, EPI_ISL_806876, EPI_ISL_806877, EPI_ISL_806878, EPI_ISL_806879, EPI_ISL_806880, EPI_ISL_806881, EPI_ISL_806882, EPI_ISL_806883, EPI_ISL_806884, EPI_ISL_806885, EPI_ISL_806886, EPI_ISL_806887, EPI_ISL_806888, EPI_ISL_806889, EPI_ISL_806890, EPI_ISL_806891, EPI_ISL_806892, EPI_ISL_806893, EPI_ISL_806894, EPI_ISL_806895, EPI_ISL_806896, EPI_ISL_806897, EPI_ISL_806898, EPI_ISL_806899, EPI_ISL_806900, EPI_ISL_806901, EPI_ISL_806902, EPI_ISL_806903, EPI_ISL_806904, EPI_ISL_806905, EPI_ISL_806906, EPI_ISL_806907, EPI_ISL_806908, EPI_ISL_806909, EPI_ISL_806910, EPI_ISL_806911, EPI_ISL_806912, EPI_ISL_806913, EPI_ISL_806914, EPI_ISL_806915, EPI_ISL_806916, EPI_ISL_806917, EPI_ISL_806918, EPI_ISL_806919, EPI_ISL_806920, EPI_ISL_806921, EPI_ISL_806922, EPI_ISL_806923, EPI_ISL_806924, EPI_ISL_806925, EPI_ISL_806926, EPI_ISL_806927, EPI_ISL_806928, EPI_ISL_806929, EPI_ISL_806930, EPI_ISL_806931, EPI_ISL_806932, EPI_ISL_806933, EPI_ISL_806934, EPI_ISL_806935, EPI_ISL_806936, EPI_ISL_806937, EPI_ISL_806938, EPI_ISL_806939, EPI_ISL_806940, EPI_ISL_806941, EPI_ISL_806942, EPI_ISL_806943, EPI_ISL_806944, EPI_ISL_806945, EPI_ISL_806946, EPI_ISL_806947, EPI_ISL_806948, EPI_ISL_806949, EPI_ISL_806950, EPI_ISL_806951, EPI_ISL_806952, EPI_ISL_806953, EPI_ISL_806954, EPI_ISL_806955, EPI_ISL_806956, EPI_ISL_806957, EPI_ISL_806958, EPI_ISL_806959, EPI_ISL_806960, EPI_ISL_806961, EPI_ISL_806962, EPI_ISL_806963, EPI_ISL_806964, EPI_ISL_806965, EPI_ISL_806966, EPI_ISL_806967, EPI_ISL_806968, EPI_ISL_806969, EPI_ISL_806970, EPI_ISL_806971, EPI_ISL_806972, EPI_ISL_806973, EPI_ISL_806974, EPI_ISL_806975, EPI_ISL_806976, EPI_ISL_806977, EPI_ISL_806978, EPI_ISL_806979, EPI_ISL_806980, EPI_ISL_806981, EPI_ISL_806982, EPI_ISL_806983, EPI_ISL_806984, EPI_ISL_806985, EPI_ISL_806986, EPI_ISL_806987, EPI_ISL_806988, EPI_ISL_806989, EPI_ISL_806990, EPI_ISL_806991, EPI_ISL_806992, EPI_ISL_806993, EPI_ISL_806994, EPI_ISL_806995, EPI_ISL_806996, EPI_ISL_806997, EPI_ISL_806998, EPI_ISL_806999, EPI_ISL_807000, EPI_ISL_807001, EPI_ISL_807002, EPI_ISL_807003, EPI_ISL_807004, EPI_ISL_807005, EPI_ISL_807006, EPI_ISL_807007, EPI_ISL_807008, EPI_ISL_807009, EPI_ISL_807010, EPI_ISL_807011, EPI_ISL_807012, EPI_ISL_807013, EPI_ISL_807014, EPI_ISL_807015, EPI_ISL_807016, EPI_ISL_807017, EPI_ISL_807018, EPI_ISL_807019, EPI_ISL_807020, EPI_ISL_807021, EPI_ISL_807022, EPI_ISL_807023, EPI_ISL_807024, EPI_ISL_807025, EPI_ISL_807026, EPI_ISL_807027, EPI_ISL_807028, EPI_ISL_807029, EPI_ISL_807030, EPI_ISL_807031, EPI_ISL_807032, EPI_ISL_807033, EPI_ISL_807034, EPI_ISL_807035, EPI_ISL_807036, EPI_ISL_807037, EPI_ISL_807038, EPI_ISL_807039, EPI_ISL_807040, EPI_ISL_807041, EPI_ISL_807042, EPI_ISL_807043, EPI_ISL_807044, EPI_ISL_807045, EPI_ISL_807046, EPI_ISL_807047, EPI_ISL_807048, EPI_ISL_807049, EPI_ISL_807050, EPI_ISL_807051, EPI_ISL_807052, EPI_ISL_807053, EPI_ISL_807054, EPI_ISL_807055, EPI_ISL_807056, EPI_ISL_807057, EPI_ISL_807058, EPI_ISL_807059, EPI_ISL_807060, EPI_ISL_807061, EPI_ISL_807062, EPI_ISL_807063, EPI_ISL_807064, EPI_ISL_807065, EPI_ISL_807066, EPI_ISL_807067, EPI_ISL_807068, EPI_ISL_807069, EPI_ISL_807070, EPI_ISL_807071, EPI_ISL_807072, EPI_ISL_807073, EPI_ISL_807074, EPI_ISL_807075, EPI_ISL_807076, EPI_ISL_807077, EPI_ISL_807078, EPI_ISL_807079, EPI_ISL_807080, EPI_ISL_807081, EPI_ISL_807082, EPI_ISL_807083, EPI_ISL_807084, EPI_ISL_807085, EPI_ISL_807086, EPI_ISL_807087, EPI_ISL_807089, EPI_ISL_807090, EPI_ISL_807091, EPI_ISL_807092, EPI_ISL_807093, EPI_ISL_807094, EPI_ISL_807095, EPI_ISL_807096, EPI_ISL_807097, EPI_ISL_807098, EPI_ISL_807099, EPI_ISL_807100, EPI_ISL_807101, EPI_ISL_807102, EPI_ISL_807103, EPI_ISL_807104, EPI_ISL_807105, EPI_ISL_807106, EPI_ISL_807107, EPI_ISL_807108, EPI_ISL_807109, EPI_ISL_807110, EPI_ISL_807111, EPI_ISL_807112, EPI_ISL_807113, EPI_ISL_807114, EPI_ISL_807115, EPI_ISL_807116, EPI_ISL_807117, EPI_ISL_807118, EPI_ISL_807119, EPI_ISL_807120, EPI_ISL_807121, EPI_ISL_807122, EPI_ISL_807123, EPI_ISL_807124, EPI_ISL_807125, EPI_ISL_807126, EPI_ISL_807127, EPI_ISL_807128, EPI_ISL_807129, EPI_ISL_807130, EPI_ISL_807131, EPI_ISL_807132, EPI_ISL_807133, EPI_ISL_807134, EPI_ISL_807135, EPI_ISL_807136, EPI_ISL_807137, EPI_ISL_807138, EPI_ISL_807139, EPI_ISL_807140, EPI_ISL_807141, EPI_ISL_807142, EPI_ISL_807143, EPI_ISL_807144, EPI_ISL_807145, EPI_ISL_807146, EPI_ISL_807147			
see above	Washington State Department of Health	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilicsin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, 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_812114	Arizona State University	Arizona State University	LaRinda A. Holland, Peter T. Skidmore, Emily A. Kaelin, Nicholas J. Mellor, Kristina Buss, Joy M. Blain, Valerie Harris, Joshua LaBaer, Vel Murugan, Efreim S. Lim
EPI_ISL_812115, EPI_ISL_812116, EPI_ISL_812117, EPI_ISL_812118, EPI_ISL_812119, EPI_ISL_812120, EPI_ISL_812121, EPI_ISL_812123, EPI_ISL_812124, EPI_ISL_812125, EPI_ISL_812126, EPI_ISL_812127, EPI_ISL_812128, EPI_ISL_812129, EPI_ISL_812130			
see above	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Department
EPI_ISL_812131	GA Department of Public Health Laboratory	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Yan Li, Ying Tao, Anna Montmayeur, Jing Zhang, Brian Lynch, Krista Queen, Anna Uehara, Rachel Marine, Peter Cook, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_812132	TN Division of Laboratory Services	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Yan Li, Ying Tao, Anna Montmayeur, Jing Zhang, Brian Lynch, Krista Queen, Anna Uehara, Rachel Marine, Peter Cook, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_812133	GA Department of Public Health Laboratory	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Yan Li, Ying Tao, Anna Montmayeur, Jing Zhang, Brian Lynch, Krista Queen, Anna Uehara, Rachel Marine, Peter Cook, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_812134, EPI_ISL_812135	UT-Unified State Labs: Public Health Utah DOH	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Yan Li, Ying Tao, Anna Montmayeur, Jing Zhang, Brian Lynch, Krista Queen, Anna Uehara, Rachel Marine, Peter Cook, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_812136, EPI_ISL_812137	GA Department of Public Health Laboratory	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Yan Li, Ying Tao, Anna Montmayeur, Jing Zhang, Brian Lynch, Krista Queen, Anna Uehara, Rachel Marine, Peter Cook, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_812138	FL Bureau of Public Health Laboratories-Tampa	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Yan Li, Ying Tao, Anna Montmayeur, Jing Zhang, Brian Lynch, Krista Queen, Anna Uehara, Rachel Marine, Peter Cook, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_812139	TN Division of Laboratory Services	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Yan Li, Ying Tao, Anna Montmayeur, Jing Zhang, Brian Lynch, Krista Queen, Anna Uehara, Rachel Marine, Peter Cook, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_812140	GA Department of Public Health Laboratory	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Yan Li, Ying Tao, Anna Montmayeur, Jing Zhang, Brian Lynch, Krista Queen, Anna Uehara, Rachel Marine, Peter Cook, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_812141	CT-Dr. Katherine A. Kelley State Public Health Lab	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Yan Li, Ying Tao, Anna Montmayeur, Jing Zhang, Brian Lynch, Krista Queen, Anna Uehara, Rachel Marine, Peter Cook, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_812142	FL Bureau of Public Health Laboratories-Tampa	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Yan Li, Ying Tao, Anna Montmayeur, Jing Zhang, Brian Lynch, Krista Queen, Anna Uehara, Rachel Marine, Peter Cook, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_812143, EPI_ISL_812144, EPI_ISL_812145, EPI_ISL_812146, EPI_ISL_812147, EPI_ISL_812148, EPI_ISL_812149, EPI_ISL_812150, EPI_ISL_812151, EPI_ISL_812152, EPI_ISL_812153, EPI_ISL_812154, EPI_ISL_812155, EPI_ISL_812156, EPI_ISL_812157, EPI_ISL_812158, EPI_ISL_812159, EPI_ISL_812160, EPI_ISL_812161, EPI_ISL_812162, EPI_ISL_812163, EPI_ISL_812164, EPI_ISL_812165, EPI_ISL_812166, EPI_ISL_812167, EPI_ISL_812168, EPI_ISL_812169, EPI_ISL_812170, EPI_ISL_812171, EPI_ISL_812172, EPI_ISL_812173, EPI_ISL_812174, EPI_ISL_812175, EPI_ISL_812176, EPI_ISL_812177, EPI_ISL_812178, EPI_ISL_812179, EPI_ISL_812180, EPI_ISL_812181, EPI_ISL_812182, EPI_ISL_812183, EPI_ISL_812184, EPI_ISL_812185, EPI_ISL_812186, EPI_ISL_812187, EPI_ISL_812188, EPI_ISL_812189, EPI_ISL_812190, EPI_ISL_812191, EPI_ISL_812192, EPI_ISL_812193, EPI_ISL_812194, EPI_ISL_812195, EPI_ISL_812196, EPI_ISL_812197			
see above	GA Department of Public Health Laboratory	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Yan Li, Ying Tao, Anna Montmayeur, Jing Zhang, Brian Lynch, Krista Queen, Anna Uehara, Rachel Marine, Peter Cook, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_812198	MN PHL Division, Minnesota Department of Health	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Yan Li, Ying Tao, Anna Montmayeur, Jing Zhang, Brian Lynch, Krista Queen, Anna Uehara, Rachel Marine, Peter Cook, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_812199, EPI_ISL_812200	NM Dept. Health, Scientific Laboratory Division	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Yan Li, Ying Tao, Anna Montmayeur, Jing Zhang, Brian Lynch, Krista Queen, Anna Uehara, Rachel Marine, Peter Cook, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_812201	NYC Department of Health and Mental Hygiene	Pathogen Discovery, Respiratory Viruses Branch, Division of	Yan Li, Ying Tao, Anna Montmayeur, Jing Zhang, Brian Lynch, Krista Queen, Anna Uehara, Rachel Marine, Peter Cook, Clinton R. Paden, Haibin Wang,

EPI_ISL_812202, EPI_ISL_812203	RI State Health Laboratories	Viral Diseases, Respiratory Viruses Branch, Division of Pathogen Discovery, Centers for Disease Control and Prevention	Suxiang Tong Yan Li, Ying Tao, Anna Montmayeur, Jing Zhang, Brian Lynch, Krista Queen, Anna Uehara, Rachel Marine, Peter Cook, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_812204, EPI_ISL_812205, EPI_ISL_812206, EPI_ISL_812207, EPI_ISL_812208, EPI_ISL_812209, EPI_ISL_812210, EPI_ISL_812211, EPI_ISL_812212, EPI_ISL_812213, EPI_ISL_812214, EPI_ISL_812215, EPI_ISL_812216, EPI_ISL_812217, EPI_ISL_812218, EPI_ISL_812219, EPI_ISL_812220, EPI_ISL_812221, EPI_ISL_812222, EPI_ISL_812223, EPI_ISL_812224, EPI_ISL_812225, EPI_ISL_812226, EPI_ISL_812227, EPI_ISL_812228, EPI_ISL_812229, EPI_ISL_812230, EPI_ISL_812231	see above	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Suxiang Tong Yan Li, Ying Tao, Anna Montmayeur, Jing Zhang, Brian Lynch, Krista Queen, Anna Uehara, Rachel Marine, Peter Cook, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_812232	UT-Unified State Labs: Public Health Utah DOH	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Suxiang Tong Yan Li, Ying Tao, Anna Montmayeur, Jing Zhang, Brian Lynch, Krista Queen, Anna Uehara, Rachel Marine, Peter Cook, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_812233, EPI_ISL_812234, EPI_ISL_812235, EPI_ISL_812236, EPI_ISL_812237, EPI_ISL_812238, EPI_ISL_812239, EPI_ISL_812240, EPI_ISL_812241, EPI_ISL_812242, EPI_ISL_812243, EPI_ISL_812244, EPI_ISL_812245, EPI_ISL_812246, EPI_ISL_812247, EPI_ISL_812248	see above	North Dakota Department of Health, Public Health Laboratory	Lisa Wingerter
EPI_ISL_812286, EPI_ISL_812287, EPI_ISL_812288, EPI_ISL_812289, EPI_ISL_812290, EPI_ISL_812291, EPI_ISL_812292, EPI_ISL_812293, EPI_ISL_812294, EPI_ISL_812295, EPI_ISL_812296, EPI_ISL_812297, EPI_ISL_812298, EPI_ISL_812299, EPI_ISL_812300, EPI_ISL_812301, EPI_ISL_812302, EPI_ISL_812303, EPI_ISL_812304, EPI_ISL_812305, EPI_ISL_812306, EPI_ISL_812307	see above	Delaware Public Health Lab	Gregory Hovan
EPI_ISL_812308, EPI_ISL_812309, EPI_ISL_812310, EPI_ISL_812311, EPI_ISL_812312, EPI_ISL_812313, EPI_ISL_812314, EPI_ISL_812315, EPI_ISL_812316, EPI_ISL_812317, EPI_ISL_812318, EPI_ISL_812319, EPI_ISL_812320, EPI_ISL_812321, EPI_ISL_812322, EPI_ISL_812323, EPI_ISL_812324, EPI_ISL_812325, EPI_ISL_812326, EPI_ISL_812327, EPI_ISL_812328, EPI_ISL_812329, EPI_ISL_812330, EPI_ISL_812331, EPI_ISL_812332, EPI_ISL_812333, EPI_ISL_812334, EPI_ISL_812335, EPI_ISL_812336, EPI_ISL_812337, EPI_ISL_812338, EPI_ISL_812339, EPI_ISL_812340, EPI_ISL_812341, EPI_ISL_812342, EPI_ISL_812343, EPI_ISL_812344, EPI_ISL_812345	see above	United States Air Force School of Aerospace Medicine	Anthony Fries, Jennifer Meyer, Amanda Javorina, Sarah Purves, William Gruner, Clarise Starr, Elizabeth Macias
EPI_ISL_812346	Oklahoma Animal Disease Diagnostic Laboratory	Oklahoma Animal Disease Diagnostic Laboratory	Sai Narayanan, Girish Patil, Sunil More, Jeremiah Saliki, Akhilesh Ramachandran
EPI_ISL_812348	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_812349, EPI_ISL_812350, EPI_ISL_812351, EPI_ISL_812352, EPI_ISL_812353, EPI_ISL_812355	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Department
EPI_ISL_812360, EPI_ISL_812361, EPI_ISL_812362, EPI_ISL_812363, EPI_ISL_812364, EPI_ISL_812365, EPI_ISL_812366, EPI_ISL_812367, EPI_ISL_812368, EPI_ISL_812369, EPI_ISL_812370, EPI_ISL_812371, EPI_ISL_812372, EPI_ISL_812373, EPI_ISL_812374, EPI_ISL_812375, EPI_ISL_812376, EPI_ISL_812377, EPI_ISL_812378, EPI_ISL_812379, EPI_ISL_812380, EPI_ISL_812381, EPI_ISL_812382, EPI_ISL_812383, EPI_ISL_812384, EPI_ISL_812385, EPI_ISL_812386, EPI_ISL_812387, EPI_ISL_812388, EPI_ISL_812389, EPI_ISL_812390, EPI_ISL_812391, EPI_ISL_812392, EPI_ISL_812393, EPI_ISL_812394, EPI_ISL_812395, EPI_ISL_812396, EPI_ISL_812397, EPI_ISL_812398, EPI_ISL_812399, EPI_ISL_812400, EPI_ISL_812401, EPI_ISL_812402, EPI_ISL_812403, EPI_ISL_812404, EPI_ISL_812405, EPI_ISL_812406, EPI_ISL_812407, EPI_ISL_812408, EPI_ISL_812409, EPI_ISL_812410, EPI_ISL_812411, EPI_ISL_812412, EPI_ISL_812413, EPI_ISL_812414, EPI_ISL_812415, EPI_ISL_812416, EPI_ISL_812417, EPI_ISL_812418, EPI_ISL_812419, EPI_ISL_812420	see above	Utah Public Health Laboratory	Erin L. Young, Kelly F. Oakeson, Tara Gallagher
EPI_ISL_812421, EPI_ISL_812422	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_812526, EPI_ISL_812527, EPI_ISL_812528, EPI_ISL_812529, EPI_ISL_812530, EPI_ISL_812531, EPI_ISL_812532, EPI_ISL_812533, EPI_ISL_812534, EPI_ISL_812535, EPI_ISL_812536, EPI_ISL_812537, EPI_ISL_812538, EPI_ISL_812539, EPI_ISL_812540, EPI_ISL_812541, EPI_ISL_812542, EPI_ISL_812543, EPI_ISL_812544, EPI_ISL_812545, EPI_ISL_812546, EPI_ISL_812547, EPI_ISL_812548, EPI_ISL_812549, EPI_ISL_812550, EPI_ISL_812551, EPI_ISL_812552, EPI_ISL_812553, EPI_ISL_812554, EPI_ISL_812555, EPI_ISL_812556, EPI_ISL_812557, EPI_ISL_812558, EPI_ISL_812559, EPI_ISL_812560, EPI_ISL_812561, EPI_ISL_812562, EPI_ISL_812563, EPI_ISL_812564, EPI_ISL_812565, EPI_ISL_812566, EPI_ISL_812567, EPI_ISL_812568, EPI_ISL_812569, EPI_ISL_812570, EPI_ISL_812571, EPI_ISL_812572, EPI_ISL_812573, EPI_ISL_812574, EPI_ISL_812575, EPI_ISL_812576, EPI_ISL_812577, EPI_ISL_812578, EPI_ISL_812579, EPI_ISL_812580, EPI_ISL_812581, EPI_ISL_812582, EPI_ISL_812583, EPI_ISL_812584, EPI_ISL_812585, EPI_ISL_812586, EPI_ISL_812587, EPI_ISL_812588, EPI_ISL_812589, EPI_ISL_812590, EPI_ISL_812591, EPI_ISL_812592, EPI_ISL_812593, EPI_ISL_812594, EPI_ISL_812595, EPI_ISL_812596, EPI_ISL_812597, EPI_ISL_812598, EPI_ISL_812599, EPI_ISL_812600, EPI_ISL_812601, EPI_ISL_812602, EPI_ISL_812603, EPI_ISL_812604, EPI_ISL_812605, EPI_ISL_812606, EPI_ISL_812607, EPI_ISL_812608, EPI_ISL_812609, EPI_ISL_812610, EPI_ISL_812611, EPI_ISL_812612, EPI_ISL_812613, EPI_ISL_812614, EPI_ISL_812615, EPI_ISL_812616, EPI_ISL_812617, EPI_ISL_812618, EPI_ISL_812619, EPI_ISL_812620, EPI_ISL_812621, EPI_ISL_812622, EPI_ISL_812623, EPI_ISL_812624, EPI_ISL_812625, EPI_ISL_812626, EPI_ISL_812627, EPI_ISL_812628, EPI_ISL_812629, EPI_ISL_812630, EPI_ISL_812631, EPI_ISL_812632, EPI_ISL_812633, EPI_ISL_812634, EPI_ISL_812635, EPI_ISL_812636, EPI_ISL_812637, EPI_ISL_812638, EPI_ISL_812639, EPI_ISL_812640, EPI_ISL_812641, EPI_ISL_812642, EPI_ISL_812643, EPI_ISL_812644, EPI_ISL_812645, EPI_ISL_812646, EPI_ISL_812647, EPI_ISL_812648, EPI_ISL_812649, EPI_ISL_812650, EPI_ISL_812651, EPI_ISL_812652, EPI_ISL_812653, EPI_ISL_812654, EPI_ISL_812655, EPI_ISL_812656, EPI_ISL_812657, EPI_ISL_812658, EPI_ISL_812659, EPI_ISL_812660, EPI_ISL_812661, EPI_ISL_812662, EPI_ISL_812663, EPI_ISL_812664, EPI_ISL_812665, EPI_ISL_812666, EPI_ISL_812667, EPI_ISL_812668, EPI_ISL_812669, EPI_ISL_812670, EPI_ISL_812671, EPI_ISL_812672, EPI_ISL_812673, EPI_ISL_812674, EPI_ISL_812675, EPI_ISL_812676, EPI_ISL_812677, EPI_ISL_812678, EPI_ISL_812679, EPI_ISL_812680, EPI_ISL_812681, EPI_ISL_812682, EPI_ISL_812683, EPI_ISL_812684, EPI_ISL_812685, EPI_ISL_812686, EPI_ISL_812687, EPI_ISL_812688, EPI_ISL_812689, EPI_ISL_812690, EPI_ISL_812691, EPI_ISL_812692, EPI_ISL_812693, EPI_ISL_812694, EPI_ISL_812695, EPI_ISL_812696, EPI_ISL_812697, EPI_ISL_812698, EPI_ISL_812699, EPI_ISL_812700, EPI_ISL_812701, EPI_ISL_812702, EPI_ISL_812703, EPI_ISL_812704, EPI_ISL_812705, EPI_ISL_812706, EPI_ISL_812707, EPI_ISL_812708, EPI_ISL_812709, EPI_ISL_812710, EPI_ISL_812711	see above	United States Air Force School of Aerospace Medicine	Anthony Fries, Jennifer Meyer, Amanda Javorina, Sarah Purves, William Gruner, Clarise Starr, Elizabeth Macias
EPI_ISL_816135, EPI_ISL_816136, EPI_ISL_816432	Ohio Department of Health Laboratory	Ohio Department of Health Laboratory	Holmes, Jennifer; Eric Brandt, Keoni Omura, Glen McGillivray, Caitlin McDonnell, Kirtana Ramadugu, Erica Leasure, Kelsey Florek, Heather Blankenship, Quanta Brown, and Tammy Bannerman
EPI_ISL_819125	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_819127	Ohio Department of Health Laboratory	Ohio Department of Health Laboratory	Holmes, Jennifer; Eric Brandt, Keoni Omura, Glen McGillivray, Caitlin McDonnell, Kirtana Ramadugu, Erica Leasure, Kelsey Florek, Heather Blankenship, Quanta Brown, and Tammy Bannerman
EPI_ISL_819204, EPI_ISL_819205, EPI_ISL_819206, EPI_ISL_819207, EPI_ISL_819208, EPI_ISL_819209, EPI_ISL_819210, EPI_ISL_819211, EPI_ISL_819212, EPI_ISL_819213, EPI_ISL_819214, EPI_ISL_819215, EPI_ISL_819216, EPI_ISL_819217, EPI_ISL_819218, EPI_ISL_819219, EPI_ISL_819220, EPI_ISL_819221, EPI_ISL_819222, EPI_ISL_819223, EPI_ISL_819224, EPI_ISL_819225, EPI_ISL_819226, EPI_ISL_819227, EPI_ISL_819228, EPI_ISL_819229, EPI_ISL_819230, EPI_ISL_819231, EPI_ISL_819232, EPI_ISL_819233, EPI_ISL_819234, EPI_ISL_819235, EPI_ISL_819236, EPI_ISL_819237, EPI_ISL_819238, EPI_ISL_819239, EPI_ISL_819240, EPI_ISL_819241, EPI_ISL_819242, EPI_ISL_819243, EPI_ISL_819244, EPI_ISL_819245, EPI_ISL_819246, EPI_ISL_819247, EPI_ISL_819248, EPI_ISL_819249, EPI_ISL_819250, EPI_ISL_819251, EPI_ISL_819252, EPI_ISL_819253, EPI_ISL_819254, EPI_ISL_819255, EPI_ISL_819256, EPI_ISL_819257, EPI_ISL_819258, EPI_ISL_819259, EPI_ISL_819260, EPI_ISL_819261, EPI_ISL_819262, EPI_ISL_819263, EPI_ISL_819264, EPI_ISL_819265, EPI_ISL_819266, EPI_ISL_819267, EPI_ISL_819268, EPI_ISL_819269, EPI_ISL_819270, EPI_ISL_819271, EPI_ISL_819272, EPI_ISL_819273, EPI_ISL_819274, EPI_ISL_819275, EPI_ISL_819276, EPI_ISL_819277, EPI_ISL_819278, EPI_ISL_819279, EPI_ISL_819280, EPI_ISL_819281, EPI_ISL_819282, EPI_ISL_819283, EPI_ISL_819284, EPI_ISL_819285, EPI_ISL_819286, EPI_ISL_819287, EPI_ISL_819288, EPI_ISL_819289, EPI_ISL_819290, EPI_ISL_819291, EPI_ISL_819292	see above	Wyoming Public Health Laboratory	Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Bailey Bowcutt, and Wanda Manley
EPI_ISL_823813	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823814	DOHMH Riverside	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823815, EPI_ISL_823816	DOHMH Chelsea	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823817, EPI_ISL_823818, EPI_ISL_823819	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823820	DOHMH PHL	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823821, EPI_ISL_823822	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823823, EPI_ISL_823824, EPI_ISL_823825	DOHMH Riverside	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823826, EPI_ISL_823827, EPI_ISL_823828	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823829, EPI_ISL_823830, EPI_ISL_823831	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823832, EPI_ISL_823833, EPI_ISL_823834	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823835, EPI_ISL_823836, EPI_ISL_823837	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.

EPI_ISL_823838, EPI_ISL_823839, EPI_ISL_823840	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823841	DOHMH Riverside	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823842	DOHMH PHL	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823843, EPI_ISL_823844	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823845	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823846, EPI_ISL_823847, EPI_ISL_823848	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823849	DOHMH Fort Greene	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823850	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823851	DOHMH Fort Greene	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823852, EPI_ISL_823853	DOHMH Crown Heights	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823854, EPI_ISL_823855, EPI_ISL_823856, EPI_ISL_823857, EPI_ISL_823858, EPI_ISL_823859, EPI_ISL_823860	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823861, EPI_ISL_823862, EPI_ISL_823863	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823864	DOHMH Chelsea	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823865	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823866, EPI_ISL_823867	DOHMH Fort Greene	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823868	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823869	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823870, EPI_ISL_823871	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823872, EPI_ISL_823873, EPI_ISL_823874	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823875	DOHMH PHL	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823876, EPI_ISL_823877	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823878, EPI_ISL_823879, EPI_ISL_823880, EPI_ISL_823881, EPI_ISL_823882	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823883	DOHMH Riverside	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823884, EPI_ISL_823885, EPI_ISL_823886, EPI_ISL_823887	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823888	DOHMH Riverside	New York City Public Health Laboratory	Jade Wang, et al.
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EPI_ISL_823892, EPI_ISL_823893	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823894, EPI_ISL_823895	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
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EPI_ISL_823898, EPI_ISL_823899	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823900	DOHMH Riverside	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823901, EPI_ISL_823902	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823903	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
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EPI_ISL_823905, EPI_ISL_823906	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823907, EPI_ISL_823908	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
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EPI_ISL_823910, EPI_ISL_823911	DOHMH Fort Greene	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823912	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
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EPI_ISL_823915, EPI_ISL_823916, EPI_ISL_823917	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823918, EPI_ISL_823919, EPI_ISL_823920, EPI_ISL_823921, EPI_ISL_823922	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823923	DOHMH Fort Greene	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823924	DOHMH Chelsea	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823925	DOHMH Crown Heights	New York City Public Health Laboratory	Jade Wang, et al.
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EPI_ISL_823934	DOHMH Chelsea	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823935, EPI_ISL_823936	DOHMH Crown Heights	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823937	DOHMH PHL	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823938	DOHMH Fort Greene	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823939	DOHMH Riverside	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823940, EPI_ISL_823941	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823942	DOHMH Crown Heights	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823943, EPI_ISL_823944, EPI_ISL_823945	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823946	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823947	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
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EPI_ISL_823951, EPI_ISL_823952	DOHMH Riverside	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823953	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823954	DOHMH Chelsea	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823955, EPI_ISL_823956	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823957	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823958	DOHMH PHL	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823959, EPI_ISL_823960	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823961	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823962	DOHMH Chelsea	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823963, EPI_ISL_823964, EPI_ISL_823965, EPI_ISL_823966, EPI_ISL_823967	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823968, EPI_ISL_823969	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823970	Department of Homeless Services	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823971, EPI_ISL_823972	OCME Office Of Chief Medical Examiner	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823973	Department of Homeless Services	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823974	OCME Office Of Chief Medical Examiner	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_823975	Department of Homeless Services	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_824295	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_824296, EPI_ISL_824297	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_824298	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_824299	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_824300	DOHMH Chelsea	New York City Public Health Laboratory	Jade Wang, et al.
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EPI_ISL_824302	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_824303	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_824304, EPI_ISL_824305	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_824306, EPI_ISL_824307	DOHMH PHL	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_824308, EPI_ISL_824309	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_824310	DOHMH Crown Heights	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_824311, EPI_ISL_824312	DOHMH Fort Greene	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_824313	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_824314, EPI_ISL_824315	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
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EPI_ISL_824320	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_824321, EPI_ISL_824322	DOHMH Fort Greene	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_824323, EPI_ISL_824324, EPI_ISL_824325, EPI_ISL_824326, EPI_ISL_824327	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_824328	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.

EPI_ISL_824329, EPI_ISL_824330	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_824331	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_824332, EPI_ISL_824333	Ohio Department of Health Laboratory	Ohio Department of Health Laboratory	Holmes, Jennifer; Eric Brandt, Keoni Omura, Glen McGillivray, Caitlin McDonnell, Kirtana Ramadugu, Erica Leasure, Kelsey Florek, Heather Blankenship, Quanta Brown, and Tammy Bannerman
EPI_ISL_824334, EPI_ISL_824335, EPI_ISL_824336, EPI_ISL_824337, EPI_ISL_824338, EPI_ISL_824339, EPI_ISL_824340, EPI_ISL_824341, EPI_ISL_824342, EPI_ISL_824343, EPI_ISL_824344, EPI_ISL_824345, EPI_ISL_824346, EPI_ISL_824347, EPI_ISL_824348, EPI_ISL_824349, EPI_ISL_824350, EPI_ISL_824351, EPI_ISL_824352, EPI_ISL_824353, EPI_ISL_824354, EPI_ISL_824355, EPI_ISL_824356, EPI_ISL_824357, EPI_ISL_824358, EPI_ISL_824359, EPI_ISL_824360, EPI_ISL_824361, EPI_ISL_824362, EPI_ISL_824363, EPI_ISL_824364, EPI_ISL_824365, EPI_ISL_824366, EPI_ISL_824367, EPI_ISL_824368, EPI_ISL_824369, EPI_ISL_824370, EPI_ISL_824371, EPI_ISL_824372, EPI_ISL_824373, EPI_ISL_824374, EPI_ISL_824375, EPI_ISL_824376, EPI_ISL_824377, EPI_ISL_824378, EPI_ISL_824379, EPI_ISL_824380, EPI_ISL_824381, EPI_ISL_824382, EPI_ISL_824383			
see above	Michigan Department of Health and Human Services, Bureau of Laboratories	Michigan Department of Health and Human Services, Bureau of Laboratories	Blankenship HM, Riner D, Soehnlenn MK
EPI_ISL_824384, EPI_ISL_824385, EPI_ISL_824386, EPI_ISL_824387, EPI_ISL_824388, EPI_ISL_824389	Ohio Department of Health Laboratory	Ohio Department of Health Laboratory	Holmes, Jennifer; Eric Brandt, Keoni Omura, Glen McGillivray, Caitlin McDonnell, Kirtana Ramadugu, Erica Leasure, Kelsey Florek, Heather Blankenship, Quanta Brown, and Tammy Bannerman
EPI_ISL_824390, EPI_ISL_824391, EPI_ISL_824392, EPI_ISL_824393, EPI_ISL_824394, EPI_ISL_824395, EPI_ISL_824396, EPI_ISL_824397, EPI_ISL_824398, EPI_ISL_824399, EPI_ISL_824400, EPI_ISL_824401, EPI_ISL_824402, EPI_ISL_824403, EPI_ISL_824404, EPI_ISL_824405, EPI_ISL_824406			
see above	California Department of Public Health	California Department of Public Health	CDPH IDLB COVIDNet
EPI_ISL_824513, EPI_ISL_824514, EPI_ISL_824515, EPI_ISL_824516, EPI_ISL_824517, EPI_ISL_824518, EPI_ISL_824519, EPI_ISL_824520, EPI_ISL_824521, EPI_ISL_824522, EPI_ISL_824523, EPI_ISL_824524, EPI_ISL_824525, EPI_ISL_824526, EPI_ISL_824527, EPI_ISL_824528, EPI_ISL_824529, EPI_ISL_824530, EPI_ISL_824531, EPI_ISL_824532, EPI_ISL_824533, EPI_ISL_824534, EPI_ISL_824535, EPI_ISL_824536, EPI_ISL_824537, EPI_ISL_824538, EPI_ISL_824539, EPI_ISL_824540, EPI_ISL_824541, EPI_ISL_824542, EPI_ISL_824543, EPI_ISL_824544, EPI_ISL_824545, EPI_ISL_824546, EPI_ISL_824547, EPI_ISL_824548, EPI_ISL_824549, EPI_ISL_824550, EPI_ISL_824551, EPI_ISL_824552, EPI_ISL_824553, EPI_ISL_824554			
see above	New Mexico Department of Health Scientific Laboratory	New Mexico Department of Health Scientific Laboratory	Elie Johnson, Anastacia Griego-Fisher, D'eldra Malone
EPI_ISL_824555, EPI_ISL_824556, EPI_ISL_824557, EPI_ISL_824558, EPI_ISL_824559, EPI_ISL_824560, EPI_ISL_824561, EPI_ISL_824562, EPI_ISL_824563, EPI_ISL_824564, EPI_ISL_824565, EPI_ISL_824566, EPI_ISL_824567, EPI_ISL_824568, EPI_ISL_824569, EPI_ISL_824570, EPI_ISL_824571, EPI_ISL_824572, EPI_ISL_824573, EPI_ISL_824574, EPI_ISL_824575, EPI_ISL_824576, EPI_ISL_824577, EPI_ISL_824578, EPI_ISL_824579, EPI_ISL_824580, EPI_ISL_824581, EPI_ISL_824582, EPI_ISL_824583, EPI_ISL_824584, EPI_ISL_824585, EPI_ISL_824586, EPI_ISL_824587, EPI_ISL_824588, EPI_ISL_824589, EPI_ISL_824590, EPI_ISL_824591, EPI_ISL_824592, EPI_ISL_824593, EPI_ISL_824594, EPI_ISL_824595, EPI_ISL_824596, EPI_ISL_824597, EPI_ISL_824598, EPI_ISL_824599, EPI_ISL_824600, EPI_ISL_824601, EPI_ISL_824602, EPI_ISL_824603, EPI_ISL_824604, EPI_ISL_824605, EPI_ISL_824606, EPI_ISL_824607, EPI_ISL_824608, EPI_ISL_824609, EPI_ISL_824610, EPI_ISL_824611, EPI_ISL_824612, EPI_ISL_824613, EPI_ISL_824614, EPI_ISL_824615, EPI_ISL_824616, EPI_ISL_824618, EPI_ISL_824619, EPI_ISL_824620, EPI_ISL_824621, EPI_ISL_824622, EPI_ISL_824623, EPI_ISL_824624, EPI_ISL_824625, EPI_ISL_824626, EPI_ISL_824627, EPI_ISL_824628, EPI_ISL_824629, EPI_ISL_824630, EPI_ISL_824631, EPI_ISL_824632, EPI_ISL_824633, EPI_ISL_824634, EPI_ISL_824635, EPI_ISL_824636, EPI_ISL_824637, EPI_ISL_824638, EPI_ISL_824639, EPI_ISL_824640, EPI_ISL_824641, EPI_ISL_824642, EPI_ISL_824643, EPI_ISL_824644, EPI_ISL_824645, EPI_ISL_824646, EPI_ISL_824647, EPI_ISL_824648, EPI_ISL_824649, EPI_ISL_824650, EPI_ISL_824651, EPI_ISL_824652, EPI_ISL_824653, EPI_ISL_824654, EPI_ISL_824655, EPI_ISL_824656, EPI_ISL_824657, EPI_ISL_824658, EPI_ISL_824659, EPI_ISL_824660, EPI_ISL_824661, EPI_ISL_824662, EPI_ISL_824663, EPI_ISL_824664, EPI_ISL_824665, EPI_ISL_824666, EPI_ISL_824667, EPI_ISL_824668, EPI_ISL_824669, EPI_ISL_824670, EPI_ISL_824671, EPI_ISL_824672, EPI_ISL_824673, EPI_ISL_824674, EPI_ISL_824675, EPI_ISL_824676, EPI_ISL_824677, EPI_ISL_824678, EPI_ISL_824679, EPI_ISL_824680, EPI_ISL_824681, EPI_ISL_824682, EPI_ISL_824683, EPI_ISL_824684, EPI_ISL_824685, EPI_ISL_824686, EPI_ISL_824687, EPI_ISL_824688, EPI_ISL_824689, EPI_ISL_824690, EPI_ISL_824691, EPI_ISL_824692, EPI_ISL_824693, EPI_ISL_824694, EPI_ISL_824695, EPI_ISL_824696, EPI_ISL_824697, EPI_ISL_824698, EPI_ISL_824699, EPI_ISL_824700, EPI_ISL_824701, EPI_ISL_824702, EPI_ISL_824703, EPI_ISL_824704, EPI_ISL_824705, EPI_ISL_824706, EPI_ISL_824707, EPI_ISL_824708, EPI_ISL_824709, EPI_ISL_824710, EPI_ISL_824711, EPI_ISL_824712, EPI_ISL_824713, EPI_ISL_824714, EPI_ISL_824715, EPI_ISL_824716, EPI_ISL_824717, EPI_ISL_824718, EPI_ISL_824719, EPI_ISL_824720, EPI_ISL_824721, EPI_ISL_824722, EPI_ISL_824723, EPI_ISL_824724, EPI_ISL_824725, EPI_ISL_824726, EPI_ISL_824727, EPI_ISL_824728, EPI_ISL_824729, EPI_ISL_824730, EPI_ISL_824731, EPI_ISL_824732, EPI_ISL_824733, EPI_ISL_824734, EPI_ISL_824735, EPI_ISL_824736, EPI_ISL_824737, EPI_ISL_824738, EPI_ISL_824739, EPI_ISL_824740, EPI_ISL_824741			
see above	Cedars-Sinai Medical Center, Department of Pathology & Laboratory Medicine, Molecular Pathology Laboratory	Cedars-Sinai Medical Center, Molecular Pathology Laboratory of Department of Pathology & Laboratory Medicine and Genomic Core	Wenjuan Zhang, Brian Davis, Stephanie Chen, Jorge Mario Sincuir Martinez, Jasmine T Plummer, Eric Vail
EPI_ISL_824865, EPI_ISL_824866, EPI_ISL_824867, EPI_ISL_824868, EPI_ISL_824869, EPI_ISL_824870, EPI_ISL_824871, EPI_ISL_824872, EPI_ISL_824873, EPI_ISL_824874, EPI_ISL_824875, EPI_ISL_824876, EPI_ISL_824877, EPI_ISL_824878, EPI_ISL_824879, EPI_ISL_824880, EPI_ISL_824881, EPI_ISL_824882, EPI_ISL_824883, EPI_ISL_824884, EPI_ISL_824885, EPI_ISL_824886, EPI_ISL_824887, EPI_ISL_824888, EPI_ISL_824889, EPI_ISL_824890, EPI_ISL_824891, EPI_ISL_824892, EPI_ISL_824893, EPI_ISL_824894, EPI_ISL_824895, EPI_ISL_824896, EPI_ISL_824897, EPI_ISL_824898, EPI_ISL_824899, EPI_ISL_824900, EPI_ISL_824901, EPI_ISL_824902, EPI_ISL_824903, EPI_ISL_824904, EPI_ISL_824905, EPI_ISL_824906, EPI_ISL_824907, EPI_ISL_824908, EPI_ISL_824909, EPI_ISL_824910, EPI_ISL_824911, EPI_ISL_824912, EPI_ISL_824913, EPI_ISL_824914, EPI_ISL_824915, EPI_ISL_824916, EPI_ISL_824917, EPI_ISL_824918, EPI_ISL_824919			
see above	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Meeli-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_824922, EPI_ISL_824923, EPI_ISL_824924, EPI_ISL_824925, EPI_ISL_824926, EPI_ISL_824927, EPI_ISL_824928, EPI_ISL_824929, EPI_ISL_824930, EPI_ISL_824931, EPI_ISL_824932, EPI_ISL_824933, EPI_ISL_824934, EPI_ISL_824935, EPI_ISL_824936, EPI_ISL_824937, EPI_ISL_824938, EPI_ISL_824939, EPI_ISL_824940, EPI_ISL_824941			
see above	Arizona State Public Health Laboratory	Arizona State Public Health Laboratory	Trung Huynh, Jessica Escobar, Katherine Fullerton, Nobuko Fukushima, Stacy White, Linda Getsinger, Victor Waddell
EPI_ISL_824945, EPI_ISL_824946, EPI_ISL_824947, EPI_ISL_824948, EPI_ISL_824949, EPI_ISL_824950, EPI_ISL_824951, EPI_ISL_824952, EPI_ISL_824953, EPI_ISL_824954, EPI_ISL_824955, EPI_ISL_824956, EPI_ISL_824957, EPI_ISL_824958, EPI_ISL_824959, EPI_ISL_824960, EPI_ISL_824961, EPI_ISL_824962, EPI_ISL_824963, EPI_ISL_824964, EPI_ISL_824965, EPI_ISL_824966, EPI_ISL_824967, EPI_ISL_824968, EPI_ISL_824969, EPI_ISL_824970, EPI_ISL_824971, EPI_ISL_824972, EPI_ISL_824973, EPI_ISL_824974, EPI_ISL_824975, EPI_ISL_824976, EPI_ISL_824977, EPI_ISL_824978, EPI_ISL_824979, EPI_ISL_824980, EPI_ISL_824981, EPI_ISL_824982, EPI_ISL_824983, EPI_ISL_824984			
see above	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_824987, EPI_ISL_824988, EPI_ISL_824989, EPI_ISL_824990, EPI_ISL_824991, EPI_ISL_824992, EPI_ISL_824993, EPI_ISL_824994, EPI_ISL_824995, EPI_ISL_824996, EPI_ISL_824997, EPI_ISL_824998, EPI_ISL_824999, EPI_ISL_825000, EPI_ISL_825001, EPI_ISL_825002, EPI_ISL_825003, EPI_ISL_825004, EPI_ISL_825005, EPI_ISL_825006, EPI_ISL_825007, EPI_ISL_825008, EPI_ISL_825009, EPI_ISL_825010, EPI_ISL_825011, EPI_ISL_825012			
see above	Arizona State Public Health Laboratory	Arizona State Public Health Laboratory	Trung Huynh, Jessica Escobar, Katherine Fullerton, Nobuko Fukushima, Stacy White, Linda Getsinger, Victor Waddell
EPI_ISL_825013	Johns Hopkins Pathology	Johns Hopkins Hospital Department of Pathology	C. Paul Morris, Chun Huai Luo, Adannaya Amadi, Nicholas Gallagher, Heba H. Mostafa
EPI_ISL_825014	Northwestern Memorial Hospital	Ozer Lab	Ramon Lorenzo-Redondo, Lacy M. Simons, Lawrence J. Jennings, Michael G. Ison, Judd F. Hultquist, Egon A. Ozer
EPI_ISL_825015	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Meeli-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_825017, EPI_ISL_825018, EPI_ISL_825019, EPI_ISL_825020, EPI_ISL_825021, EPI_ISL_825022, EPI_ISL_825023, EPI_ISL_825024, EPI_ISL_825025, EPI_ISL_825026, EPI_ISL_825027			
see above	Utah Public Health Laboratory, Utah Public Health Laboratory Infectious Disease submission group	Utah Public Health Laboratory, Utah Public Health Laboratory Infectious Disease submission group	Young,E.L., Oakeson,K.F., Gallagher,T.
EPI_ISL_825028, EPI_ISL_825029, EPI_ISL_825030, EPI_ISL_825031, EPI_ISL_825032	Infectious Diseases, NC SLPH COVID-19 Response Team	Infectious Diseases, NC SLPH COVID-19 Response Team	Miller,M.C., Chase,K.
EPI_ISL_825033	Center for Genome Sciences, US Army Medical Research Institute of Infectious Disease (USAMRIID)	Center for Genome Sciences, US Army Medical Research Institute of Infectious Disease (USAMRIID)	Kugelman,J. and Beitzel,B.
EPI_ISL_826286, EPI_ISL_826287, EPI_ISL_826288, EPI_ISL_826289, EPI_ISL_826290, EPI_ISL_826291, EPI_ISL_826292, EPI_ISL_826293, EPI_ISL_826294, EPI_ISL_826295	The Jackson Laboratory	The Jackson Laboratory	Lloyd M, Maurya R, Renzette N, Omerza G, Kelly K, Li L, Wei C L, Adams M
EPI_ISL_826297, EPI_ISL_826298, EPI_ISL_826299, EPI_ISL_826300, EPI_ISL_826301, EPI_ISL_826302, EPI_ISL_826303, EPI_ISL_826304, EPI_ISL_826305, EPI_ISL_826306, EPI_ISL_826307, EPI_ISL_826308, EPI_ISL_826309, EPI_ISL_826310, EPI_ISL_826311, EPI_ISL_826312, EPI_ISL_826313, EPI_ISL_826314, EPI_ISL_826315, EPI_ISL_826316, EPI_ISL_826317, EPI_ISL_826318			
see above	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_826319, EPI_ISL_826320, EPI_ISL_826321, EPI_ISL_826322, EPI_ISL_826323, EPI_ISL_826324, EPI_ISL_826325, EPI_ISL_826326, EPI_ISL_826327, EPI_ISL_826328, EPI_ISL_826329, EPI_ISL_826330, EPI_ISL_826331, EPI_ISL_826332, EPI_ISL_826333, EPI_ISL_826334, EPI_ISL_826335, EPI_ISL_826336, EPI_ISL_826337, EPI_ISL_826338, EPI_ISL_826339, EPI_ISL_826340, EPI_ISL_826341, EPI_ISL_826342, EPI_ISL_826343, EPI_ISL_826344, EPI_ISL_826345, EPI_ISL_826346, EPI_ISL_826347, EPI_ISL_826348, EPI_ISL_826349, EPI_ISL_826350, EPI_ISL_826351, EPI_ISL_826352, EPI_ISL_826353, EPI_ISL_826354, EPI_ISL_826355, EPI_ISL_826356, EPI_ISL_826357, EPI_ISL_826358, EPI_ISL_826359, EPI_ISL_826360, EPI_ISL_826361, EPI_ISL_826362, EPI_ISL_826363, EPI_ISL_826364, EPI_ISL_826365, EPI_ISL_826366, EPI_ISL_826367, EPI_ISL_826368, EPI_ISL_826369, EPI_ISL_826370, EPI_ISL_826371, EPI_ISL_826372, EPI_ISL_826373, EPI_ISL_826374, EPI_ISL_826375, EPI_ISL_826376, EPI_ISL_826377, EPI_ISL_826378, EPI_ISL_826379, EPI_ISL_826380, EPI_ISL_826381, EPI_ISL_826382, EPI_ISL_826383, EPI_ISL_826384, EPI_ISL_826385, EPI_ISL_826386, EPI_ISL_826387, EPI_ISL_826388, EPI_ISL_826389, EPI_ISL_826390, EPI_ISL_826391, EPI_ISL_826392, EPI_ISL_826393, EPI_ISL_826394, EPI_ISL_826395, EPI_ISL_826396, EPI_ISL_826397, EPI_ISL_826398, EPI_ISL_826399, EPI_ISL_826400, EPI_ISL_826401, EPI_ISL_826402, EPI_ISL_826403, EPI_ISL_826404, EPI_ISL_826405, EPI_ISL_826406, EPI_ISL_826407, EPI_ISL_826408,			

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see above	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_826461	Montana Public Health Laboratory	Wyoming Public Health Laboratory	Noah Hull, Joy Ritter, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Bailey Bowcutt, Wanda Manley, Deborah Gibson
EPI_ISL_826463	The Ohio State University	OSU Polaris Molecular Laboratory	Huolin Tu, Matthew R Avenarius, Laura Kubatko, Matthew Hunt, Xiaokang Pan, Peng Ru, Jason Garee, Keele Thomas, Peter Mohler, Preeti Pancholi, Dan Jones
EPI_ISL_826521	The Ohio State University	James Molecular Laboratory	Huolin Tu, Matthew R Avenarius, Laura Kubatko, Matthew Hunt, Xiaokang Pan, Peng Ru, Jason Garee, Keele Thomas, Peter Mohler, Preeti Pancholi, Dan Jones
EPI_ISL_826522	The Jackson Laboratory	The Jackson Laboratory	Lloyd M, Maurya R, Renzette N, Omerza G, Kelly K, Li L, Wei C L, Adams M
EPI_ISL_826537, EPI_ISL_826538, EPI_ISL_826539, EPI_ISL_826540, EPI_ISL_826541, EPI_ISL_826542, EPI_ISL_826543, EPI_ISL_826544, EPI_ISL_826545, EPI_ISL_826546, EPI_ISL_826547, EPI_ISL_826548, EPI_ISL_826549, EPI_ISL_826550, EPI_ISL_826551, EPI_ISL_826552, EPI_ISL_826553, EPI_ISL_826554, EPI_ISL_826555, EPI_ISL_826556, EPI_ISL_826557, EPI_ISL_826558, EPI_ISL_826559, EPI_ISL_826560, EPI_ISL_826561, EPI_ISL_826562, EPI_ISL_826563, EPI_ISL_826564, EPI_ISL_826565, EPI_ISL_826566, EPI_ISL_826567, EPI_ISL_826568, EPI_ISL_826569, EPI_ISL_826570, EPI_ISL_826571, EPI_ISL_826572, EPI_ISL_826573, EPI_ISL_826574, EPI_ISL_826575, EPI_ISL_826576, EPI_ISL_826577			
see above	Texas Department of State Health Services	Texas Department of State Health Services	Rashmi Tuladhar, Bonnie Oh, Jenny Zhang, Maliha Rahman, Anita Pokharel, Myong Koag, Chung Wang, Rachel Lee, Grace Kubin, Mayela Pedrueza, James Daniel Bonser
EPI_ISL_826578, EPI_ISL_826579, EPI_ISL_826580, EPI_ISL_826581, EPI_ISL_826582, EPI_ISL_826583, EPI_ISL_826584, EPI_ISL_826585, EPI_ISL_826586, EPI_ISL_826587, EPI_ISL_826588, EPI_ISL_826589, EPI_ISL_826590, EPI_ISL_826591, EPI_ISL_826592, EPI_ISL_826593, EPI_ISL_826594, EPI_ISL_826595, EPI_ISL_826596, EPI_ISL_826597, EPI_ISL_826598, EPI_ISL_826599, EPI_ISL_826600, EPI_ISL_826601, EPI_ISL_826602, EPI_ISL_826603, EPI_ISL_826604, EPI_ISL_826605, EPI_ISL_826606, EPI_ISL_826607, EPI_ISL_826608, EPI_ISL_826609, EPI_ISL_826610, EPI_ISL_826611, EPI_ISL_826612, EPI_ISL_826613, EPI_ISL_826614, EPI_ISL_826615, EPI_ISL_826616, EPI_ISL_826617, EPI_ISL_826618, EPI_ISL_826619, EPI_ISL_826620, EPI_ISL_826621, EPI_ISL_826622, EPI_ISL_826623, EPI_ISL_826624, EPI_ISL_826625, EPI_ISL_826626, EPI_ISL_826627, EPI_ISL_826628, EPI_ISL_826629, EPI_ISL_826630, EPI_ISL_826631, EPI_ISL_826632, EPI_ISL_826633, EPI_ISL_826634, EPI_ISL_826635, EPI_ISL_826636, EPI_ISL_826637, EPI_ISL_826638, EPI_ISL_826639, EPI_ISL_826640, EPI_ISL_826641, EPI_ISL_826642, EPI_ISL_826643, EPI_ISL_826644, EPI_ISL_826645, EPI_ISL_826646, EPI_ISL_826647, EPI_ISL_826648, EPI_ISL_826649, EPI_ISL_826650, EPI_ISL_826651, EPI_ISL_826652, EPI_ISL_826653, EPI_ISL_826654, EPI_ISL_826655, EPI_ISL_826656, EPI_ISL_826657, EPI_ISL_826658, EPI_ISL_826659, EPI_ISL_826660, EPI_ISL_826661, EPI_ISL_826662, EPI_ISL_826663, EPI_ISL_826664, EPI_ISL_826665, EPI_ISL_826666, EPI_ISL_826667, EPI_ISL_826668, EPI_ISL_826669, EPI_ISL_826670			
see above	Montefiore Medical Center	Albert Einstein College of Medicine, Dept. of Microbiology & Immunology, Chandran lab	J. Maximilian Fels, Saad Khan, Ryan Forster, Karin A. Skalina, Surksha Sirichand, Amy S. Fox, Aviv Bergman, William B. Mitchell, Lucia R. Wolgast, Wendy Szymczak, Robert H. Bortz III, M. Eugenia Dieterle, Catalina Florez, Denise Haslwanter, Rohit K. Jangra, Ethan Laudermilch, Ariel S. Wirchnianski, Jason Barnhill, David L. Goldman, Hnin Khine, D. Yitzchak Goldstein, Johanna P. Daily, Kartik Chandran, Libusha Kelly
EPI_ISL_827438, EPI_ISL_827439, EPI_ISL_827441, EPI_ISL_827443, EPI_ISL_827445, EPI_ISL_827446	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_830208, EPI_ISL_830210, EPI_ISL_830212	KALEIDA CENTER FOR LABORATORY MEDICINE	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_830214	BOSTON HEART DIAGNOSTICS CORP	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_830216, EPI_ISL_830218, EPI_ISL_830220, EPI_ISL_830221	Wadsworth Center, New York State Department of Health	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_830223, EPI_ISL_830225, EPI_ISL_830227, EPI_ISL_830229, EPI_ISL_830230, EPI_ISL_830232, EPI_ISL_830234, EPI_ISL_830236, EPI_ISL_830238, EPI_ISL_830239, EPI_ISL_830241, EPI_ISL_830243			
see above	KALEIDA CENTER FOR LABORATORY MEDICINE	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_830244, EPI_ISL_830246, EPI_ISL_830248, EPI_ISL_830250, EPI_ISL_830252, EPI_ISL_830253, EPI_ISL_830255, EPI_ISL_830257, EPI_ISL_830259, EPI_ISL_830261, EPI_ISL_830263, EPI_ISL_830265, EPI_ISL_830267, EPI_ISL_830269, EPI_ISL_830270, EPI_ISL_830272, EPI_ISL_830274, EPI_ISL_830276, EPI_ISL_830278, EPI_ISL_830280, EPI_ISL_830282, EPI_ISL_830284, EPI_ISL_830286, EPI_ISL_830288, EPI_ISL_830289, EPI_ISL_830291, EPI_ISL_830293, EPI_ISL_830294, EPI_ISL_830296, EPI_ISL_830298, EPI_ISL_830300, EPI_ISL_830302, EPI_ISL_830304, EPI_ISL_830306, EPI_ISL_830308, EPI_ISL_830310, EPI_ISL_830312, EPI_ISL_830313, EPI_ISL_830315, EPI_ISL_830317, EPI_ISL_830319, EPI_ISL_830321, EPI_ISL_830323, EPI_ISL_830325, EPI_ISL_830326, EPI_ISL_830329, EPI_ISL_830331, EPI_ISL_830333, EPI_ISL_830334, EPI_ISL_830335, EPI_ISL_830337, EPI_ISL_830338, EPI_ISL_830340, EPI_ISL_830342, EPI_ISL_830344, EPI_ISL_830346, EPI_ISL_830348, EPI_ISL_830349			
see above	Wadsworth Center, New York State Department of Health	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_830571	KALEIDA CENTER FOR LABORATORY MEDICINE	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_830572	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_830573	KALEIDA CENTER FOR LABORATORY MEDICINE	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_830574	NORTHWELL HEALTH LABORATORIES	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_830575	KALEIDA CENTER FOR LABORATORY MEDICINE	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_830576, EPI_ISL_830577, EPI_ISL_830578	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_830579, EPI_ISL_830580, EPI_ISL_830581, EPI_ISL_830582, EPI_ISL_830583, EPI_ISL_830584, EPI_ISL_830585, EPI_ISL_830586, EPI_ISL_830587, EPI_ISL_830588, EPI_ISL_830589, EPI_ISL_830590, EPI_ISL_830591, EPI_ISL_830592, EPI_ISL_830593, EPI_ISL_830594, EPI_ISL_830595, EPI_ISL_830596, EPI_ISL_830597, EPI_ISL_830598, EPI_ISL_830599, EPI_ISL_830600, EPI_ISL_830601, EPI_ISL_830602, EPI_ISL_830603, EPI_ISL_830604, EPI_ISL_830605, EPI_ISL_830606, EPI_ISL_830607, EPI_ISL_830608, EPI_ISL_830609, EPI_ISL_830610, EPI_ISL_830611, EPI_ISL_830612, EPI_ISL_830613, EPI_ISL_830614, EPI_ISL_830615, EPI_ISL_830616, EPI_ISL_830617, EPI_ISL_830618, EPI_ISL_830619, EPI_ISL_830620, EPI_ISL_830621, EPI_ISL_830622, EPI_ISL_830623, EPI_ISL_830624, EPI_ISL_830625, EPI_ISL_830626, EPI_ISL_830627			
see above	KALEIDA CENTER FOR LABORATORY MEDICINE	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_830628, EPI_ISL_830629, EPI_ISL_830630, EPI_ISL_830631, EPI_ISL_830632, EPI_ISL_830633	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_830634	MARY IMOGENE BASSETT HOSPITAL	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_830635, EPI_ISL_830636, EPI_ISL_830637, EPI_ISL_830638, EPI_ISL_830639, EPI_ISL_830640, EPI_ISL_830641, EPI_ISL_830642	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_830643, EPI_ISL_830644, EPI_ISL_830645, EPI_ISL_830646, EPI_ISL_830647	Wadsworth Center, New York State Department of Health	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_830649	Gundersen Molecular Diagnostics Laboratory	Kabara Cancer Research Institute	Craig S. Richmond, Paraic A. Kenny

EPI_ISL_830650, EPI_ISL_830651, EPI_ISL_830652, EPI_ISL_830653, EPI_ISL_830654, EPI_ISL_830655, EPI_ISL_830656, EPI_ISL_830657, EPI_ISL_830658, EPI_ISL_830659, EPI_ISL_830660, EPI_ISL_830661, EPI_ISL_830662, EPI_ISL_830663, EPI_ISL_830664, EPI_ISL_830665, EPI_ISL_830666, EPI_ISL_830667, EPI_ISL_830668, EPI_ISL_830669, EPI_ISL_830670, EPI_ISL_830671, EPI_ISL_830672, EPI_ISL_830673, EPI_ISL_830674, EPI_ISL_830675, EPI_ISL_830676, EPI_ISL_830677, EPI_ISL_830678, EPI_ISL_830679, EPI_ISL_830680, EPI_ISL_830681, EPI_ISL_830682			
see above	SUNY UPSTATE MEDICAL UNIVERSITY	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_830683, EPI_ISL_830684, EPI_ISL_830685, EPI_ISL_830686, EPI_ISL_830687, EPI_ISL_830688, EPI_ISL_830689, EPI_ISL_830690, EPI_ISL_830691, EPI_ISL_830692, EPI_ISL_830693, EPI_ISL_830694, EPI_ISL_830695, EPI_ISL_830696, EPI_ISL_830697, EPI_ISL_830698, EPI_ISL_830699, EPI_ISL_830700, EPI_ISL_830701, EPI_ISL_830702, EPI_ISL_830703, EPI_ISL_830704, EPI_ISL_830705, EPI_ISL_830706, EPI_ISL_830707, EPI_ISL_830708, EPI_ISL_830709, EPI_ISL_830710, EPI_ISL_830711, EPI_ISL_830712, EPI_ISL_830713, EPI_ISL_830714, EPI_ISL_830715, EPI_ISL_830716, EPI_ISL_830717, EPI_ISL_830718, EPI_ISL_830719			
see above	ALBANY MEDICAL CENTER HOSPITAL CLINICAL LABORATORIES	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_830720, EPI_ISL_830721, EPI_ISL_830722, EPI_ISL_830723	BIO-REFERENCE LABORATORIES	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_830724, EPI_ISL_830725	ACUTIS DIAGNOSTICS	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_830726	Wadsworth Center, New York State Department of Health	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_831289, EPI_ISL_831290, EPI_ISL_831291, EPI_ISL_831292, EPI_ISL_831293, EPI_ISL_831294, EPI_ISL_831295, EPI_ISL_831296, EPI_ISL_831297, EPI_ISL_831298, EPI_ISL_831299, EPI_ISL_831300, EPI_ISL_831301, EPI_ISL_831302, EPI_ISL_831303, EPI_ISL_831304, EPI_ISL_831305, EPI_ISL_831306, EPI_ISL_831307, EPI_ISL_831308, EPI_ISL_831309, EPI_ISL_831310, EPI_ISL_831311, EPI_ISL_831312, EPI_ISL_831313, EPI_ISL_831314, EPI_ISL_831315, EPI_ISL_831316, EPI_ISL_831317, EPI_ISL_831318, EPI_ISL_831319, EPI_ISL_831320, EPI_ISL_831321, EPI_ISL_831322, EPI_ISL_831323, EPI_ISL_831324, EPI_ISL_831325, EPI_ISL_831326, EPI_ISL_831327, EPI_ISL_831328, EPI_ISL_831329, EPI_ISL_831330, EPI_ISL_831331, EPI_ISL_831332, EPI_ISL_831333			
see above	Texas Department of State Health Services	Texas Department of State Health Services	Anita Pokharel, Bonnie Oh, James Daniel Bonser, Rashmi Tuladhar, Mayela Pedrueza, Jenny Zhang, Maliha Rahman, Myong Koag, Chung Wang, Rachel Lee, Grace Kubin
EPI_ISL_831334, EPI_ISL_831335, EPI_ISL_831336, EPI_ISL_831337, EPI_ISL_831338, EPI_ISL_831339, EPI_ISL_831340, EPI_ISL_831341, EPI_ISL_831342, EPI_ISL_831343, EPI_ISL_831344, EPI_ISL_831345, EPI_ISL_831346, EPI_ISL_831347, EPI_ISL_831348, EPI_ISL_831349, EPI_ISL_831350, EPI_ISL_831351, EPI_ISL_831352, EPI_ISL_831353, EPI_ISL_831354, EPI_ISL_831355, EPI_ISL_831356, EPI_ISL_831357, EPI_ISL_831358, EPI_ISL_831359, EPI_ISL_831360			
see above	Clinical Molecular Microbiology Laboratory, UNC Hospitals	Jeremy Wang	Jeremy Wang, Alexander Rubinsteyn, Cecilia Thompson, Clark Cunningham, Kaylee Gentry, Jonathan Juliano, Benjamin Vincent, Melissa Miller, Robert Hagan, Corbin Jones
EPI_ISL_831361, EPI_ISL_831362, EPI_ISL_831363, EPI_ISL_831364, EPI_ISL_831365, EPI_ISL_831366, EPI_ISL_831367, EPI_ISL_831368, EPI_ISL_831369	Clinical Molecular Microbiology Laboratory, UNC Hospitals	Jeremy Wang	Jeremy Wang, Alexander Rubinsteyn, Colleen Rice, Jason Smedberg, Melissa Miller, Corbin Jones, Robert Hagan
EPI_ISL_831472, EPI_ISL_831473	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Department
EPI_ISL_831475, EPI_ISL_831476, EPI_ISL_831477, EPI_ISL_831478, EPI_ISL_831479, EPI_ISL_831480, EPI_ISL_831481, EPI_ISL_831482, EPI_ISL_831483, EPI_ISL_831484, EPI_ISL_831485, EPI_ISL_831486, EPI_ISL_831487, EPI_ISL_831488, EPI_ISL_831489, EPI_ISL_831490, EPI_ISL_831491, EPI_ISL_831492, EPI_ISL_831493, EPI_ISL_831494, EPI_ISL_831495, EPI_ISL_831496, EPI_ISL_831497, EPI_ISL_831498, EPI_ISL_831499, EPI_ISL_831500, EPI_ISL_831501, EPI_ISL_831502, EPI_ISL_831503, EPI_ISL_831504, EPI_ISL_831505, EPI_ISL_831506, EPI_ISL_831507, EPI_ISL_831508, EPI_ISL_831509, EPI_ISL_831510, EPI_ISL_831511, EPI_ISL_831512, EPI_ISL_831513, EPI_ISL_831514, EPI_ISL_831515, EPI_ISL_831516, EPI_ISL_831517, EPI_ISL_831518, EPI_ISL_831519, EPI_ISL_831520, EPI_ISL_831521, EPI_ISL_831522, EPI_ISL_831523, EPI_ISL_831524, EPI_ISL_831525, EPI_ISL_831526, EPI_ISL_831527, EPI_ISL_831528, EPI_ISL_831529, EPI_ISL_831530, EPI_ISL_831531, EPI_ISL_831532, EPI_ISL_831533, EPI_ISL_831534, EPI_ISL_831535, EPI_ISL_831536, EPI_ISL_831537, EPI_ISL_831538, EPI_ISL_831539, EPI_ISL_831540, EPI_ISL_831541, EPI_ISL_831542, EPI_ISL_831543, EPI_ISL_831544, EPI_ISL_831545, EPI_ISL_831546, EPI_ISL_831547, EPI_ISL_831548, EPI_ISL_831549, EPI_ISL_831550, EPI_ISL_831551, EPI_ISL_831552, EPI_ISL_831553, EPI_ISL_831554, EPI_ISL_831555, EPI_ISL_831556, EPI_ISL_831557, EPI_ISL_831558, EPI_ISL_831559, EPI_ISL_831560, EPI_ISL_831561, EPI_ISL_831562, EPI_ISL_831563, EPI_ISL_831564, EPI_ISL_831565, EPI_ISL_831566, EPI_ISL_831567, EPI_ISL_831568, EPI_ISL_831569, EPI_ISL_831570, EPI_ISL_831571, EPI_ISL_831572, EPI_ISL_831573, EPI_ISL_831574, EPI_ISL_831575, EPI_ISL_831576, EPI_ISL_831577, EPI_ISL_831578, EPI_ISL_831579, EPI_ISL_831580, EPI_ISL_831581, EPI_ISL_831582, EPI_ISL_831583, EPI_ISL_831584, EPI_ISL_831585, EPI_ISL_831586, EPI_ISL_831587, EPI_ISL_831588, EPI_ISL_831589, EPI_ISL_831590, EPI_ISL_831591, EPI_ISL_831592, EPI_ISL_831593, EPI_ISL_831594, EPI_ISL_831595, EPI_ISL_831596, EPI_ISL_831597, EPI_ISL_831598, EPI_ISL_831599, EPI_ISL_831600, EPI_ISL_831601, EPI_ISL_831602, EPI_ISL_831603, EPI_ISL_831604, EPI_ISL_831605, EPI_ISL_831606, EPI_ISL_831607, EPI_ISL_831608, EPI_ISL_831609, EPI_ISL_831610, EPI_ISL_831611, EPI_ISL_831612, EPI_ISL_831613, EPI_ISL_831614, EPI_ISL_831615, EPI_ISL_831616, EPI_ISL_831617, EPI_ISL_831618, EPI_ISL_831619, EPI_ISL_831620			
see above	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_831621	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Department
EPI_ISL_831622, EPI_ISL_831623, EPI_ISL_831624, EPI_ISL_831625, EPI_ISL_831626, EPI_ISL_831627, EPI_ISL_831628, EPI_ISL_831629, EPI_ISL_831630, EPI_ISL_831631, EPI_ISL_831632, EPI_ISL_831633, EPI_ISL_831634, EPI_ISL_831635, EPI_ISL_831636, EPI_ISL_831637, EPI_ISL_831638, EPI_ISL_831639, EPI_ISL_831640, EPI_ISL_831641, EPI_ISL_831642, EPI_ISL_831643			
see above	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_831644, EPI_ISL_831647, EPI_ISL_831648, EPI_ISL_831661, EPI_ISL_831662, EPI_ISL_831677, EPI_ISL_831679, EPI_ISL_831680, EPI_ISL_831682, EPI_ISL_831684, EPI_ISL_831686, EPI_ISL_831687			
see above	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Department
EPI_ISL_831690, EPI_ISL_831691, EPI_ISL_831692, EPI_ISL_831693, EPI_ISL_831694, EPI_ISL_831695, EPI_ISL_831696, EPI_ISL_831697, EPI_ISL_831698, EPI_ISL_831699, EPI_ISL_831700, EPI_ISL_831701, EPI_ISL_831702, EPI_ISL_831703, EPI_ISL_831704, EPI_ISL_831705, EPI_ISL_831706, EPI_ISL_831707, EPI_ISL_831708, EPI_ISL_831709, EPI_ISL_831710, EPI_ISL_831711, EPI_ISL_831712, EPI_ISL_831713, EPI_ISL_831714, EPI_ISL_831715, EPI_ISL_831716, EPI_ISL_831717, EPI_ISL_831718, EPI_ISL_831719, EPI_ISL_831720, EPI_ISL_831721, EPI_ISL_831722, EPI_ISL_831723, EPI_ISL_831724, EPI_ISL_831725, EPI_ISL_831726, EPI_ISL_831727, EPI_ISL_831728, EPI_ISL_831729, EPI_ISL_831730, EPI_ISL_831731, EPI_ISL_831732, EPI_ISL_831733, EPI_ISL_831734, EPI_ISL_831735, EPI_ISL_831736, EPI_ISL_831737, EPI_ISL_831738, EPI_ISL_831739, EPI_ISL_831740, EPI_ISL_831741, EPI_ISL_831742, EPI_ISL_831743, EPI_ISL_831744, EPI_ISL_831745, EPI_ISL_831746, EPI_ISL_831747, EPI_ISL_831748, EPI_ISL_831749, EPI_ISL_831750, EPI_ISL_831751, EPI_ISL_831752, EPI_ISL_831753, EPI_ISL_831754, EPI_ISL_831755, EPI_ISL_831756, EPI_ISL_831757, EPI_ISL_831758, EPI_ISL_831759, EPI_ISL_831760, EPI_ISL_831761, EPI_ISL_831762, EPI_ISL_831763, EPI_ISL_831764, EPI_ISL_831765, EPI_ISL_831766, EPI_ISL_831767, EPI_ISL_831768, EPI_ISL_831769, EPI_ISL_831770, EPI_ISL_831771, EPI_ISL_831772, EPI_ISL_831773, EPI_ISL_831774, EPI_ISL_831775, EPI_ISL_831776, EPI_ISL_831777, EPI_ISL_831778, EPI_ISL_831779, EPI_ISL_831780, EPI_ISL_831781, EPI_ISL_831782, EPI_ISL_831783, EPI_ISL_831784, EPI_ISL_831785, EPI_ISL_831786, EPI_ISL_831787, EPI_ISL_831788, EPI_ISL_831789, EPI_ISL_831790, EPI_ISL_831791, EPI_ISL_831792, EPI_ISL_831793, EPI_ISL_831794, EPI_ISL_831795, EPI_ISL_831796, EPI_ISL_831797, EPI_ISL_831798, EPI_ISL_831799, EPI_ISL_831800, EPI_ISL_831801, EPI_ISL_831802, EPI_ISL_831803, EPI_ISL_831804, EPI_ISL_831805, EPI_ISL_831806, EPI_ISL_831807, EPI_ISL_831808, EPI_ISL_831809, EPI_ISL_831810, EPI_ISL_831811, EPI_ISL_831812, EPI_ISL_831813, EPI_ISL_831814, EPI_ISL_831815, EPI_ISL_831816, EPI_ISL_831817, EPI_ISL_831818, EPI_ISL_831819, EPI_ISL_831820, EPI_ISL_831821, EPI_ISL_831822, EPI_ISL_831823, EPI_ISL_831824, EPI_ISL_831825, EPI_ISL_831826, EPI_ISL_831827, EPI_ISL_831828, EPI_ISL_831829, EPI_ISL_831830, EPI_ISL_831831, EPI_ISL_831832, EPI_ISL_831833, EPI_ISL_831834, EPI_ISL_831835, EPI_ISL_831836, EPI_ISL_831837, EPI_ISL_831838, EPI_ISL_831839, EPI_ISL_831840, EPI_ISL_831841, EPI_ISL_831842, EPI_ISL_831843, EPI_ISL_831844, EPI_ISL_831845, EPI_ISL_831846, EPI_ISL_831847, EPI_ISL_831848, EPI_ISL_831849, EPI_ISL_831850, EPI_ISL_831851, EPI_ISL_831852, EPI_ISL_831853, EPI_ISL_831854, EPI_ISL_831855, EPI_ISL_831856, EPI_ISL_831857, EPI_ISL_831858, EPI_ISL_831859, EPI_ISL_831860, EPI_ISL_831861, EPI_ISL_831862, EPI_ISL_831863, EPI_ISL_831864, EPI_ISL_831865, EPI_ISL_831866, EPI_ISL_831867, EPI_ISL_831868, EPI_ISL_831869, EPI_ISL_831870, EPI_ISL_831871, EPI_ISL_831872, EPI_ISL_831873, EPI_ISL_831874, EPI_ISL_831875, EPI_ISL_831876, EPI_ISL_831877, EPI_ISL_831878, EPI_ISL_831879, EPI_ISL_831880, EPI_ISL_831881, EPI_ISL_831882, EPI_ISL_831883, EPI_ISL_831884, EPI_ISL_831885, EPI_ISL_831886, EPI_ISL_831887, EPI_ISL_831888, EPI_ISL_831889, EPI_ISL_831890, EPI_ISL_831891			
see above	United States Air Force School of Aerospace Medicine	United States Air Force School of Aerospace Medicine	Anthony Fries, Jennifer Meyer, William Gruner, Amanda Javorina, Sarah Purves, Clarise Starr, Elizabeth Macias
EPI_ISL_831893, EPI_ISL_831894, EPI_ISL_831895, EPI_ISL_831896, EPI_ISL_831897, EPI_ISL_831899	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Department
EPI_ISL_831900, EPI_ISL_831901, EPI_ISL_831902, EPI_ISL_831903, EPI_ISL_831904, EPI_ISL_831905, EPI_ISL_831906, EPI_ISL_831907, EPI_ISL_831908, EPI_ISL_831909, EPI_ISL_831910, EPI_ISL_831911, EPI_ISL_831912, EPI_ISL_831914, EPI_ISL_831915, EPI_ISL_831916, EPI_ISL_831917, EPI_ISL_831918, EPI_ISL_831919, EPI_ISL_831920, EPI_ISL_831921, EPI_ISL_831922, EPI_ISL_831923, EPI_ISL_831924, EPI_ISL_831925, EPI_ISL_831926, EPI_ISL_831927, EPI_ISL_831928, EPI_ISL_831929, EPI_ISL_831930, EPI_ISL_831931, EPI_ISL_831932, EPI_ISL_831933, EPI_ISL_831934, EPI_ISL_831935, EPI_ISL_831936, EPI_ISL_831937			
see above	New Mexico Department of Health Scientific Laboratory	New Mexico Department of Health Scientific Laboratory	Ellie Johnson, Anastacia Griego-Fisher, D'eldra Malone
EPI_ISL_832014	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin L. Young, Kelly F. Oakeson, Tara Gallagher
EPI_ISL_832015, EPI_ISL_832016, EPI_ISL_832017, EPI_ISL_832018	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_832019	Southern Nevada Public Health Laboratory	Southern Nevada Public Health Laboratory	Michael Picker, Holly Hansen, Erin Buttery, Joseph Benson
EPI_ISL_832020, EPI_ISL_832021,	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Department

EPI_ISL_832022			
EPI_ISL_832023, EPI_ISL_832024, EPI_ISL_832025, EPI_ISL_832026, EPI_ISL_832027, EPI_ISL_832028, EPI_ISL_832029, EPI_ISL_832030, EPI_ISL_832031, EPI_ISL_832032, EPI_ISL_832033, EPI_ISL_832034, EPI_ISL_832035, EPI_ISL_832036, EPI_ISL_832037, EPI_ISL_832038, EPI_ISL_832039, EPI_ISL_832040, EPI_ISL_832041, EPI_ISL_832042, EPI_ISL_832043, EPI_ISL_832044, EPI_ISL_832045, EPI_ISL_832046, EPI_ISL_832047, EPI_ISL_832048, EPI_ISL_832049, EPI_ISL_832050, EPI_ISL_832051, EPI_ISL_832052, EPI_ISL_832053, EPI_ISL_832054, EPI_ISL_832055, EPI_ISL_832056, EPI_ISL_832057, EPI_ISL_832058, EPI_ISL_832059, EPI_ISL_832060, EPI_ISL_832061, EPI_ISL_832062, EPI_ISL_832063, EPI_ISL_832064			
see above	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_832065, EPI_ISL_832066, EPI_ISL_832067, EPI_ISL_832068, EPI_ISL_832069, EPI_ISL_832070, EPI_ISL_832071, EPI_ISL_832072, EPI_ISL_832073, EPI_ISL_832074, EPI_ISL_832075, EPI_ISL_832076, EPI_ISL_832077, EPI_ISL_832078, EPI_ISL_832079, EPI_ISL_832080, EPI_ISL_832081			
see above	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Department
EPI_ISL_832082, EPI_ISL_832083, EPI_ISL_832084, EPI_ISL_832085, EPI_ISL_832086, EPI_ISL_832087, EPI_ISL_832088, EPI_ISL_832089	Clinical Molecular Microbiology Laboratory, UNC Hospitals	Jeremy Wang	Jeremy Wang, Alexander Rubinsteyn, Cecilia Thompson, Clark Cunningham, Kaylee Gentry, Jonathan Juliano, Benjamin Vincent, Melissa Miller, Robert Hagan, Corbin Jones
EPI_ISL_832090	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Department
EPI_ISL_832091, EPI_ISL_832092, EPI_ISL_832093, EPI_ISL_832094	Clinical Molecular Microbiology Laboratory, UNC Hospitals	Jeremy Wang	Jeremy Wang, Alexander Rubinsteyn, Cecilia Thompson, Clark Cunningham, Kaylee Gentry, Jonathan Juliano, Benjamin Vincent, Melissa Miller, Robert Hagan, Corbin Jones
EPI_ISL_832095, EPI_ISL_832096, EPI_ISL_832097, EPI_ISL_832098, EPI_ISL_832099, EPI_ISL_832100	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Department
EPI_ISL_832105, EPI_ISL_832106, EPI_ISL_832107, EPI_ISL_832108, EPI_ISL_832109, EPI_ISL_832110, EPI_ISL_832111, EPI_ISL_832112, EPI_ISL_832113, EPI_ISL_832114, EPI_ISL_832115, EPI_ISL_832116, EPI_ISL_832117, EPI_ISL_832118, EPI_ISL_832119, EPI_ISL_832120			
see above	MD Laboratories	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_832121, EPI_ISL_832122, EPI_ISL_832123, EPI_ISL_832124, EPI_ISL_832125, EPI_ISL_832126	Clinical Molecular Microbiology Laboratory, UNC Hospitals	Jeremy Wang	Jeremy Wang, Alexander Rubinsteyn, Colleen Rice, Jason Smedberg, Melissa Miller, Corbin Jones, Robert Hagan
EPI_ISL_832127	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_832203, EPI_ISL_832204	Northwest Pathology	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Michelle Lin, Meei-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_832243	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832244	DOHMH Crown Heights	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832245	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832246	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832247, EPI_ISL_832248	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832249	DOHMH PHL	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832250	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832251, EPI_ISL_832252, EPI_ISL_832253, EPI_ISL_832254	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832255	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832256	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832257	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832258, EPI_ISL_832259	DOHMH PHL	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832260, EPI_ISL_832261, EPI_ISL_832262	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832263	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832264	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832265	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832266, EPI_ISL_832267	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832268, EPI_ISL_832269	DOHMH Fort Greene	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832270, EPI_ISL_832271	DOHMH Riverside	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832272, EPI_ISL_832273, EPI_ISL_832274	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832275	DOHMH Crown Heights	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832276	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832277, EPI_ISL_832278, EPI_ISL_832279	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832280, EPI_ISL_832281	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832282	DOHMH Chelsea	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832283	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832284	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832285	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832286	DOHMH Fort Greene	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832287, EPI_ISL_832288	DOHMH Crown Heights	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832289	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832290, EPI_ISL_832291	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832292, EPI_ISL_832293	DOHMH Crown Heights	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832294	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832295	DOHMH Crown Heights	New York City Public Health Laboratory	Jade Wang, et al.

EPI_ISL_832296	DOHMH Riverside	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832297, EPI_ISL_832298	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832299	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832300	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832301, EPI_ISL_832302	DOHMH Chelsea	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832303, EPI_ISL_832304	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832305	DOHMH Riverside	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832306, EPI_ISL_832307, EPI_ISL_832308, EPI_ISL_832309, EPI_ISL_832310, EPI_ISL_832311	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832312	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832313, EPI_ISL_832314	DOHMH Chelsea	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832315, EPI_ISL_832316	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832317, EPI_ISL_832318, EPI_ISL_832319	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832320, EPI_ISL_832321, EPI_ISL_832322	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832323, EPI_ISL_832324	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832325	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832326	DOHMH Riverside	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832327	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832328, EPI_ISL_832329, EPI_ISL_832330	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832331, EPI_ISL_832332, EPI_ISL_832333, EPI_ISL_832334, EPI_ISL_832335	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832336, EPI_ISL_832337	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832338	DOHMH Crown Heights	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832339	DOHMH Riverside	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832340	DOHMH Crown Heights	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832341	DOHMH Chelsea	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832342, EPI_ISL_832343, EPI_ISL_832344, EPI_ISL_832345	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832346, EPI_ISL_832347, EPI_ISL_832348, EPI_ISL_832349, EPI_ISL_832350	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832351	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832352, EPI_ISL_832353	DOHMH PHL	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832354	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832355, EPI_ISL_832356	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832357, EPI_ISL_832358	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832359, EPI_ISL_832360	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832361	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832362, EPI_ISL_832363	DOHMH Chelsea	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_832375, EPI_ISL_832376, EPI_ISL_832377	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Department
EPI_ISL_832378	Ohio State	James Molecular Lab	Huolin Tu, Matthew R Avenarius, Laura Kubatko, Matthew Hunt, Xiaokang Pan, Peng Ru, Jason Garee, Keelie Thomas, Peter Mohler, Preeti Pancholi, Dan Jones
EPI_ISL_832379, EPI_ISL_832380, EPI_ISL_832381, EPI_ISL_832382, EPI_ISL_832383, EPI_ISL_832384, EPI_ISL_832385, EPI_ISL_832386, EPI_ISL_832387, EPI_ISL_832388, EPI_ISL_832389, EPI_ISL_832390, EPI_ISL_832391, EPI_ISL_832392, EPI_ISL_832393, EPI_ISL_832394, EPI_ISL_832395, EPI_ISL_832396, EPI_ISL_832397, EPI_ISL_832398, EPI_ISL_832399, EPI_ISL_832400, EPI_ISL_832401, EPI_ISL_832402, EPI_ISL_832403, EPI_ISL_832404			
see above	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Department
EPI_ISL_832405, EPI_ISL_832406, EPI_ISL_832407, EPI_ISL_832408, EPI_ISL_832409, EPI_ISL_832410, EPI_ISL_832411, EPI_ISL_832412, EPI_ISL_832413, EPI_ISL_832414, EPI_ISL_832415, EPI_ISL_832416, EPI_ISL_832417, EPI_ISL_832418, EPI_ISL_832419, EPI_ISL_832420, EPI_ISL_832421, EPI_ISL_832422, EPI_ISL_832423, EPI_ISL_832424, EPI_ISL_832425, EPI_ISL_832426, EPI_ISL_832427, EPI_ISL_832428, EPI_ISL_832429, EPI_ISL_832430, EPI_ISL_832431, EPI_ISL_832432, EPI_ISL_832433, EPI_ISL_832434, EPI_ISL_832435, EPI_ISL_832436, EPI_ISL_832437, EPI_ISL_832438, EPI_ISL_832439, EPI_ISL_832440, EPI_ISL_832441, EPI_ISL_832442, EPI_ISL_832443, EPI_ISL_832444, EPI_ISL_832445, EPI_ISL_832446, EPI_ISL_832447, EPI_ISL_832448, EPI_ISL_832449, EPI_ISL_832450, EPI_ISL_832451, EPI_ISL_832452, EPI_ISL_832453, EPI_ISL_832454, EPI_ISL_832455, EPI_ISL_832456, EPI_ISL_832457, EPI_ISL_832458, EPI_ISL_832459, EPI_ISL_832460, EPI_ISL_832461, EPI_ISL_832462, EPI_ISL_832463, EPI_ISL_832464, EPI_ISL_832465, EPI_ISL_832466, 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see above OHSU Lab Services Molecular Microbiology Lab Oregon SARS-CoV-2 Genome Sequencing Center Brendan L. O'Connell, Ruth V. Nichols, Sally Grindstaff, Alec J. Hirsch, Donna Hansel, Guang Fan, Daniel N. Streblow, William B. Messer, Andrew C. Adey, Benjamin N. Bimber, Brian J. O'Roak

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see above Maine HETL Tewhey Lab, The Jackson Laboratory Matluk,N., Dewey,H., Iosue,F., Barter,M., Lynch,R., Munger,H. and Tewhey,R.

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see above Microbiology Division, South Carolina Department of Health and Environmental Control (SC DHEC) Microbiology Division, South Carolina Department of Health and Environmental Control (SC DHEC) Flores,H., Freeman,J.

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see above St. Francis Medical Center Los Angeles County PHL P. Hemarajata et al.
EPI_ISL_833405, EPI_ISL_833406, Beverly Hospital Los Angeles County PHL P. Hemarajata et al.
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EPI_ISL_833413 City of Hope Comprehensive Cancer Center Los Angeles County PHL P. Hemarajata et al.
EPI_ISL_833414, EPI_ISL_833415, USC Clinical Lab Los Angeles County PHL P. Hemarajata et al.
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see above MD Laboratories Los Angeles County PHL P. Hemarajata et al.
EPI_ISL_833428, EPI_ISL_833429, UCLA Clinical Micro Lab Los Angeles County PHL P. Hemarajata et al.
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see above UW Virology Lab UW Virology Lab Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Meei-Li Huang, Keith R Jerome, Alexander Greninger
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see above Wyoming Public Health Laboratory Wyoming Public Health Laboratory Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Bailey Bowcutt, and Wanda Manley
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see above Maryland Public Health Laboratory Maryland Public Health Laboratory Maryland Department of Health Laboratories Administration
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see above Quest Diagnostics Quest Diagnostics Rosenthal,S.H., Gerasimova,A., Kagan,R.M., Anderson, B., Bernstein, L.E., Livingston, K.E., Hua, M., Liu Y., Shalhout, D.F., Shlyakhter, I.A., Owen, R., Lacbawan, F.

EPI_ISL_845754, EPI_ISL_845755, EPI_ISL_845756, EPI_ISL_845757, EPI_ISL_845758, EPI_ISL_845759, EPI_ISL_845760, EPI_ISL_845761, EPI_ISL_845762, EPI_ISL_845763, EPI_ISL_845764, EPI_ISL_845765, EPI_ISL_845766, EPI_ISL_845767, EPI_ISL_845768, EPI_ISL_845769, EPI_ISL_845770, EPI_ISL_845771, EPI_ISL_845772, EPI_ISL_845773, EPI_ISL_845774, EPI_ISL_845775, EPI_ISL_845776, EPI_ISL_845777, EPI_ISL_845778, EPI_ISL_845779, EPI_ISL_845780, EPI_ISL_845781, EPI_ISL_845782

see above Emory Molecular Diagnostics Laboratory, Emory Healthcare Piantadosi Lab, Emory Department of Pathology Ahmed Babiker, Anne Piantadosi
EPI_ISL_845783 Quest Diagnostics Quest Diagnostics Rosenthal,S.H., Gerasimova,A., Kagan,R.M., Anderson, B., Bernstein, L.E., Livingston, K.E., Hua, M., Liu Y., Shalhout, D.F., Shlyakhter, I.A., Owen, R., Lacbawan, F.

EPI_ISL_845809, EPI_ISL_845810, EPI_ISL_845811, EPI_ISL_845812, EPI_ISL_845813, EPI_ISL_845814, EPI_ISL_845815, EPI_ISL_845816, EPI_ISL_845817, EPI_ISL_845818, EPI_ISL_845819, EPI_ISL_845820, EPI_ISL_845821, EPI_ISL_845822, EPI_ISL_845823, EPI_ISL_845824, EPI_ISL_845825, EPI_ISL_845826, EPI_ISL_845827, EPI_ISL_845828, EPI_ISL_845829, EPI_ISL_845830, EPI_ISL_845831, EPI_ISL_845832, EPI_ISL_845833, EPI_ISL_845834, EPI_ISL_845835, EPI_ISL_845836, EPI_ISL_845837, EPI_ISL_845838, EPI_ISL_845839, EPI_ISL_845840, EPI_ISL_845841, EPI_ISL_845842, EPI_ISL_845843, EPI_ISL_845844, EPI_ISL_845845, EPI_ISL_845846, EPI_ISL_845847, EPI_ISL_845848, EPI_ISL_845849, EPI_ISL_845850, EPI_ISL_845851, EPI_ISL_845852, EPI_ISL_845853, EPI_ISL_845854, EPI_ISL_845855, EPI_ISL_845856, EPI_ISL_845857, EPI_ISL_845858, EPI_ISL_845859, EPI_ISL_845860, EPI_ISL_845861, EPI_ISL_845862, EPI_ISL_845863, EPI_ISL_845864, EPI_ISL_845865, EPI_ISL_845866, EPI_ISL_845867, EPI_ISL_845868, EPI_ISL_845869, EPI_ISL_845870, EPI_ISL_845871, EPI_ISL_845872, EPI_ISL_845873

see above TGen North TGen North Jolene Bowers, Megan Folkerts, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)

EPI_ISL_845891, EPI_ISL_845892 Benaroya Research Institute UW Virology Lab Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Michelle Lin, Meei-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_846599, EPI_ISL_846600, Ohio Department of Health Laboratory Ohio Department of Health Laboratory Holmes, Jennifer; Eric Brandt, Keoni Omura, Glen McGillivray, Caitlin McDonnell, Kirtana Ramadugu, Erica Leasure, Kelsey Florek, Heather Blankenship, Quanta Brown, and Tammy Bannerman
EPI_ISL_846628, EPI_ISL_846629,
EPI_ISL_846630, EPI_ISL_846651,

[illegible]

EPI_ISL_847745	California Department of Public Health	Chiu Laboratory, University of California, San Francisco	Charles Chiu, Xianding (Wayne) Deng, Candace Wang, Brian Bushnell, Scot Federman, Jill Hacker, Debra Wadford
EPI_ISL_847746, EPI_ISL_847747	Chiu Laboratory, University of California, San Francisco	Chiu Laboratory, University of California, San Francisco	Charles Chiu, Xianding (Wayne) Deng, Candace Wang, Brian Bushnell, Scot Federman, Jill Hacker, Debra Wadford
EPI_ISL_847748, EPI_ISL_847749, EPI_ISL_847750, EPI_ISL_847751, EPI_ISL_847752, EPI_ISL_847753, EPI_ISL_847754, EPI_ISL_847755, EPI_ISL_847756, EPI_ISL_847757, EPI_ISL_847758, EPI_ISL_847759, EPI_ISL_847760, EPI_ISL_847761, EPI_ISL_847762, EPI_ISL_847763, EPI_ISL_847764, EPI_ISL_847765, EPI_ISL_847766, EPI_ISL_847767, EPI_ISL_847768, EPI_ISL_847769, EPI_ISL_847770, EPI_ISL_847771, EPI_ISL_847772, EPI_ISL_847773, EPI_ISL_847774, EPI_ISL_847775, EPI_ISL_847776, EPI_ISL_847777, EPI_ISL_847778, EPI_ISL_847779, EPI_ISL_847780, EPI_ISL_847781			
see above	California Department of Public Health	Chiu Laboratory, University of California, San Francisco	Charles Chiu, Xianding (Wayne) Deng, Candace Wang, Brian Bushnell, Scot Federman, Jill Hacker, Debra Wadford
EPI_ISL_847782	Chiu Laboratory, University of California, San Francisco	Chiu Laboratory, University of California, San Francisco	Charles Chiu, Xianding (Wayne) Deng, Candace Wang, Brian Bushnell, Scot Federman, Jill Hacker, Debra Wadford
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see above	California Department of Public Health	Chiu Laboratory, University of California, San Francisco	Charles Chiu, Xianding (Wayne) Deng, Candace Wang, Brian Bushnell, Scot Federman, Jill Hacker, Debra Wadford
EPI_ISL_847819	Ohio Department of Health Laboratory	Ohio Department of Health Laboratory	Holmes, Jennifer; Eric Brandt, Keoni Omura, Glen McGillivray, Caitlin McDonnell, Kirtana Ramadugu, Erica Leasure, Kelsey Florek, Heather Blankenship, Quanta Brown, and Tammy Bannerman
EPI_ISL_847821, EPI_ISL_847822	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_847823, EPI_ISL_847824, EPI_ISL_847828	Ohio Department of Health Laboratory	Ohio Department of Health Laboratory	Holmes, Jennifer; Eric Brandt, Keoni Omura, Glen McGillivray, Caitlin McDonnell, Kirtana Ramadugu, Erica Leasure, Kelsey Florek, Heather Blankenship, Quanta Brown, and Tammy Bannerman
EPI_ISL_847829, EPI_ISL_847830	Tempus	Grubaugh Lab - Yale School of Public Health	Tara Alpert, Joseph Fauver, Anderson Brito, Mallery Breban, Anne Wyllie, Chantal Vogels, Mary Petrone, Chaney Kalinich, Isabel Ott, Nathan Grubaugh
EPI_ISL_847831, EPI_ISL_847832, EPI_ISL_847833	Yale New Haven Hospital	Grubaugh Lab - Yale School of Public Health	Tara Alpert, Joseph Fauver, Anderson Brito, Mallery Breban, Anne Wyllie, Chantal Vogels, Mary Petrone, Chaney Kalinich, Isabel Ott, Nathan Grubaugh
EPI_ISL_847834	Connecticut Department of Health	Grubaugh Lab - Yale School of Public Health	Tara Alpert, Joseph Fauver, Anderson Brito, Mallery Breban, Anne Wyllie, Chantal Vogels, Mary Petrone, Chaney Kalinich, Isabel Ott, Nathan Grubaugh
EPI_ISL_847835	Oak Ridge National Laboratory	Grubaugh Lab - Yale School of Public Health	Tara Alpert, Joseph Fauver, Anderson Brito, Mallery Breban, Anne Wyllie, Chantal Vogels, Mary Petrone, Chaney Kalinich, Isabel Ott, Nathan Grubaugh
EPI_ISL_847836	Tempus	Grubaugh Lab - Yale School of Public Health	Tara Alpert, Joseph Fauver, Anderson Brito, Mallery Breban, Anne Wyllie, Chantal Vogels, Mary Petrone, Chaney Kalinich, Isabel Ott, Nathan Grubaugh
EPI_ISL_847837	Yale New Haven Hospital	Grubaugh Lab - Yale School of Public Health	Tara Alpert, Joseph Fauver, Anderson Brito, Mallery Breban, Anne Wyllie, Chantal Vogels, Mary Petrone, Chaney Kalinich, Isabel Ott, Nathan Grubaugh
EPI_ISL_847838	Connecticut Department of Health	Grubaugh Lab - Yale School of Public Health	Tara Alpert, Joseph Fauver, Anderson Brito, Mallery Breban, Anne Wyllie, Chantal Vogels, Mary Petrone, Chaney Kalinich, Isabel Ott, Nathan Grubaugh
EPI_ISL_847839, EPI_ISL_847840	Tempus	Grubaugh Lab - Yale School of Public Health	Tara Alpert, Joseph Fauver, Anderson Brito, Mallery Breban, Anne Wyllie, Chantal Vogels, Mary Petrone, Chaney Kalinich, Isabel Ott, Nathan Grubaugh
EPI_ISL_847841	Yale New Haven Hospital	Grubaugh Lab - Yale School of Public Health	Tara Alpert, Joseph Fauver, Anderson Brito, Mallery Breban, Anne Wyllie, Chantal Vogels, Mary Petrone, Chaney Kalinich, Isabel Ott, Nathan Grubaugh
EPI_ISL_847842	Ohio Department of Health Laboratory	Ohio Department of Health Laboratory	Holmes, Jennifer; Eric Brandt, Keoni Omura, Glen McGillivray, Caitlin McDonnell, Kirtana Ramadugu, Erica Leasure, Kelsey Florek, Heather Blankenship, Quanta Brown, and Tammy Bannerman
EPI_ISL_847978, EPI_ISL_847979, EPI_ISL_847980, EPI_ISL_847981, EPI_ISL_847982, EPI_ISL_847983, EPI_ISL_847984, EPI_ISL_847985, EPI_ISL_847986, EPI_ISL_847987, EPI_ISL_847988, EPI_ISL_847989, EPI_ISL_847990, EPI_ISL_847991, EPI_ISL_847992, EPI_ISL_847993, EPI_ISL_847994, EPI_ISL_847995, EPI_ISL_847996, EPI_ISL_847997, EPI_ISL_847998, EPI_ISL_847999, EPI_ISL_848000, EPI_ISL_848001, EPI_ISL_848002, EPI_ISL_848003, EPI_ISL_848004, EPI_ISL_848005, EPI_ISL_848006, EPI_ISL_848007, EPI_ISL_848008, EPI_ISL_848009, EPI_ISL_848010, EPI_ISL_848011, EPI_ISL_848012, EPI_ISL_848013, EPI_ISL_848014, EPI_ISL_848015, EPI_ISL_848016, EPI_ISL_848017, EPI_ISL_848018, EPI_ISL_848019, EPI_ISL_848020, EPI_ISL_848021, EPI_ISL_848022, EPI_ISL_848023, EPI_ISL_848024, EPI_ISL_848025, EPI_ISL_848026, EPI_ISL_848027, EPI_ISL_848028, EPI_ISL_848029, EPI_ISL_848030, EPI_ISL_848031, EPI_ISL_848032, EPI_ISL_848033, EPI_ISL_848034, EPI_ISL_848035, EPI_ISL_848036, EPI_ISL_848037, EPI_ISL_848038, EPI_ISL_848039, EPI_ISL_848040, EPI_ISL_848041, EPI_ISL_848042, EPI_ISL_848043, EPI_ISL_848044, EPI_ISL_848045, EPI_ISL_848046, EPI_ISL_848047, EPI_ISL_848048, EPI_ISL_848049, EPI_ISL_848050, EPI_ISL_848051, EPI_ISL_848052, EPI_ISL_848053, EPI_ISL_848054, EPI_ISL_848055, EPI_ISL_848056, EPI_ISL_848057, EPI_ISL_848058, EPI_ISL_848059, EPI_ISL_848060, EPI_ISL_848061, EPI_ISL_848062			
see above	Michigan Department of Health and Human Services, Bureau of Laboratories	Michigan Department of Health and Human Services, Bureau of Laboratories	Blankenship HM, Riner D, Soehnlen MK
EPI_ISL_848069	Tulane Medical Center	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Ying Tao, Yan Li, Jing Zhang, Krista Queen, Anna Uehara, Peter Cook, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_848172, EPI_ISL_848173, EPI_ISL_848174, EPI_ISL_848175, EPI_ISL_848176, EPI_ISL_848177, EPI_ISL_848178, EPI_ISL_848179, EPI_ISL_848180, EPI_ISL_848181, EPI_ISL_848182, EPI_ISL_848183, EPI_ISL_848184, EPI_ISL_848185, EPI_ISL_848186, EPI_ISL_848187			
see above	North Dakota Department of Health, Public Health Laboratory	North Dakota Department of Health, Public Health Laboratory	Lisa Wingerter
EPI_ISL_848203, EPI_ISL_848204, EPI_ISL_848205, EPI_ISL_848206, EPI_ISL_848207, EPI_ISL_848208, EPI_ISL_848209, EPI_ISL_848210, EPI_ISL_848211, EPI_ISL_848212, EPI_ISL_848213, EPI_ISL_848214, EPI_ISL_848215, EPI_ISL_848216, EPI_ISL_848217, EPI_ISL_848218, EPI_ISL_848219, EPI_ISL_848220, EPI_ISL_848221, EPI_ISL_848222, EPI_ISL_848223, EPI_ISL_848224, EPI_ISL_848225, EPI_ISL_848226, EPI_ISL_848227, EPI_ISL_848228, EPI_ISL_848229, EPI_ISL_848230, EPI_ISL_848231, EPI_ISL_848232, EPI_ISL_848233, EPI_ISL_848234, EPI_ISL_848235, EPI_ISL_848236, EPI_ISL_848237, EPI_ISL_848238, EPI_ISL_848239, EPI_ISL_848240, EPI_ISL_848241, EPI_ISL_848242, EPI_ISL_848243, EPI_ISL_848244, EPI_ISL_848245, EPI_ISL_848246, EPI_ISL_848247, EPI_ISL_848248, EPI_ISL_848249, EPI_ISL_848250, EPI_ISL_848251, EPI_ISL_848252, EPI_ISL_848253, EPI_ISL_848254, EPI_ISL_848255, EPI_ISL_848256, EPI_ISL_848257, EPI_ISL_848258, EPI_ISL_848259, EPI_ISL_848260, EPI_ISL_848261, EPI_ISL_848262, EPI_ISL_848263, EPI_ISL_848264, 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see above	Illinois Department of Public Health	Gagnon Lab, Southern Illinois University	Keith Gagnon
EPI_ISL_848546, EPI_ISL_848547, EPI_ISL_848548, EPI_ISL_848549, EPI_ISL_848550, EPI_ISL_848551, EPI_ISL_848552, EPI_ISL_848553, EPI_ISL_848554	North Dakota Department of Health, Public Health Laboratory	North Dakota Department of Health, Public Health Laboratory	Lisa Wingerter
EPI_ISL_848630, EPI_ISL_848631, EPI_ISL_848632, EPI_ISL_848633	Montana Public Health Laboratory	Wyoming Public Health Laboratory	Noah Hull, Joy Ritter, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Bailey Bowcutt, Wanda Manley, Deborah Gibson
EPI_ISL_848634, EPI_ISL_848635, EPI_ISL_848636, EPI_ISL_848637, EPI_ISL_848638, EPI_ISL_848639, EPI_ISL_848640, EPI_ISL_848641	North Dakota Department of Health, Public Health Laboratory	North Dakota Department of Health, Public Health Laboratory	Lisa Wingerter
EPI_ISL_848642	Montana Public Health Laboratory	Wyoming Public Health Laboratory	Noah Hull, Joy Ritter, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Bailey Bowcutt, Wanda Manley, Deborah Gibson
EPI_ISL_848643, EPI_ISL_848644, EPI_ISL_848645, EPI_ISL_848646, EPI_ISL_848647, EPI_ISL_848648, EPI_ISL_848649, EPI_ISL_848650, EPI_ISL_848651, EPI_ISL_848652, EPI_ISL_848653, EPI_ISL_848654, EPI_ISL_848655, EPI_ISL_848656, EPI_ISL_848657, EPI_ISL_848658, EPI_ISL_848659, EPI_ISL_848660			

	see above	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton
EPI_ISL_849205, EPI_ISL_849206, EPI_ISL_849207, EPI_ISL_849208, EPI_ISL_849209, EPI_ISL_849210, EPI_ISL_849211, EPI_ISL_849212, EPI_ISL_849213, EPI_ISL_849214, EPI_ISL_849215, EPI_ISL_849216, EPI_ISL_849217, EPI_ISL_849218, EPI_ISL_849219, EPI_ISL_849220, EPI_ISL_849221, EPI_ISL_849222, EPI_ISL_849223, EPI_ISL_849224, EPI_ISL_849225, EPI_ISL_849226, EPI_ISL_849227, EPI_ISL_849228, EPI_ISL_849229, EPI_ISL_849230, EPI_ISL_849231, EPI_ISL_849232, EPI_ISL_849233, EPI_ISL_849234, EPI_ISL_849235, EPI_ISL_849236, EPI_ISL_849237, EPI_ISL_849238, EPI_ISL_849239, EPI_ISL_849240, EPI_ISL_849241, EPI_ISL_849242, EPI_ISL_849243, EPI_ISL_849244, EPI_ISL_849245, EPI_ISL_849246, EPI_ISL_849247, EPI_ISL_849248, EPI_ISL_849249, EPI_ISL_849250, EPI_ISL_849251, EPI_ISL_849252, EPI_ISL_849253, EPI_ISL_849254, EPI_ISL_849255, EPI_ISL_849256, EPI_ISL_849257, EPI_ISL_849258, EPI_ISL_849259, EPI_ISL_849260, EPI_ISL_849261, EPI_ISL_849262, EPI_ISL_849263, EPI_ISL_849264, EPI_ISL_849265, EPI_ISL_849266, EPI_ISL_849267, EPI_ISL_849268, EPI_ISL_849269, EPI_ISL_849270, EPI_ISL_849271, EPI_ISL_849272, EPI_ISL_849273, EPI_ISL_849274, EPI_ISL_849275, EPI_ISL_849276, EPI_ISL_849277, EPI_ISL_849278				
	see above	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin L. Young, Kelly F. Oakeson, Tara Gallagher
EPI_ISL_849322, EPI_ISL_849323, EPI_ISL_849324, EPI_ISL_849325, EPI_ISL_849326, EPI_ISL_849327, EPI_ISL_849328, EPI_ISL_849329, EPI_ISL_849330, EPI_ISL_849331, EPI_ISL_849332, EPI_ISL_849333, EPI_ISL_849334, EPI_ISL_849335, EPI_ISL_849336, EPI_ISL_849337, EPI_ISL_849338, EPI_ISL_849339, EPI_ISL_849340, EPI_ISL_849341, EPI_ISL_849342, EPI_ISL_849343, EPI_ISL_849344, EPI_ISL_849345, EPI_ISL_849346, EPI_ISL_849347, EPI_ISL_849348, EPI_ISL_849349				
	see above	Delaware Public Health Lab	Delaware Public Health Lab	Gregory Hovan
EPI_ISL_849383, EPI_ISL_849384, EPI_ISL_849385, EPI_ISL_849386, EPI_ISL_849387, EPI_ISL_849388, EPI_ISL_849389, EPI_ISL_849390, EPI_ISL_849391, EPI_ISL_849392, EPI_ISL_849393, EPI_ISL_849394, EPI_ISL_849395, EPI_ISL_849396, EPI_ISL_849397, EPI_ISL_849398, EPI_ISL_849399, EPI_ISL_849400, EPI_ISL_849401, EPI_ISL_849402, EPI_ISL_849403, EPI_ISL_849405, EPI_ISL_849406, EPI_ISL_849407				
	see above	Washington State Department of Health	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja 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_849408		Seattle Flu Study	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, 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
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	see above	Washington State Department of Health	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja 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_849424		Seattle Flu Study	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, 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
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EPI_ISL_849430		Seattle Flu Study	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, 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
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EPI_ISL_849440, EPI_ISL_849441, EPI_ISL_849442		Seattle Flu Study	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, 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_849443		Washington State Department of Health	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja 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_849444		Seattle Flu Study	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, 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
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see above EPI_ISL_849922 EPI_ISL_849923, EPI_ISL_849924, EPI_ISL_849925, EPI_ISL_849926, EPI_ISL_849927	Utah Public Health Laboratory Orange County Public Health Lab UCSF Clinical Microbiology Laboratory	Utah Public Health Laboratory Chan-Zuckerberg Biohub Chan-Zuckerberg Biohub	Erin L. Young, Kelly F. Oakeson, Tara Gallagher CZB Clichub Consortium CZB Clichub Consortium
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EPI_ISL_853648, EPI_ISL_853649	EPI_ISL_853648, EPI_ISL_853649	THE MARY IMOGENE BASSETT HOSPITAL	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
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Meleshko,D., Xu,D., Steel,P.A.D., Shemesh,A.J., Xiang,J., Thierry-Mieg,J., Thierry-Mieg,D., Schwartz,R.E., Iftner,A., Bezdán,D., Siple,J., Cong,L., Craney,A., Velu,P., Melnick,A.M., Hajirasouliha,I., Horner,S.M., Iftner,T., Salvatore,M., Loda,M., Westblade,L.F., Cushing,M., Levy,S., Wu,S., Tatonetti,N., Imielinski,M., Rennett,H., Mason,C.E.			
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EPI_ISL_855399, EPI_ISL_855400, EPI_ISL_855401	Chiu Laboratory, University of California, San Francisco	Chiu Laboratory, University of California, San Francisco	Charles Chiu, Xianding (Wayne) Deng, Candace Wang, Brian Bushnell, Scot Federman, Jill Hacker, Debra Wadford
EPI_ISL_856701, EPI_ISL_856702	Ohio Department of Health Laboratory	Ohio Department of Health Laboratory	Holmes, Jennifer; Eric Brandt, Keoni Omura, Glen McGillivray, Caitlin McDonnell, Kirtana Ramadugu, Erica Leasure, Kelsey Florek, Heather Blankenship, Quanta Brown, and Tammy Bannerman
EPI_ISL_856711	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Noah Hull, Kevin Libuit, Joel Sevinsky, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Bailey Bowcutt, and Wanda Manley
EPI_ISL_856755	Ohio Department of Health Laboratory	Ohio Department of Health Laboratory	Holmes, Jennifer; Eric Brandt, Keoni Omura, Glen McGillivray, Caitlin McDonnell, Kirtana Ramadugu, Erica Leasure, Kelsey Florek, Heather Blankenship, Quanta Brown, and Tammy Bannerman
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see above	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin L. Young, Kelly F. Oakeson, Tara Gallagher
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see above	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_856974, EPI_ISL_856975, EPI_ISL_856976, EPI_ISL_856977, EPI_ISL_856978, EPI_ISL_856979, EPI_ISL_856980, EPI_ISL_856981, EPI_ISL_856982, EPI_ISL_856983, EPI_ISL_856984, EPI_ISL_856985, EPI_ISL_856986, EPI_ISL_856987, EPI_ISL_856988, EPI_ISL_856989, EPI_ISL_856990, EPI_ISL_856991, EPI_ISL_856992, EPI_ISL_856993, EPI_ISL_856994, EPI_ISL_856995, EPI_ISL_856996, EPI_ISL_856997, EPI_ISL_856998, EPI_ISL_856999, EPI_ISL_857000, EPI_ISL_857001, EPI_ISL_857002, EPI_ISL_857003, EPI_ISL_857004, EPI_ISL_857005, EPI_ISL_857006, EPI_ISL_857007, EPI_ISL_857008, EPI_ISL_857009, EPI_ISL_857010, EPI_ISL_857011, EPI_ISL_857012, EPI_ISL_857013, EPI_ISL_857014, EPI_ISL_857015, EPI_ISL_857016, EPI_ISL_857017, EPI_ISL_857018, EPI_ISL_857019, EPI_ISL_857020, EPI_ISL_857021, EPI_ISL_857022, EPI_ISL_857023, EPI_ISL_857024, EPI_ISL_857025, EPI_ISL_857026, EPI_ISL_857027, EPI_ISL_857028, EPI_ISL_857029, EPI_ISL_857030, EPI_ISL_857031, EPI_ISL_857032, EPI_ISL_857033, EPI_ISL_857034, EPI_ISL_857035, EPI_ISL_857036, EPI_ISL_857037, EPI_ISL_857038, EPI_ISL_857039			
see above	The Ashley Laboratory, Stanford University	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_857043, EPI_ISL_857044, EPI_ISL_857045, EPI_ISL_857046, EPI_ISL_857047, EPI_ISL_857048, EPI_ISL_857049, EPI_ISL_857050	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_857056, EPI_ISL_857057, EPI_ISL_857058, EPI_ISL_857059, EPI_ISL_857060, EPI_ISL_857061, EPI_ISL_857062	OCME Office Of Chief Medical Examiner	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857063, EPI_ISL_857064, EPI_ISL_857065	DOHMH PHL	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857066	OCME Office Of Chief Medical Examiner	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857067	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857068	DOHMH PHL	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857069	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857070	DOHMH PHL	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857071	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857072	DOHMH PHL	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857073	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857074	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857075	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857076	DOHMH Chelsea	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857077, EPI_ISL_857078, EPI_ISL_857079, EPI_ISL_857080	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857081	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857082, EPI_ISL_857083, EPI_ISL_857084	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857085, EPI_ISL_857086	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857087, EPI_ISL_857088	DOHMH PHL	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857089	DOHMH Crown Heights	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857090	DOHMH Riverside	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857091	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857092	DOHMH Riverside	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857093	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857094	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857095	DOHMH Fort Greene	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857096	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857097	DOHMH Crown Heights	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857098, EPI_ISL_857099	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.

EPI_ISL_857100	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857101, EPI_ISL_857102, EPI_ISL_857103, EPI_ISL_857104, EPI_ISL_857105	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857106, EPI_ISL_857107, EPI_ISL_857108, EPI_ISL_857109, EPI_ISL_857110	DOHMH Chelsea	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857111	DOHMH Riverside	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857112, EPI_ISL_857113, EPI_ISL_857114, EPI_ISL_857115	DOHMH Fort Greene	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857116	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857117	DOHMH Chelsea	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857118	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857119	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857120	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857121	DOHMH PHL	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857122, EPI_ISL_857123, EPI_ISL_857124, EPI_ISL_857125	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857126	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857127, EPI_ISL_857128, EPI_ISL_857129	DOHMH PHL	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857130, EPI_ISL_857131	DOHMH Chelsea	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857132, EPI_ISL_857133	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857134	DOHMH PHL	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857135	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857136, EPI_ISL_857137, EPI_ISL_857138, EPI_ISL_857139	DOHMH Chelsea	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857140, EPI_ISL_857141	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857142	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857143, EPI_ISL_857144	DOHMH Riverside	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857145, EPI_ISL_857146, EPI_ISL_857147	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857148	DOHMH Fort Greene	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857149, EPI_ISL_857150, EPI_ISL_857151, EPI_ISL_857152	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857153	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857154, EPI_ISL_857155	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857156	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857157	DOHMH PHL	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857158	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857159, EPI_ISL_857160	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857161, EPI_ISL_857162	DOHMH PHL	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857163	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857164	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857165	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857166, EPI_ISL_857167	DOHMH Fort Greene	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857168	DOHMH Corona	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857169, EPI_ISL_857170, EPI_ISL_857171	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857172, EPI_ISL_857173	DOHMH Crown Heights	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857174, EPI_ISL_857175, EPI_ISL_857176, EPI_ISL_857177	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857178	DOHMH Riverside	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857179	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857180, EPI_ISL_857181, EPI_ISL_857182, EPI_ISL_857183	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857184	DOHMH Riverside	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857185	DOHMH PHL	New York City Public Health Laboratory	Jade Wang, et al.
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see above	Utah Public Health Laboratory, Utah Public Health Laboratory Infectious Disease submission group	Utah Public Health Laboratory, Utah Public Health Laboratory Infectious Disease submission group	Young,E.L., Oakeson,K.F., Gallagher,T.

