

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

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

Authors are sorted alphabetically.

Accession ID	Originating Laboratory	Submitting Laboratory	Authors
EPI_ISL_857349, EPI_ISL_857350, EPI_ISL_857351, EPI_ISL_857352, EPI_ISL_857353, EPI_ISL_857354, EPI_ISL_857355, EPI_ISL_857356, EPI_ISL_857357, EPI_ISL_857358, EPI_ISL_857359, EPI_ISL_857360, EPI_ISL_857361, EPI_ISL_857362, EPI_ISL_857363, EPI_ISL_857364, EPI_ISL_857365, EPI_ISL_857366, EPI_ISL_857367, EPI_ISL_857368, EPI_ISL_857369, EPI_ISL_857370, EPI_ISL_857371, EPI_ISL_857372, EPI_ISL_857373, EPI_ISL_857374, EPI_ISL_857375, EPI_ISL_857376, EPI_ISL_857377, EPI_ISL_857378, EPI_ISL_857379, EPI_ISL_857380, EPI_ISL_857381, EPI_ISL_857382, EPI_ISL_857383, EPI_ISL_857384, EPI_ISL_857385, EPI_ISL_857386, EPI_ISL_857387, EPI_ISL_857388, EPI_ISL_857389, EPI_ISL_857390, EPI_ISL_857391, EPI_ISL_857392, EPI_ISL_857393, EPI_ISL_857394			
see above	Texas Department of State Health Services (TXDSHS)	Texas Department of State Health Services (TXDSHS)	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_857396, EPI_ISL_857397, EPI_ISL_857398, EPI_ISL_857399, EPI_ISL_857400, EPI_ISL_857401, EPI_ISL_857402, EPI_ISL_857403, EPI_ISL_857404, EPI_ISL_857405, EPI_ISL_857406, EPI_ISL_857407, EPI_ISL_857408, EPI_ISL_857409, EPI_ISL_857410, EPI_ISL_857411, EPI_ISL_857412, EPI_ISL_857413, EPI_ISL_857414, EPI_ISL_857415, EPI_ISL_857416, EPI_ISL_857417, EPI_ISL_857418, EPI_ISL_857419, EPI_ISL_857420, EPI_ISL_857421, EPI_ISL_857422, EPI_ISL_857423, EPI_ISL_857424, EPI_ISL_857425, EPI_ISL_857426, EPI_ISL_857427, EPI_ISL_857428, EPI_ISL_857429, EPI_ISL_857430, EPI_ISL_857431, EPI_ISL_857432, EPI_ISL_857433, EPI_ISL_857434, EPI_ISL_857435, EPI_ISL_857436, EPI_ISL_857437, EPI_ISL_857438, EPI_ISL_857439, EPI_ISL_857440, EPI_ISL_857441, EPI_ISL_857442, EPI_ISL_857443, EPI_ISL_857444, EPI_ISL_857445, EPI_ISL_857446, EPI_ISL_857447, EPI_ISL_857448, EPI_ISL_857449, EPI_ISL_857450, EPI_ISL_857451, EPI_ISL_857452, EPI_ISL_857453, EPI_ISL_857454, EPI_ISL_857455, EPI_ISL_857456, EPI_ISL_857457, EPI_ISL_857458, EPI_ISL_857459, EPI_ISL_857460, EPI_ISL_857461, EPI_ISL_857462, EPI_ISL_857463, EPI_ISL_857464, EPI_ISL_857465			
see above	Maine HETL	Tewhey Lab, The Jackson Laboratory	Matluk,N., Dewey,H., Isoue,F., Barter,M., Lynch,R., Munger,H. and Tewhey,R.
EPI_ISL_860256, EPI_ISL_860258, EPI_ISL_860296, EPI_ISL_860549, EPI_ISL_860552, EPI_ISL_860710, EPI_ISL_860711, EPI_ISL_860714, EPI_ISL_860717, EPI_ISL_860718	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_860727, EPI_ISL_860728	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_860729, EPI_ISL_860791, EPI_ISL_860792, EPI_ISL_860793, EPI_ISL_860795, EPI_ISL_860796, EPI_ISL_860819	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_860932, EPI_ISL_860933, EPI_ISL_860934, EPI_ISL_860935, EPI_ISL_860936, EPI_ISL_860937, EPI_ISL_860938, EPI_ISL_860939, EPI_ISL_860940, EPI_ISL_860941, EPI_ISL_860942, EPI_ISL_860943, EPI_ISL_860944, EPI_ISL_860945, EPI_ISL_860946, EPI_ISL_860947, EPI_ISL_860948, EPI_ISL_860949, EPI_ISL_860950, EPI_ISL_860951, EPI_ISL_860952, EPI_ISL_860953, EPI_ISL_860954, EPI_ISL_860955, EPI_ISL_860956, EPI_ISL_860957, EPI_ISL_860958, EPI_ISL_860959, EPI_ISL_860960, EPI_ISL_860961, EPI_ISL_860962, EPI_ISL_860963, EPI_ISL_860964, EPI_ISL_860965, EPI_ISL_860966, EPI_ISL_860967, EPI_ISL_860968, EPI_ISL_860969, EPI_ISL_860970, EPI_ISL_860971, EPI_ISL_860972, EPI_ISL_860973, EPI_ISL_860974, EPI_ISL_860975, EPI_ISL_860976, EPI_ISL_860977, EPI_ISL_860978, EPI_ISL_860979, EPI_ISL_860980, EPI_ISL_860981, EPI_ISL_860982, EPI_ISL_860983, EPI_ISL_860984, EPI_ISL_860985, EPI_ISL_860986, EPI_ISL_860987, EPI_ISL_860988, EPI_ISL_860989, EPI_ISL_860990, EPI_ISL_860991, EPI_ISL_860992, EPI_ISL_860993, EPI_ISL_860994, EPI_ISL_860995, EPI_ISL_860996, EPI_ISL_860997, EPI_ISL_860998, EPI_ISL_860999, EPI_ISL_861000, EPI_ISL_861001, EPI_ISL_861002, EPI_ISL_861003, EPI_ISL_861004, EPI_ISL_861005, EPI_ISL_861006, EPI_ISL_861007, EPI_ISL_861008, EPI_ISL_861009, EPI_ISL_861010, EPI_ISL_861011, EPI_ISL_861012, EPI_ISL_861013, EPI_ISL_861014, EPI_ISL_861015, EPI_ISL_861016, EPI_ISL_861017, EPI_ISL_861018, EPI_ISL_861019, EPI_ISL_861020, EPI_ISL_861021, EPI_ISL_861022, EPI_ISL_861023, EPI_ISL_861024, EPI_ISL_861025, EPI_ISL_861026, EPI_ISL_861027, EPI_ISL_861028, EPI_ISL_861029, EPI_ISL_861030, EPI_ISL_861031, EPI_ISL_861032, EPI_ISL_861033, EPI_ISL_861034, EPI_ISL_861035, EPI_ISL_861036, EPI_ISL_861037, EPI_ISL_861038, EPI_ISL_861039, EPI_ISL_861040, EPI_ISL_861041, EPI_ISL_861042, EPI_ISL_861043, EPI_ISL_861044, EPI_ISL_861045, EPI_ISL_861046, EPI_ISL_861047, EPI_ISL_861048, EPI_ISL_861049, EPI_ISL_861050, EPI_ISL_861051, EPI_ISL_861052, EPI_ISL_861053, EPI_ISL_861054, EPI_ISL_861055, EPI_ISL_861056, EPI_ISL_861057, EPI_ISL_861058, EPI_ISL_861059, EPI_ISL_861060, EPI_ISL_861061, EPI_ISL_861062, EPI_ISL_861063, EPI_ISL_861064, EPI_ISL_861065, EPI_ISL_861066, EPI_ISL_861067, EPI_ISL_861068, EPI_ISL_861069, EPI_ISL_861070, EPI_ISL_861071, EPI_ISL_861072, EPI_ISL_861073, EPI_ISL_861074, EPI_ISL_861075, EPI_ISL_861076, EPI_ISL_861077, EPI_ISL_861078, EPI_ISL_861079, EPI_ISL_861080, EPI_ISL_861081, EPI_ISL_861082, EPI_ISL_861083, EPI_ISL_861084, EPI_ISL_861085, EPI_ISL_861086, EPI_ISL_861087, EPI_ISL_861088, EPI_ISL_861089, EPI_ISL_861090, EPI_ISL_861091, EPI_ISL_861092, EPI_ISL_861093, EPI_ISL_861094, EPI_ISL_861095, EPI_ISL_861096, EPI_ISL_861099, EPI_ISL_861100, EPI_ISL_861101, EPI_ISL_861102, EPI_ISL_861103, EPI_ISL_861104			
see above	Johns Hopkins Hospital Department of Pathology	Johns Hopkins Hospital Department of Pathology	C. Paul Morris, Chun Huai Luo, Adannaya Amadi, Nicholas Gallagher, Heba H. Mostafa
EPI_ISL_861105	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_861106, EPI_ISL_861107, EPI_ISL_861108	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_861109, EPI_ISL_861110, EPI_ISL_861111, EPI_ISL_861112, EPI_ISL_861113, EPI_ISL_861114	New York Presbyterian Hospital	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_861115, EPI_ISL_861116, EPI_ISL_861117	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_861118, EPI_ISL_861119, EPI_ISL_861120, EPI_ISL_861121, EPI_ISL_861122, EPI_ISL_861123, EPI_ISL_861124, EPI_ISL_861125, EPI_ISL_861126, EPI_ISL_861127, EPI_ISL_861128, EPI_ISL_861129, EPI_ISL_861130, EPI_ISL_861131, EPI_ISL_861132, EPI_ISL_861133			
see above	New York Presbyterian Hospital	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_861134	KALEIDA CENTER FOR LABORATORY MEDICINE	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_861135, EPI_ISL_861136, EPI_ISL_861137, EPI_ISL_861138, EPI_ISL_861139, EPI_ISL_861140, EPI_ISL_861141, EPI_ISL_861142, EPI_ISL_861143	ADIRONDACK MEDICAL CENTER	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_861144, EPI_ISL_861145, EPI_ISL_861146, EPI_ISL_861147, EPI_ISL_861148, EPI_ISL_861149, EPI_ISL_861150, EPI_ISL_861151, EPI_ISL_861152, EPI_ISL_861153, EPI_ISL_861154, EPI_ISL_861155, EPI_ISL_861156, EPI_ISL_861157, EPI_ISL_861158, EPI_ISL_861159, EPI_ISL_861160, EPI_ISL_861161, EPI_ISL_861162, EPI_ISL_861163, EPI_ISL_861164, EPI_ISL_861165, EPI_ISL_861166, EPI_ISL_861167, EPI_ISL_861168, EPI_ISL_861169, EPI_ISL_861170, EPI_ISL_861171, EPI_ISL_861172, EPI_ISL_861173, EPI_ISL_861174			
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_861175, EPI_ISL_861176, EPI_ISL_861177, EPI_ISL_861178, EPI_ISL_861179, EPI_ISL_861180, EPI_ISL_861181, EPI_ISL_861182	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_861183, EPI_ISL_861184	URMC LABS	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_861185	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_861186	NORTH SHORE UNIVERSITY HOSPITAL	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider,

EPI_ISL_861187	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_861188, EPI_ISL_861189, EPI_ISL_861190, EPI_ISL_861191, EPI_ISL_861192, EPI_ISL_861193, EPI_ISL_861194, EPI_ISL_861195, EPI_ISL_861196, EPI_ISL_861197, EPI_ISL_861198			
see above	NORTH SHORE UNIVERSITY HOSPITAL	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_861199, EPI_ISL_861200, EPI_ISL_861201, EPI_ISL_861202, EPI_ISL_861203, EPI_ISL_861204, EPI_ISL_861205, EPI_ISL_861206, EPI_ISL_861207, EPI_ISL_861208, EPI_ISL_861209			
see above	URMC LABS	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_861210, EPI_ISL_861211, EPI_ISL_861212, EPI_ISL_861213, EPI_ISL_861214, EPI_ISL_861215, EPI_ISL_861216, EPI_ISL_861217, EPI_ISL_861218, EPI_ISL_861219, EPI_ISL_861220, EPI_ISL_861221, EPI_ISL_861222, EPI_ISL_861223, EPI_ISL_861224, EPI_ISL_861225, EPI_ISL_861226, EPI_ISL_861227, EPI_ISL_861228, EPI_ISL_861229, EPI_ISL_861230, EPI_ISL_861231, EPI_ISL_861232			
see above	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_861233, EPI_ISL_861240, EPI_ISL_861241, EPI_ISL_861243	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_861244, EPI_ISL_861245, EPI_ISL_861246, EPI_ISL_861247, EPI_ISL_861248, EPI_ISL_861249, EPI_ISL_861250, EPI_ISL_861251, EPI_ISL_861252, EPI_ISL_861253, EPI_ISL_861254, EPI_ISL_861255, EPI_ISL_861256, EPI_ISL_861257, EPI_ISL_861258, EPI_ISL_861259, EPI_ISL_861260, EPI_ISL_861261, EPI_ISL_861262, EPI_ISL_861263, EPI_ISL_861264, EPI_ISL_861265, EPI_ISL_861266, EPI_ISL_861267, EPI_ISL_861268, EPI_ISL_861269, EPI_ISL_861270, EPI_ISL_861271, EPI_ISL_861272, EPI_ISL_861273, EPI_ISL_861274, EPI_ISL_861275, EPI_ISL_861276, EPI_ISL_861277, EPI_ISL_861278, EPI_ISL_861279, EPI_ISL_861280, EPI_ISL_861281, EPI_ISL_861282, EPI_ISL_861283, EPI_ISL_861284, EPI_ISL_861285, EPI_ISL_861286, EPI_ISL_861287, EPI_ISL_861288, EPI_ISL_861289, EPI_ISL_861290, EPI_ISL_861291, EPI_ISL_861292, EPI_ISL_861293, EPI_ISL_861294, EPI_ISL_861295, EPI_ISL_861296, EPI_ISL_861297, EPI_ISL_861298, EPI_ISL_861299, EPI_ISL_861300, EPI_ISL_861301, EPI_ISL_861302, EPI_ISL_861303, EPI_ISL_861304, EPI_ISL_861305, EPI_ISL_861306, EPI_ISL_861307, EPI_ISL_861308, EPI_ISL_861309, EPI_ISL_861310, EPI_ISL_861311, EPI_ISL_861312, EPI_ISL_861313, EPI_ISL_861314, EPI_ISL_861315, EPI_ISL_861316, EPI_ISL_861317, EPI_ISL_861318, EPI_ISL_861319, EPI_ISL_861320, EPI_ISL_861321, EPI_ISL_861322, EPI_ISL_861323, EPI_ISL_861324, EPI_ISL_861325, EPI_ISL_861326, EPI_ISL_861327, EPI_ISL_861328, EPI_ISL_861329, EPI_ISL_861330, EPI_ISL_861331			
see above	MONTEFIORE MEDICAL CENTER LABORATORIES	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_861332	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_861333, EPI_ISL_861334, EPI_ISL_861335, EPI_ISL_861336, EPI_ISL_861337, EPI_ISL_861338, EPI_ISL_861339, EPI_ISL_861340, EPI_ISL_861341, EPI_ISL_861342, EPI_ISL_861343, EPI_ISL_861344, EPI_ISL_861345, EPI_ISL_861346, EPI_ISL_861347, EPI_ISL_861348, EPI_ISL_861349, EPI_ISL_861350, EPI_ISL_861351, EPI_ISL_861352, EPI_ISL_861353, EPI_ISL_861354, EPI_ISL_861355, EPI_ISL_861356, EPI_ISL_861357, EPI_ISL_861358, EPI_ISL_861359, EPI_ISL_861360, EPI_ISL_861361, EPI_ISL_861362, EPI_ISL_861363, EPI_ISL_861364, EPI_ISL_861365, EPI_ISL_861366, EPI_ISL_861367, EPI_ISL_861368, EPI_ISL_861369, EPI_ISL_861370, EPI_ISL_861371, EPI_ISL_861372, EPI_ISL_861373, EPI_ISL_861374, EPI_ISL_861375, EPI_ISL_861376, EPI_ISL_861377, EPI_ISL_861378, EPI_ISL_861379, EPI_ISL_861380, EPI_ISL_861381, EPI_ISL_861382, EPI_ISL_861383, EPI_ISL_861384, EPI_ISL_861385, EPI_ISL_861386, EPI_ISL_861387, EPI_ISL_861388, EPI_ISL_861389, EPI_ISL_861390, EPI_ISL_861391, EPI_ISL_861392, EPI_ISL_861393, EPI_ISL_861394, EPI_ISL_861395, EPI_ISL_861396, EPI_ISL_861397, EPI_ISL_861398, EPI_ISL_861399, EPI_ISL_861400, EPI_ISL_861401, EPI_ISL_861402, EPI_ISL_861403, EPI_ISL_861404, EPI_ISL_861405, EPI_ISL_861406, EPI_ISL_861407, EPI_ISL_861408, EPI_ISL_861409, EPI_ISL_861410, EPI_ISL_861411, EPI_ISL_861412			
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 Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_861413, EPI_ISL_861414, EPI_ISL_861415, EPI_ISL_861416, EPI_ISL_861417, EPI_ISL_861418	NORTH SHORE UNIVERSITY HOSPITAL	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_861422, EPI_ISL_861423, EPI_ISL_861424, EPI_ISL_861425, EPI_ISL_861426	Oklahoma Animal Disease Diagnostic Laboratory	Oklahoma Animal Disease Diagnostic Laboratory	Sai Narayanan, Girish Patil, Sunil More, Jeremiah Saliki, Akhilesh Ramachandran
EPI_ISL_861427, EPI_ISL_861428, EPI_ISL_861429, EPI_ISL_861430, EPI_ISL_861431, EPI_ISL_861432	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_861433, EPI_ISL_861434	Ohio State University	James Molecular Laboratory	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_861439, EPI_ISL_861441, EPI_ISL_861442	The Ohio State University	James Molecular Laboratory	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_861443, EPI_ISL_861444, EPI_ISL_861445, EPI_ISL_861446, EPI_ISL_861447, EPI_ISL_861448, EPI_ISL_861449, EPI_ISL_861450, EPI_ISL_861451, EPI_ISL_861452, EPI_ISL_861453, EPI_ISL_861454, EPI_ISL_861455			
see above	Clinical Molecular Microbiology Laboratory, UNC Hospitals	Jeremy Wang	Jeremy Wang, Alexander Rubinstein, Colleen Rice, Jason Smedberg, Melissa Miller, Corbin Jones, Robert Hagan
EPI_ISL_861472, EPI_ISL_861473, EPI_ISL_861474, EPI_ISL_861475	Gundersen Molecular Diagnostics Laboratory	Kabara Cancer Research Institute	Craig S. Richmond, Paraic A. Kenny
EPI_ISL_861476, EPI_ISL_861477, EPI_ISL_861478, EPI_ISL_861479, EPI_ISL_861480, EPI_ISL_861482, EPI_ISL_861483, EPI_ISL_861484, EPI_ISL_861485, EPI_ISL_861486, EPI_ISL_861487			
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_861686, EPI_ISL_861687, EPI_ISL_861688, EPI_ISL_861689, EPI_ISL_861690, EPI_ISL_861691, EPI_ISL_861692, EPI_ISL_861693, EPI_ISL_861694, EPI_ISL_861695, EPI_ISL_861696, EPI_ISL_861697, EPI_ISL_861698, EPI_ISL_861699			
see above	Los Angeles County PHL	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_861700, EPI_ISL_861701, EPI_ISL_861702, EPI_ISL_861703	MD Laboratories	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_861704, EPI_ISL_861705, EPI_ISL_861706	UCLA Clinical Micro Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_861730, EPI_ISL_861731	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Michelle Lin, Meei-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_861732, EPI_ISL_861733	Tempus	Grubaugh Lab - Yale School of Public Health	Tara Alpert, Joseph Fauver, Anderson Brito, Mallery Breban, Anne Wyllie, Chantal Vogels, Mary Petrone, Annie Watkins, Chaney Kalinich, Isabel Ott, Nathan Grubaugh
EPI_ISL_861734	Yale Pathology Lab	Grubaugh Lab - Yale School of Public Health	Tara Alpert, Joseph Fauver, Chen Liu, Pei Hui, Jianhui Wang, Susan Bell and Han Zhou, Anderson Brito, Mallery Breban, Anne Wyllie, Chantal Vogels, Mary Petrone, Chaney Kalinich, Isabel Ott, Arnau Casanovas, Catherine Muenker, Adam Moore, Alice Lu, Maria Tokuyama, Patrick Wong, Peiwen Lu, Saad Omer, Richard Martinello, Allison Nelson, Shelli Farhadian, Akiko Iwasaki, Charlese Dela Cruz, Albert Ko, Nathan Grubaugh
EPI_ISL_861735	Tempus	Grubaugh Lab - Yale School of Public Health	Tara Alpert, Joseph Fauver, Anderson Brito, Mallery Breban, Anne Wyllie, Chantal Vogels, Mary Petrone, Annie Watkins, Chaney Kalinich, Isabel Ott, Nathan Grubaugh
EPI_ISL_861736	Yale Pathology Lab	Grubaugh Lab - Yale School of Public Health	Tara Alpert, Joseph Fauver, Chen Liu, Pei Hui, Jianhui Wang, Susan Bell and Han Zhou, Anderson Brito, Mallery Breban, Anne Wyllie, Chantal Vogels, Mary Petrone, Chaney Kalinich, Isabel Ott, Arnau Casanovas, Catherine Muenker, Adam Moore, Alice Lu, Maria Tokuyama, Patrick Wong, Peiwen Lu, Saad Omer, Richard Martinello, Allison Nelson, Shelli Farhadian, Akiko Iwasaki, Charlese Dela Cruz, Albert Ko, Nathan Grubaugh
EPI_ISL_861737, EPI_ISL_861738, EPI_ISL_861739, EPI_ISL_861740, EPI_ISL_861741, EPI_ISL_861742, EPI_ISL_861743, EPI_ISL_861744	Tempus	Grubaugh Lab - Yale School of Public Health	Tara Alpert, Joseph Fauver, Anderson Brito, Mallery Breban, Anne Wyllie, Chantal Vogels, Mary Petrone, Annie Watkins, Chaney Kalinich, Isabel Ott, Nathan Grubaugh
EPI_ISL_861745	Yale Pathology Lab	Grubaugh Lab - Yale School of Public Health	Tara Alpert, Joseph Fauver, Chen Liu, Pei Hui, Jianhui Wang, Susan Bell and Han Zhou, Anderson Brito, Mallery Breban, Anne Wyllie, Chantal Vogels,

EPI_ISL_861746, EPI_ISL_861747, EPI_ISL_861748, EPI_ISL_861749	Tempus	Grubaugh Lab - Yale School of Public Health	Mary Petrone, Chaney Kalinich, Isabel Ott, Arnau Casanovas, Catherine Muenker, Adam Moore, Alice Lu, Maria Tokuyama, Patrick Wong, Peiwen Lu, Saad Omer, Richard Martinello, Allison Nelson, Shelli Farhadian, Akiko Iwasaki, Charlese Dela Cruz, Albert Ko, Nathan Grubaugh
EPI_ISL_861750	Yale Clinical Virology Lab	Grubaugh Lab - Yale School of Public Health	Tara Alpert, Joseph Fauver, Anderson Brito, Mallery Breban, Anne Wyllie, Chantal Vogels, Mary Petrone, Annie Watkins, Chaney Kalinich, Isabel Ott, Nathan Grubaugh
EPI_ISL_861751	Tempus	Grubaugh Lab - Yale School of Public Health	Tara Alpert, Joseph Fauver, Anderson Brito, Mallery Breban, Anne Wyllie, Chantal Vogels, Mary Petrone, Annie Watkins, Chaney Kalinich, Isabel Ott, Nathan Grubaugh
EPI_ISL_861752, EPI_ISL_861753	Yale Clinical Virology Lab	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_861754, EPI_ISL_861755, EPI_ISL_861756, EPI_ISL_861757	Tempus	Grubaugh Lab - Yale School of Public Health	Tara Alpert, Joseph Fauver, Anderson Brito, Mallery Breban, Anne Wyllie, Chantal Vogels, Mary Petrone, Annie Watkins, Chaney Kalinich, Isabel Ott, Nathan Grubaugh
EPI_ISL_861758	Murphy Medical Associates	Grubaugh Lab - Yale School of Public Health	Tara Alpert, Joseph Fauver, Anderson Brito, Mallery Breban, Anne Wyllie, Chantal Vogels, Mary Petrone, Annie Watkins, Chaney Kalinich, Isabel Ott, Nathan Grubaugh
EPI_ISL_861759, EPI_ISL_861760, EPI_ISL_861761, EPI_ISL_861762, EPI_ISL_861763	Tempus	Grubaugh Lab - Yale School of Public Health	Tara Alpert, Joseph Fauver, Anderson Brito, Mallery Breban, Anne Wyllie, Chantal Vogels, Mary Petrone, Annie Watkins, Chaney Kalinich, Isabel Ott, Nathan Grubaugh
EPI_ISL_861764	Yale Pathology Lab	Grubaugh Lab - Yale School of Public Health	Tara Alpert, Joseph Fauver, Chen Liu, Pei Hui, Jianhui Wang, Susan Bell and Han Zhou, Anderson Brito, Mallery Breban, Anne Wyllie, Chantal Vogels, Mary Petrone, Chaney Kalinich, Isabel Ott, Arnau Casanovas, Catherine Muenker, Adam Moore, Alice Lu, Maria Tokuyama, Patrick Wong, Peiwen Lu, Saad Omer, Richard Martinello, Allison Nelson, Shelli Farhadian, Akiko Iwasaki, Charlese Dela Cruz, Albert Ko, Nathan Grubaugh
EPI_ISL_861765, EPI_ISL_861766	Tempus	Grubaugh Lab - Yale School of Public Health	Tara Alpert, Joseph Fauver, Anderson Brito, Mallery Breban, Anne Wyllie, Chantal Vogels, Mary Petrone, Annie Watkins, Chaney Kalinich, Isabel Ott, Nathan Grubaugh
EPI_ISL_861767, EPI_ISL_861768	Yale Pathology Lab	Grubaugh Lab - Yale School of Public Health	Tara Alpert, Joseph Fauver, Chen Liu, Pei Hui, Jianhui Wang, Susan Bell and Han Zhou, Anderson Brito, Mallery Breban, Anne Wyllie, Chantal Vogels, Mary Petrone, Chaney Kalinich, Isabel Ott, Arnau Casanovas, Catherine Muenker, Adam Moore, Alice Lu, Maria Tokuyama, Patrick Wong, Peiwen Lu, Saad Omer, Richard Martinello, Allison Nelson, Shelli Farhadian, Akiko Iwasaki, Charlese Dela Cruz, Albert Ko, Nathan Grubaugh
EPI_ISL_861769	Tempus	Grubaugh Lab - Yale School of Public Health	Tara Alpert, Joseph Fauver, Anderson Brito, Mallery Breban, Anne Wyllie, Chantal Vogels, Mary Petrone, Annie Watkins, Chaney Kalinich, Isabel Ott, Nathan Grubaugh
EPI_ISL_861770	Yale Pathology Lab	Grubaugh Lab - Yale School of Public Health	Tara Alpert, Joseph Fauver, Chen Liu, Pei Hui, Jianhui Wang, Susan Bell and Han Zhou, Anderson Brito, Mallery Breban, Anne Wyllie, Chantal Vogels, Mary Petrone, Chaney Kalinich, Isabel Ott, Arnau Casanovas, Catherine Muenker, Adam Moore, Alice Lu, Maria Tokuyama, Patrick Wong, Peiwen Lu, Saad Omer, Richard Martinello, Allison Nelson, Shelli Farhadian, Akiko Iwasaki, Charlese Dela Cruz, Albert Ko, Nathan Grubaugh
EPI_ISL_861771	Yale Clinical Virology Lab	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_861772	Tempus	Grubaugh Lab - Yale School of Public Health	Tara Alpert, Joseph Fauver, Anderson Brito, Mallery Breban, Anne Wyllie, Chantal Vogels, Mary Petrone, Annie Watkins, Chaney Kalinich, Isabel Ott, Nathan Grubaugh
EPI_ISL_861916, EPI_ISL_861917, EPI_ISL_861918, EPI_ISL_861919, EPI_ISL_861920, EPI_ISL_861921, EPI_ISL_861922, EPI_ISL_861923, EPI_ISL_861924, EPI_ISL_861925, EPI_ISL_861926, EPI_ISL_861927, EPI_ISL_861928, EPI_ISL_861929, EPI_ISL_861930, EPI_ISL_861931, EPI_ISL_861932, EPI_ISL_861933, EPI_ISL_861934, EPI_ISL_861935, EPI_ISL_861936, EPI_ISL_861937, EPI_ISL_861938, EPI_ISL_861939, EPI_ISL_861940, EPI_ISL_861941, EPI_ISL_861942, EPI_ISL_861943, EPI_ISL_861944, EPI_ISL_861945, EPI_ISL_861946, EPI_ISL_861947, EPI_ISL_861948, EPI_ISL_861949, EPI_ISL_861950, EPI_ISL_861951, EPI_ISL_861952, EPI_ISL_861953, EPI_ISL_861954, EPI_ISL_861955, EPI_ISL_861956, EPI_ISL_861957, EPI_ISL_861958, EPI_ISL_861959, EPI_ISL_861960, EPI_ISL_861961, EPI_ISL_861962, EPI_ISL_861963, EPI_ISL_861964, EPI_ISL_861965, EPI_ISL_861966, EPI_ISL_861967, EPI_ISL_861968, EPI_ISL_861969, EPI_ISL_861970, EPI_ISL_861971, EPI_ISL_861972, EPI_ISL_861973, EPI_ISL_861974, EPI_ISL_861975, EPI_ISL_861976, EPI_ISL_861977, EPI_ISL_861978, EPI_ISL_861979, EPI_ISL_861980, EPI_ISL_861981, EPI_ISL_861982, EPI_ISL_861983, EPI_ISL_861984, EPI_ISL_861985, EPI_ISL_861986, EPI_ISL_861987, EPI_ISL_861988, EPI_ISL_861989, EPI_ISL_861990, EPI_ISL_861991, EPI_ISL_861992, EPI_ISL_861993, EPI_ISL_861994, EPI_ISL_861995, EPI_ISL_861996, EPI_ISL_861997, EPI_ISL_861998, EPI_ISL_861999, EPI_ISL_862000, EPI_ISL_862001, EPI_ISL_862002, EPI_ISL_862003, EPI_ISL_862004, EPI_ISL_862005, EPI_ISL_862006, EPI_ISL_862007, EPI_ISL_862008, EPI_ISL_862009, EPI_ISL_862010, EPI_ISL_862011, EPI_ISL_862012, EPI_ISL_862013, EPI_ISL_862014, EPI_ISL_862015, EPI_ISL_862016, EPI_ISL_862017, EPI_ISL_862018, EPI_ISL_862019, EPI_ISL_862020, EPI_ISL_862021, EPI_ISL_862022, EPI_ISL_862023, EPI_ISL_862024, EPI_ISL_862025, EPI_ISL_862026, EPI_ISL_862027, EPI_ISL_862028, EPI_ISL_862029, EPI_ISL_862030, EPI_ISL_862031, EPI_ISL_862032, EPI_ISL_862033, EPI_ISL_862034, EPI_ISL_862035	OHSU Lab Services Molecular Microbiology Lab	Oregon SARS-CoV-2 Genome Sequencing Center	Brendan L. O'Connell, Sally Grindstaff, Kayla Carter, Ruth V. Nichols, Alec J. Hirsch, Donna Hansel, Guang Fan, Xuan Qin, Daniel N. Streblow, William B. Messer, Andrew C. Adey, Benjamin N. Bimber, Brian J. O'Roak
EPI_ISL_862036, EPI_ISL_862037, EPI_ISL_862038	Johns Hopkins Hospital Department of Pathology	Johns Hopkins Hospital Department of Pathology	C. Paul Morris, Chun Huai Luo, Adannaya Amadi, Matthew Schwartz, Nicholas Gallagher, Heba H. Mostafa
EPI_ISL_862121	MD Laboratories	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_862122, EPI_ISL_862123	UCLA Clinical Micro Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_862665, EPI_ISL_862666, EPI_ISL_862667, EPI_ISL_862668	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_862669, EPI_ISL_862670, EPI_ISL_862671, EPI_ISL_862672, EPI_ISL_862673, EPI_ISL_862674, EPI_ISL_862675, EPI_ISL_862676, EPI_ISL_862677, EPI_ISL_862678, EPI_ISL_862679, EPI_ISL_862680, EPI_ISL_862681, EPI_ISL_862682, EPI_ISL_862683, EPI_ISL_862684, EPI_ISL_862685, EPI_ISL_862686, EPI_ISL_862687, EPI_ISL_862688, EPI_ISL_862689, EPI_ISL_862690, EPI_ISL_862691, EPI_ISL_862692, EPI_ISL_862693, EPI_ISL_862694, EPI_ISL_862695, EPI_ISL_862696, EPI_ISL_862697, EPI_ISL_862698, EPI_ISL_862699, EPI_ISL_862700, EPI_ISL_862701, EPI_ISL_862702, EPI_ISL_862703, EPI_ISL_862704, EPI_ISL_862705, EPI_ISL_862706, EPI_ISL_862707, EPI_ISL_862708, EPI_ISL_862709, EPI_ISL_862710, EPI_ISL_862711, EPI_ISL_862712, EPI_ISL_862713	New Mexico Department of Health Scientific Laboratory	New Mexico Department of Health Scientific Laboratory	D'eldra Malone, Ellie Johnson, Anastacia Griego-Fisher
EPI_ISL_862714, EPI_ISL_862715	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_862722, EPI_ISL_862723	San Diego County Public Health Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Tracy Basler, Jovan Shephard, Brett Austin
EPI_ISL_869079, EPI_ISL_869080, EPI_ISL_869081	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_869167, EPI_ISL_869168, EPI_ISL_869169, EPI_ISL_869170, EPI_ISL_869171, EPI_ISL_869172, EPI_ISL_869173, EPI_ISL_869174, EPI_ISL_869175, EPI_ISL_869176, EPI_ISL_869177, EPI_ISL_869178, EPI_ISL_869179, EPI_ISL_869180, EPI_ISL_869181, EPI_ISL_869182, EPI_ISL_869183, EPI_ISL_869184, EPI_ISL_869185, EPI_ISL_869186, EPI_ISL_869187, EPI_ISL_869188, EPI_ISL_869189, EPI_ISL_869190, EPI_ISL_869191, EPI_ISL_869192, EPI_ISL_869193, EPI_ISL_869194, EPI_ISL_869195, EPI_ISL_869196, EPI_ISL_869197, EPI_ISL_869198, EPI_ISL_869199, EPI_ISL_869200, EPI_ISL_869201, EPI_ISL_869202, EPI_ISL_869203, EPI_ISL_869204, EPI_ISL_869205, EPI_ISL_869206, EPI_ISL_869207, EPI_ISL_869208, EPI_ISL_869209, EPI_ISL_869210, EPI_ISL_869211, EPI_ISL_869212, EPI_ISL_869213, EPI_ISL_869214, EPI_ISL_869215, EPI_ISL_869216, EPI_ISL_869217, EPI_ISL_869218, EPI_ISL_869219, EPI_ISL_869220, EPI_ISL_869221, EPI_ISL_869222, EPI_ISL_869223, EPI_ISL_869224, EPI_ISL_869225, EPI_ISL_869226, EPI_ISL_869227, EPI_ISL_869228, EPI_ISL_869229, EPI_ISL_869230, EPI_ISL_869231, EPI_ISL_869232, EPI_ISL_869233, EPI_ISL_869234, EPI_ISL_869235, EPI_ISL_869236, EPI_ISL_869237, EPI_ISL_869238, EPI_ISL_869239	New Mexico Department of Health Scientific Laboratory	Center for Global Health, University of New Mexico Health Sciences Center	Daryl Domman, Kurt Schwalm, Twila Kunde, Joseph Hicks, Anastacia Griego, Michael Edwards, Darrell Dinwiddie
EPI_ISL_870065	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_870315, EPI_ISL_870317, EPI_ISL_870319, EPI_ISL_870321, EPI_ISL_870322	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_871325, EPI_ISL_871788, EPI_ISL_871791, EPI_ISL_871816	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_871817	Eurofins Diatherix	Hudsonalpha Genome Sequencing Center	Jane Grimwood, Melissa Williams, Lori H. Handley, Joshua Stough, Leslie Malone, Stefan Brzezinski, Ada Stewart, Teresa Jones, Jenell Webber, John T. Lovell, Jennifer Cart, and Jeremy Schmutz
EPI_ISL_871818, EPI_ISL_871819	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_871840, EPI_ISL_871841, EPI_ISL_871842, EPI_ISL_871843, EPI_ISL_871844, EPI_ISL_871845, EPI_ISL_871846, EPI_ISL_871847, EPI_ISL_871848, EPI_ISL_871849, EPI_ISL_871850, EPI_ISL_871851, EPI_ISL_871852, EPI_ISL_871853, EPI_ISL_871854, EPI_ISL_871855, EPI_ISL_871856, EPI_ISL_871857, EPI_ISL_871858, EPI_ISL_871859, EPI_ISL_871860, EPI_ISL_871861, EPI_ISL_871862, EPI_ISL_871863, EPI_ISL_871864, EPI_ISL_871865, EPI_ISL_871866, EPI_ISL_871867, EPI_ISL_871868, EPI_ISL_871869, EPI_ISL_871870, EPI_ISL_871871, EPI_ISL_871873, EPI_ISL_871874, EPI_ISL_871875, EPI_ISL_871877, EPI_ISL_871878	see above	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory
EPI_ISL_871965, EPI_ISL_871966, EPI_ISL_871967, EPI_ISL_871968, EPI_ISL_871969		Ohio Department of Health Laboratory	Ohio Department of Health Laboratory
			Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Bailey Bowcutt, and Wanda Manley
EPI_ISL_871970, EPI_ISL_871971, EPI_ISL_871999, EPI_ISL_872001, EPI_ISL_872094, EPI_ISL_872096, EPI_ISL_872156, EPI_ISL_872157, EPI_ISL_872158, EPI_ISL_872159, EPI_ISL_872160, EPI_ISL_872161, EPI_ISL_872162, EPI_ISL_872163, EPI_ISL_872164, EPI_ISL_872165, EPI_ISL_872166, EPI_ISL_872167, EPI_ISL_872168, EPI_ISL_872169, EPI_ISL_872170, EPI_ISL_872171, EPI_ISL_872172, EPI_ISL_872173, EPI_ISL_872174, EPI_ISL_872175, EPI_ISL_872176, EPI_ISL_872177, EPI_ISL_872178, EPI_ISL_872179, EPI_ISL_872180, EPI_ISL_872181, EPI_ISL_872182, EPI_ISL_872183, EPI_ISL_872184, EPI_ISL_872185, EPI_ISL_872186, EPI_ISL_872187	see above	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory
EPI_ISL_872349		Alaska Department of Health, Division of Public Health, Section of Laboratories	Alaska Department of Health, Division of Public Health, Section of Laboratories
EPI_ISL_872350, EPI_ISL_872351, EPI_ISL_872352, EPI_ISL_872353, EPI_ISL_872354, EPI_ISL_872355, EPI_ISL_872356, EPI_ISL_872357, EPI_ISL_872358, EPI_ISL_872359, EPI_ISL_872360, EPI_ISL_872361, EPI_ISL_872362, EPI_ISL_872363, EPI_ISL_872364, EPI_ISL_872365, EPI_ISL_872366, EPI_ISL_872367, EPI_ISL_872368, EPI_ISL_872369, EPI_ISL_872370, EPI_ISL_872371, EPI_ISL_872372, EPI_ISL_872373, EPI_ISL_872374, EPI_ISL_872375, EPI_ISL_872376, EPI_ISL_872377, EPI_ISL_872378, EPI_ISL_872379, EPI_ISL_872380, EPI_ISL_872381, EPI_ISL_872382, EPI_ISL_872383, EPI_ISL_872384, EPI_ISL_872385, EPI_ISL_872386, EPI_ISL_872387, EPI_ISL_872388, EPI_ISL_872389, EPI_ISL_872390, EPI_ISL_872391, EPI_ISL_872392, EPI_ISL_872393	see above	Texas Department of State Health Services (TXDSHS)	Texas Department of State Health Services (TXDSHS)
			Bonnie Oh, Anita Pokharel, James Daniel Bonser, Myong Koag, Chung Wang, Rachel Lee, Grace Kubin, Rashmi Tuladhar, Mayela Pedrueza, Maliha Rahman, Jenny Zhang
EPI_ISL_872395, EPI_ISL_872396, EPI_ISL_872397, EPI_ISL_872398, EPI_ISL_872399, EPI_ISL_872400, EPI_ISL_872401, EPI_ISL_872402, EPI_ISL_872403, EPI_ISL_872404, EPI_ISL_872405, EPI_ISL_872406, EPI_ISL_872407, EPI_ISL_872408, EPI_ISL_872409, EPI_ISL_872410, EPI_ISL_872411, EPI_ISL_872412, EPI_ISL_872413, EPI_ISL_872414, EPI_ISL_872415, EPI_ISL_872416, EPI_ISL_872417, EPI_ISL_872418, EPI_ISL_872419, EPI_ISL_872420, EPI_ISL_872421, EPI_ISL_872422, EPI_ISL_872423, EPI_ISL_872424, EPI_ISL_872425, EPI_ISL_872426, EPI_ISL_872427, EPI_ISL_872428, EPI_ISL_872429, EPI_ISL_872430, EPI_ISL_872431, EPI_ISL_872432, EPI_ISL_872433, EPI_ISL_872434, EPI_ISL_872435, EPI_ISL_872436, EPI_ISL_872437, EPI_ISL_872438, EPI_ISL_872439, EPI_ISL_872440, EPI_ISL_872441, EPI_ISL_872442, EPI_ISL_872443, EPI_ISL_872444, EPI_ISL_872445, EPI_ISL_872446, EPI_ISL_872447, EPI_ISL_872448, EPI_ISL_872449, EPI_ISL_872450, EPI_ISL_872451, EPI_ISL_872452, EPI_ISL_872453, EPI_ISL_872454, EPI_ISL_872455, EPI_ISL_872456, EPI_ISL_872457, EPI_ISL_872458, EPI_ISL_872459, EPI_ISL_872460, EPI_ISL_872461, EPI_ISL_872462, EPI_ISL_872463, EPI_ISL_872464, EPI_ISL_872465, EPI_ISL_872466, EPI_ISL_872467, EPI_ISL_872468, EPI_ISL_872469, EPI_ISL_872470, EPI_ISL_872471, EPI_ISL_872472, EPI_ISL_872473, EPI_ISL_872474, EPI_ISL_872475, EPI_ISL_872476, EPI_ISL_872477	see above	Eurofins Diatherix	Hudsonalpha Genome Sequencing Center
			Jane Grimwood, Melissa Williams, Lori H. Handley, Joshua Stough, Leslie Malone, Stefan Brzezinski, Ada Stewart, Teresa Jones, Jenell Webber, John Lovell, Jennifer Cart, and Jeremy Schmutz
EPI_ISL_872479, EPI_ISL_872480, EPI_ISL_872481, EPI_ISL_872482, EPI_ISL_872483, EPI_ISL_872484, EPI_ISL_872485, EPI_ISL_872486, EPI_ISL_872487, EPI_ISL_872488, EPI_ISL_872489, EPI_ISL_872490, EPI_ISL_872491, EPI_ISL_872492, EPI_ISL_872493, EPI_ISL_872494, EPI_ISL_872495, EPI_ISL_872496, EPI_ISL_872497, EPI_ISL_872498, EPI_ISL_872499, EPI_ISL_872500, EPI_ISL_872501, EPI_ISL_872502, EPI_ISL_872503, EPI_ISL_872504, EPI_ISL_872505, EPI_ISL_872506, EPI_ISL_872507, EPI_ISL_872508, EPI_ISL_872509, EPI_ISL_872510, EPI_ISL_872511, EPI_ISL_872512, EPI_ISL_872513, EPI_ISL_872514, EPI_ISL_872515, EPI_ISL_872516, EPI_ISL_872517, EPI_ISL_872518, EPI_ISL_872519, EPI_ISL_872520, EPI_ISL_872521, EPI_ISL_872522, EPI_ISL_872523, EPI_ISL_872524, EPI_ISL_872525, EPI_ISL_872526, EPI_ISL_872527, EPI_ISL_872528, EPI_ISL_872529, EPI_ISL_872530, EPI_ISL_872531, EPI_ISL_872532, EPI_ISL_872533, EPI_ISL_872534, EPI_ISL_872535, EPI_ISL_872536, EPI_ISL_872537, EPI_ISL_872538, EPI_ISL_872539, EPI_ISL_872540, EPI_ISL_872541, EPI_ISL_872542, EPI_ISL_872543, EPI_ISL_872544, EPI_ISL_872545, EPI_ISL_872546, EPI_ISL_872547, EPI_ISL_872548, EPI_ISL_872549, EPI_ISL_872550, EPI_ISL_872551, EPI_ISL_872552, EPI_ISL_872553, EPI_ISL_872554, EPI_ISL_872555, EPI_ISL_872556, EPI_ISL_872557, EPI_ISL_872558, EPI_ISL_872559, EPI_ISL_872560, EPI_ISL_872561, EPI_ISL_872562, EPI_ISL_872563, EPI_ISL_872564, EPI_ISL_872565, EPI_ISL_872566	see above	New Mexico Department of Health Scientific Laboratory	Center for Global Health, University of New Mexico Health Sciences Center
			Daryl Dorman, Kurt Schwalm, Twila Kunde, Joseph Hicks, Anastacia Griego, Michael Edwards, Darrell Dinwiddie
EPI_ISL_872644, EPI_ISL_872645, EPI_ISL_872646, EPI_ISL_872647, EPI_ISL_872648, EPI_ISL_872649, EPI_ISL_872650, EPI_ISL_872651, EPI_ISL_872652, EPI_ISL_872653, EPI_ISL_872654, EPI_ISL_872655, EPI_ISL_872656, EPI_ISL_872657, EPI_ISL_872658, EPI_ISL_872659, EPI_ISL_872660, EPI_ISL_872661, EPI_ISL_872662, EPI_ISL_872663, EPI_ISL_872664, EPI_ISL_872665, EPI_ISL_872666, EPI_ISL_872667, EPI_ISL_872668, EPI_ISL_872669, EPI_ISL_872670, EPI_ISL_872671, EPI_ISL_872672, EPI_ISL_872673, EPI_ISL_872674, EPI_ISL_872675, EPI_ISL_872676, EPI_ISL_872677, EPI_ISL_872678, EPI_ISL_872679	see above	University of Massachusetts Medical School	Infectious Disease Program, Broad Institute of Harvard and MIT
			Lemieux,J.E., Siddle,K.J., Ward,D., Ellison,R., Adams,G., Gladden-Young,A., Lagerberg,K., Rudy,M., DeRuff,K., Carter,A., Normandin,E., Bauer,M., Reilly,S., Tomkins-Tinch,C., Loreth,C., Chaluvadi,S., Birren,B.W., Gallagher,G., Smole,S., Park,D.J., MacInnis,B.L., and Sabeti,P.C.
EPI_ISL_872680, EPI_ISL_872681, EPI_ISL_872682, EPI_ISL_872683, EPI_ISL_872684, EPI_ISL_872685, EPI_ISL_872686, EPI_ISL_872687, EPI_ISL_872688, EPI_ISL_872689, EPI_ISL_872690, EPI_ISL_872691, EPI_ISL_872692, EPI_ISL_872693, EPI_ISL_872694, EPI_ISL_872695, EPI_ISL_872696, EPI_ISL_872697, EPI_ISL_872698, EPI_ISL_872699, EPI_ISL_872700, EPI_ISL_872701, EPI_ISL_872702, EPI_ISL_872703, EPI_ISL_872704, EPI_ISL_872705, EPI_ISL_872706, EPI_ISL_872707, EPI_ISL_872708, EPI_ISL_872709, EPI_ISL_872710, EPI_ISL_872711, EPI_ISL_872712, EPI_ISL_872713, EPI_ISL_872714, EPI_ISL_872715, EPI_ISL_872716, EPI_ISL_872717, EPI_ISL_872718, EPI_ISL_872719, EPI_ISL_872720, EPI_ISL_872721, EPI_ISL_872722, EPI_ISL_872723, EPI_ISL_872724, EPI_ISL_872725, EPI_ISL_872726, EPI_ISL_872727, EPI_ISL_872728, EPI_ISL_872729, EPI_ISL_872730, EPI_ISL_872731, EPI_ISL_872732, EPI_ISL_872733, EPI_ISL_872734, EPI_ISL_872735, EPI_ISL_872736, EPI_ISL_872737, EPI_ISL_872738, EPI_ISL_872739, EPI_ISL_872740, EPI_ISL_872741, EPI_ISL_872742, EPI_ISL_872743, EPI_ISL_872744	see above	Rhode Island Department of Health	Infectious Disease Program, Broad Institute of Harvard and MIT
			Lemieux,J.E., Siddle,K.J., Huard,R., King,E., Azevedo,K., Miller,A., Adams,G., Gladden-Young,A., Lagerberg,K., Rudy,M., DeRuff,K., Carter,A., Normandin,E., Bauer,M., Reilly,S., Tomkins-Tinch,C., Loreth,C., Chaluvadi,S., Birren,B.W., Gallagher,G., Smole,S., Park,D.J., MacInnis,B.L., and Sabeti,P.C.
EPI_ISL_872745, EPI_ISL_872746, EPI_ISL_872747, EPI_ISL_872748, EPI_ISL_872749, EPI_ISL_872750, EPI_ISL_872751, EPI_ISL_872752, EPI_ISL_872753, EPI_ISL_872754, EPI_ISL_872755, EPI_ISL_872756, EPI_ISL_872757, EPI_ISL_872758, EPI_ISL_872759, EPI_ISL_872760, EPI_ISL_872761, EPI_ISL_872762, EPI_ISL_872763, EPI_ISL_872764, EPI_ISL_872765, EPI_ISL_872766, EPI_ISL_872767, EPI_ISL_872768, EPI_ISL_872769, EPI_ISL_872770, EPI_ISL_872771, EPI_ISL_872772, EPI_ISL_872773, EPI_ISL_872774, EPI_ISL_872775, EPI_ISL_872776, EPI_ISL_872777	see above	Colorado Mesa University	Infectious Disease Program, Broad Institute of Harvard and MIT
			Lemieux,J.E., Siddle,K.J., Marshall,J., O'Neill,M., Bronson,A., Adams,G., Gladden-Young,A., Lagerberg,K., Rudy,M., DeRuff,K., Carter,A., Normandin,E., Bauer,M., Reilly,S., Tomkins-Tinch,C., Loreth,C., Chaluvadi,S., Birren,B.W., Gallagher,G., Smole,S., Park,D.J., MacInnis,B.L., and Sabeti,P.C.
EPI_ISL_872778, EPI_ISL_872779, EPI_ISL_872780, EPI_ISL_872781, EPI_ISL_872782, EPI_ISL_872783, EPI_ISL_872784, EPI_ISL_872785, EPI_ISL_872786, EPI_ISL_872787, EPI_ISL_872788, EPI_ISL_872789, EPI_ISL_872790, EPI_ISL_872791, EPI_ISL_872792, EPI_ISL_872793, EPI_ISL_872794, EPI_ISL_872795, EPI_ISL_872796, EPI_ISL_872797, EPI_ISL_872798, EPI_ISL_872799, EPI_ISL_872800, EPI_ISL_872801, EPI_ISL_872802, EPI_ISL_872803, EPI_ISL_872804, EPI_ISL_872805, EPI_ISL_872806, EPI_ISL_872807, EPI_ISL_872808, EPI_ISL_872809, EPI_ISL_872810, EPI_ISL_872811, EPI_ISL_872812, EPI_ISL_872813, EPI_ISL_872814, EPI_ISL_872815, EPI_ISL_872816, EPI_ISL_872817, EPI_ISL_872818, EPI_ISL_872819, EPI_ISL_872820, EPI_ISL_872821, EPI_ISL_872822, EPI_ISL_872823, EPI_ISL_872824, EPI_ISL_872825, EPI_ISL_872826, EPI_ISL_872827, EPI_ISL_872828, EPI_ISL_872829, EPI_ISL_872830, EPI_ISL_872831, EPI_ISL_872832, EPI_ISL_872833, EPI_ISL_872834, EPI_ISL_872835, EPI_ISL_872836, EPI_ISL_872837, EPI_ISL_872838, EPI_ISL_872839, EPI_ISL_872840, EPI_ISL_872841, EPI_ISL_872842, EPI_ISL_872843, EPI_ISL_872844, EPI_ISL_872845, EPI_ISL_872846, EPI_ISL_872847, EPI_ISL_872848, EPI_ISL_872849, EPI_ISL_872850, EPI_ISL_872851, EPI_ISL_872852, EPI_ISL_872853, EPI_ISL_872854, EPI_ISL_872855, EPI_ISL_872856, EPI_ISL_872857, EPI_ISL_872858, EPI_ISL_872859, EPI_ISL_872860, EPI_ISL_872861, EPI_ISL_872862, EPI_ISL_872863, EPI_ISL_872864, EPI_ISL_872865, EPI_ISL_872866, EPI_ISL_872867, EPI_ISL_872868, EPI_ISL_872869, EPI_ISL_872870, EPI_ISL_872871, EPI_ISL_872872, EPI_ISL_872873, EPI_ISL_872874, EPI_ISL_872875, EPI_ISL_872876, EPI_ISL_872877, EPI_ISL_872878, EPI_ISL_872879, EPI_ISL_872880, EPI_ISL_872881, EPI_ISL_872882, EPI_ISL_872883, EPI_ISL_872884, EPI_ISL_872885, EPI_ISL_872886, EPI_ISL_872887, EPI_ISL_872888, EPI_ISL_872889, EPI_ISL_872890, EPI_ISL_872891, EPI_ISL_872892, EPI_ISL_872893, EPI_ISL_872894, EPI_ISL_872895, EPI_ISL_872896	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_873041, EPI_ISL_873042, EPI_ISL_873043, EPI_ISL_873044, EPI_ISL_873045, EPI_ISL_873046, EPI_ISL_873047, EPI_ISL_873048, EPI_ISL_873049, EPI_ISL_873050, EPI_ISL_873051, EPI_ISL_873052, EPI_ISL_873053, EPI_ISL_873054, EPI_ISL_873055, EPI_ISL_873056, EPI_ISL_873057, EPI_ISL_873058, EPI_ISL_873059, EPI_ISL_873060, EPI_ISL_873061, EPI_ISL_873062, EPI_ISL_873063, EPI_ISL_873064, EPI_ISL_873065, EPI_ISL_873066, EPI_ISL_873067, EPI_ISL_873068, EPI_ISL_873069, EPI_ISL_873070, EPI_ISL_873071, EPI_ISL_873072, EPI_ISL_873073, EPI_ISL_873074, EPI_ISL_873075, EPI_ISL_873076, EPI_ISL_873077, EPI_ISL_873078, EPI_ISL_873079, EPI_ISL_873080, EPI_ISL_873081, EPI_ISL_873082, EPI_ISL_873083, EPI_ISL_873084, EPI_ISL_873085, EPI_ISL_873086, EPI_ISL_873087, EPI_ISL_873088, EPI_ISL_873089, EPI_ISL_873090, EPI_ISL_873091, EPI_ISL_873092, EPI_ISL_873093, EPI_ISL_873094, EPI_ISL_873095, EPI_ISL_873096, EPI_ISL_873097, EPI_ISL_873098, EPI_ISL_873099, EPI_ISL_873100, EPI_ISL_873101, EPI_ISL_873102, EPI_ISL_873103, EPI_ISL_873104, EPI_ISL_873105, EPI_ISL_873106, EPI_ISL_873107, EPI_ISL_873108, EPI_ISL_873109, EPI_ISL_873110, EPI_ISL_873111, EPI_ISL_873112, EPI_ISL_873113, EPI_ISL_873114, EPI_ISL_873115, EPI_ISL_873116, EPI_ISL_873117, EPI_ISL_873118, EPI_ISL_873119, EPI_ISL_873120, EPI_ISL_873121, EPI_ISL_873122, EPI_ISL_873123, EPI_ISL_873124, EPI_ISL_873125, EPI_ISL_873126, EPI_ISL_873127, EPI_ISL_873128, EPI_ISL_873129, EPI_ISL_873130, EPI_ISL_873131, EPI_ISL_873132, EPI_ISL_873133, EPI_ISL_873134, EPI_ISL_873135, EPI_ISL_873136, EPI_ISL_873137, EPI_ISL_873138, EPI_ISL_873139, EPI_ISL_873140, EPI_ISL_873141, EPI_ISL_873142, EPI_ISL_873143, EPI_ISL_873144, EPI_ISL_873145, EPI_ISL_873146, EPI_ISL_873147, EPI_ISL_873148, EPI_ISL_873149, EPI_ISL_873150, EPI_ISL_873151, EPI_ISL_873152, EPI_ISL_873153, EPI_ISL_873154, EPI_ISL_873155, EPI_ISL_873156, EPI_ISL_873157, EPI_ISL_873158, EPI_ISL_873159, EPI_ISL_873160, EPI_ISL_873161, EPI_ISL_873162, EPI_ISL_873163	see above	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology
			Valesano
EPI_ISL_873166, EPI_ISL_873167, EPI_ISL_873168, EPI_ISL_873169, EPI_ISL_873170, EPI_ISL_873171, EPI_ISL_873172, EPI_ISL_873173, EPI_ISL_873174, EPI_ISL_873175, EPI_ISL_873176, EPI_ISL_873177, EPI_ISL_873178, EPI_ISL_873179, EPI_ISL_873180, EPI_ISL_873181, EPI_ISL_873182, EPI_ISL_873183, EPI_ISL_873184, EPI_ISL_873185, EPI_ISL_873186, EPI_ISL_873187, EPI_ISL_873188, EPI_ISL_873189, EPI_ISL_873190, EPI_ISL_873191, EPI_ISL_873192, EPI_ISL_873193	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.
EPI_ISL_873194, EPI_ISL_873195, EPI_ISL_873196, EPI_ISL_873197, EPI_ISL_873198, EPI_ISL_873199, EPI_ISL_873200, EPI_ISL_873201, EPI_ISL_873202, EPI_ISL_873203, EPI_ISL_873204, EPI_ISL_873205, EPI_ISL_873206, EPI_ISL_873207, EPI_ISL_873208	see above	North Dakota Department of Health, Public Health Laboratory	North Dakota Department of Health, Public Health Laboratory
			Lisa Wingerter
EPI_ISL_873211, EPI_ISL_873212, EPI_ISL_873213, EPI_ISL_873214, EPI_ISL_873215, EPI_ISL_873216, EPI_ISL_873217, EPI_ISL_873218, EPI_ISL_873219, EPI_ISL_873220, EPI_ISL_873221, EPI_ISL_873222, EPI_ISL_873223, EPI_ISL_873224, EPI_ISL_873225, EPI_ISL_873226, EPI_ISL_873227, EPI_ISL_873228, EPI_ISL_873229, EPI_ISL_873230, EPI_ISL_873231, EPI_ISL_873232, EPI_ISL_873233, EPI_ISL_873234, EPI_ISL_873235, EPI_ISL_873236, EPI_ISL_873237, EPI_ISL_873238, EPI_ISL_873239, EPI_ISL_873240, EPI_ISL_873241, EPI_ISL_873242, EPI_ISL_873243, EPI_ISL_873244, EPI_ISL_873245, EPI_ISL_873246			

EPI_ISL_873247, EPI_ISL_873248, EPI_ISL_873249, EPI_ISL_873250, EPI_ISL_873251, EPI_ISL_873252, EPI_ISL_873253, EPI_ISL_873254, EPI_ISL_873255, EPI_ISL_873256, EPI_ISL_873257, EPI_ISL_873258, EPI_ISL_873259, EPI_ISL_873260, EPI_ISL_873261, EPI_ISL_873262, EPI_ISL_873263, EPI_ISL_873264, EPI_ISL_873265, EPI_ISL_873266, EPI_ISL_873267, EPI_ISL_873268, EPI_ISL_873269			
see above	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_873270, EPI_ISL_873271	Minnesota Department of Health, Public Health Laboratory	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_873272, EPI_ISL_873273, EPI_ISL_873274, EPI_ISL_873275	Vault Health	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_873276	Hennepin County Medical Center	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_873277	Environmental and Global Health, University of Florida	Environmental and Global Health, University of Florida	Iovine,N.M., Waltzek,T.B., Subramaniam,K., Loeb,J.C.,Stephenson,C.J., Lessard,K., Reeves,M., Wilkerson,G., Morris,J.G. and Lednický,J.A.
EPI_ISL_873278	School of Pharmacy, Shenandoah University	School of Pharmacy, Shenandoah University	Adams,S.M., Harralson,A.F., Kidd,R.S. and Sawyer,G.W.
EPI_ISL_875347, EPI_ISL_875348, EPI_ISL_875561, EPI_ISL_875562, EPI_ISL_875563, EPI_ISL_875565	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_875570, EPI_ISL_875571, EPI_ISL_875572, EPI_ISL_875573, EPI_ISL_875574, EPI_ISL_875575, EPI_ISL_875576, EPI_ISL_875577, EPI_ISL_875578, EPI_ISL_875579, EPI_ISL_875580, EPI_ISL_875581, EPI_ISL_875582, EPI_ISL_875583, EPI_ISL_875584, EPI_ISL_875585, EPI_ISL_875586, EPI_ISL_875587, EPI_ISL_875588, EPI_ISL_875589, EPI_ISL_875590, EPI_ISL_875591, EPI_ISL_875592, EPI_ISL_875593, EPI_ISL_875594, EPI_ISL_875595, EPI_ISL_875596, EPI_ISL_875597, EPI_ISL_875598, EPI_ISL_875599, EPI_ISL_875600, EPI_ISL_875601, EPI_ISL_875602, EPI_ISL_875603, EPI_ISL_875604, EPI_ISL_875605, EPI_ISL_875606, EPI_ISL_875607, EPI_ISL_875608, EPI_ISL_875609, EPI_ISL_875610, EPI_ISL_875611, EPI_ISL_875612, EPI_ISL_875613, EPI_ISL_875614, EPI_ISL_875615, EPI_ISL_875616, EPI_ISL_875617, EPI_ISL_875618, EPI_ISL_875619, EPI_ISL_875620, EPI_ISL_875621, EPI_ISL_875622, EPI_ISL_875623, EPI_ISL_875624, EPI_ISL_875625, EPI_ISL_875626, EPI_ISL_875627, EPI_ISL_875628, EPI_ISL_875629, EPI_ISL_875630, EPI_ISL_875631, EPI_ISL_875632, EPI_ISL_875633, EPI_ISL_875634, EPI_ISL_875635, EPI_ISL_875636, EPI_ISL_875637, EPI_ISL_875638, EPI_ISL_875639, EPI_ISL_875640, EPI_ISL_875641, EPI_ISL_875642, EPI_ISL_875643, EPI_ISL_875644, EPI_ISL_875645, EPI_ISL_875646, EPI_ISL_875647, EPI_ISL_875648, EPI_ISL_875649, EPI_ISL_875650, EPI_ISL_875651, EPI_ISL_875652, EPI_ISL_875653, EPI_ISL_875654, EPI_ISL_875655, EPI_ISL_875656, EPI_ISL_875657, EPI_ISL_875658, EPI_ISL_875659			
see above	Eurofins Diatherix	Hudsonalpha Genome Sequencing Center	Jane Grimwood, Melissa Williams, Lori H. Handley, Joshua Stough, Leslie Malone, Stefan Brzezinski, Ada Stewart, Teresa Jones, Jenell Webber, John Lovell, Jennifer Cart, and Jeremy Schmutz
EPI_ISL_875660, EPI_ISL_875661, EPI_ISL_875662, EPI_ISL_875663, EPI_ISL_875664, EPI_ISL_875665	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_875675, EPI_ISL_875676, EPI_ISL_875677, EPI_ISL_875678, EPI_ISL_875679, EPI_ISL_875680, EPI_ISL_875681, EPI_ISL_875682, EPI_ISL_875683, EPI_ISL_875684	Kansas Health and Environmental Lab	Kansas Health and Environmental Lab	Mike Grose, Carissa Robertson, Ben Olsen, and Phil Adam
EPI_ISL_875871, EPI_ISL_875872	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_875874, EPI_ISL_875875, EPI_ISL_875876, EPI_ISL_875877, EPI_ISL_875878, EPI_ISL_875879, EPI_ISL_875880, EPI_ISL_875881, EPI_ISL_875882, EPI_ISL_875883, EPI_ISL_875884, EPI_ISL_875885, EPI_ISL_875886, EPI_ISL_875887, EPI_ISL_875888, EPI_ISL_875889, EPI_ISL_875890, EPI_ISL_875891, EPI_ISL_875892, EPI_ISL_875893, EPI_ISL_875894, EPI_ISL_875895, EPI_ISL_875896, EPI_ISL_875897, EPI_ISL_875898, EPI_ISL_875899, EPI_ISL_875900, EPI_ISL_875901, EPI_ISL_875902, EPI_ISL_875903, EPI_ISL_875904, EPI_ISL_875905, EPI_ISL_875906, EPI_ISL_875907, EPI_ISL_875908, EPI_ISL_875909, EPI_ISL_875910, EPI_ISL_875911, EPI_ISL_875912, EPI_ISL_875913, EPI_ISL_875914, EPI_ISL_875915, EPI_ISL_875916, EPI_ISL_875917, EPI_ISL_875918, EPI_ISL_875919, EPI_ISL_875920, EPI_ISL_875921, EPI_ISL_875922, EPI_ISL_875923, EPI_ISL_875924, EPI_ISL_875925, EPI_ISL_875926, EPI_ISL_875927, EPI_ISL_875928, EPI_ISL_875929, EPI_ISL_875930, EPI_ISL_875931, EPI_ISL_875932, EPI_ISL_875933, EPI_ISL_875934, EPI_ISL_875935, EPI_ISL_875936, EPI_ISL_875937, EPI_ISL_875938, EPI_ISL_875939, EPI_ISL_875940, EPI_ISL_875941, EPI_ISL_875942, EPI_ISL_875943, EPI_ISL_875944, EPI_ISL_875945, EPI_ISL_875946, EPI_ISL_875947, EPI_ISL_875948, EPI_ISL_875949, EPI_ISL_875950, EPI_ISL_875951, EPI_ISL_875952, EPI_ISL_875953, EPI_ISL_875954, EPI_ISL_875955, EPI_ISL_875956, EPI_ISL_875957, EPI_ISL_875958			
see above	Eurofins Diatherix	Hudsonalpha Genome Sequencing Center	Jane Grimwood, Melissa Williams, Lori H. Handley, Joshua Stough, Leslie Malone, Stefan Brzezinski, Ada Stewart, Teresa Jones, Jenell Webber, John Lovell, Jennifer Cart, and Jeremy Schmutz
EPI_ISL_876032, EPI_ISL_876033, EPI_ISL_876034, EPI_ISL_876035, EPI_ISL_876036, EPI_ISL_876037, EPI_ISL_876038, EPI_ISL_876039, EPI_ISL_876040, EPI_ISL_876041	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. Wirchianski, Jason Barnhill, David L. Goldman, Hnin Khine, D. Yitzchak Goldstein, Johanna P. Daily, Kartik Chandran, Libusha Kelly
EPI_ISL_876044	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_876045, EPI_ISL_876046, EPI_ISL_876047, EPI_ISL_876048, EPI_ISL_876049, EPI_ISL_876050, EPI_ISL_876051, EPI_ISL_876052, EPI_ISL_876053, EPI_ISL_876054, EPI_ISL_876055, EPI_ISL_876056, EPI_ISL_876057, EPI_ISL_876058, EPI_ISL_876059, EPI_ISL_876060, EPI_ISL_876061, EPI_ISL_876062, EPI_ISL_876063, EPI_ISL_876064, EPI_ISL_876065, EPI_ISL_876066, EPI_ISL_876067, EPI_ISL_876068, EPI_ISL_876069, EPI_ISL_876070, EPI_ISL_876071, EPI_ISL_876072, EPI_ISL_876073, EPI_ISL_876074, EPI_ISL_876075, EPI_ISL_876076, EPI_ISL_876077, EPI_ISL_876078, EPI_ISL_876079, EPI_ISL_876080, EPI_ISL_876081, EPI_ISL_876082, EPI_ISL_876083, EPI_ISL_876084, EPI_ISL_876085, EPI_ISL_876086, EPI_ISL_876087, EPI_ISL_876088, EPI_ISL_876089, EPI_ISL_876090, EPI_ISL_876091, EPI_ISL_876092, EPI_ISL_876093, EPI_ISL_876094, EPI_ISL_876095, EPI_ISL_876096, EPI_ISL_876097, EPI_ISL_876098, EPI_ISL_876099, EPI_ISL_876100, EPI_ISL_876101, EPI_ISL_876102, EPI_ISL_876103, EPI_ISL_876104, EPI_ISL_876105, EPI_ISL_876106, EPI_ISL_876107, EPI_ISL_876108, EPI_ISL_876109, EPI_ISL_876110, EPI_ISL_876111, EPI_ISL_876112, EPI_ISL_876113, EPI_ISL_876114, EPI_ISL_876115, EPI_ISL_876116, EPI_ISL_876117, EPI_ISL_876118, EPI_ISL_876119, EPI_ISL_876120, EPI_ISL_876121, EPI_ISL_876122, EPI_ISL_876123, EPI_ISL_876124, EPI_ISL_876125, EPI_ISL_876126, EPI_ISL_876127, EPI_ISL_876128, EPI_ISL_876129, EPI_ISL_876130, EPI_ISL_876131, EPI_ISL_876132, EPI_ISL_876133, EPI_ISL_876134, EPI_ISL_876135, EPI_ISL_876136, EPI_ISL_876137, EPI_ISL_876138, EPI_ISL_876139, EPI_ISL_876140, EPI_ISL_876141, EPI_ISL_876142, EPI_ISL_876143, EPI_ISL_876144, EPI_ISL_876145, EPI_ISL_876146, EPI_ISL_876147, EPI_ISL_876148, EPI_ISL_876149, EPI_ISL_876150, EPI_ISL_876151, EPI_ISL_876152, EPI_ISL_876153, EPI_ISL_876154, EPI_ISL_876155, EPI_ISL_876156, EPI_ISL_876157, EPI_ISL_876158, EPI_ISL_876159, EPI_ISL_876160, EPI_ISL_876161, EPI_ISL_876162, EPI_ISL_876163, EPI_ISL_876164, EPI_ISL_876165, EPI_ISL_876166, EPI_ISL_876167, EPI_ISL_876168, EPI_ISL_876169, EPI_ISL_876170, EPI_ISL_876171, EPI_ISL_876172, EPI_ISL_876173, EPI_ISL_876174, EPI_ISL_876175, EPI_ISL_876176, EPI_ISL_876177, EPI_ISL_876178, EPI_ISL_876179, EPI_ISL_876180, EPI_ISL_876181, EPI_ISL_876182, EPI_ISL_876183, EPI_ISL_876184, EPI_ISL_876185, EPI_ISL_876186, EPI_ISL_876187, EPI_ISL_876188, EPI_ISL_876189, EPI_ISL_876190, EPI_ISL_876191, EPI_ISL_876192, EPI_ISL_876193, EPI_ISL_876194, EPI_ISL_876195, EPI_ISL_876196, EPI_ISL_876197, EPI_ISL_876198, EPI_ISL_876199, EPI_ISL_876200, EPI_ISL_876201, EPI_ISL_876202, EPI_ISL_876203, EPI_ISL_876204, EPI_ISL_876205, EPI_ISL_876206, EPI_ISL_876207, EPI_ISL_876208, EPI_ISL_876209, EPI_ISL_876210, EPI_ISL_876211, EPI_ISL_876212, EPI_ISL_876213, EPI_ISL_876214, EPI_ISL_876215, EPI_ISL_876216, EPI_ISL_876217, EPI_ISL_876218, EPI_ISL_876219, EPI_ISL_876220, EPI_ISL_876221, EPI_ISL_876222, EPI_ISL_876223, EPI_ISL_876224, EPI_ISL_876225, EPI_ISL_876226, EPI_ISL_876227, EPI_ISL_876228, EPI_ISL_876229, EPI_ISL_876230, EPI_ISL_876231, EPI_ISL_876232, EPI_ISL_876233, EPI_ISL_876234, EPI_ISL_876235, EPI_ISL_876236, EPI_ISL_876237, EPI_ISL_876238, EPI_ISL_876239, EPI_ISL_876240, EPI_ISL_876241, EPI_ISL_876242, EPI_ISL_876243, EPI_ISL_876244, EPI_ISL_876245, EPI_ISL_876246, EPI_ISL_876247, EPI_ISL_876248, EPI_ISL_876249, EPI_ISL_876250, EPI_ISL_876251, EPI_ISL_876252, EPI_ISL_876253, EPI_ISL_876254, EPI_ISL_876255, EPI_ISL_876256, EPI_ISL_876257, EPI_ISL_876258, EPI_ISL_876259, EPI_ISL_876260, EPI_ISL_876261, EPI_ISL_876262, EPI_ISL_876263, EPI_ISL_876264, EPI_ISL_876265, EPI_ISL_876266, EPI_ISL_876267, EPI_ISL_876268, EPI_ISL_876269, EPI_ISL_876270, EPI_ISL_876271, EPI_ISL_876272, EPI_ISL_876273, EPI_ISL_876274, EPI_ISL_876275, EPI_ISL_876276, EPI_ISL_876277, EPI_ISL_876278, EPI_ISL_876279, EPI_ISL_876280, EPI_ISL_876281, EPI_ISL_876282, EPI_ISL_876283, EPI_ISL_876284, EPI_ISL_876285, EPI_ISL_876286, EPI_ISL_876287, EPI_ISL_876288, EPI_ISL_876289, EPI_ISL_876290, EPI_ISL_876291, EPI_ISL_876292, EPI_ISL_876293, EPI_ISL_876294, EPI_ISL_876295, EPI_ISL_876296, EPI_ISL_876297, EPI_ISL_876298, EPI_ISL_876299, EPI_ISL_876300, EPI_ISL_876301, EPI_ISL_876302, EPI_ISL_876303, EPI_ISL_876304, EPI_ISL_876305, EPI_ISL_876306, EPI_ISL_876307, EPI_ISL_876308, EPI_ISL_876309, EPI_ISL_876310, EPI_ISL_876311, EPI_ISL_876312, EPI_ISL_876313, EPI_ISL_876314, EPI_ISL_876315, EPI_ISL_876316, EPI_ISL_876317, EPI_ISL_876318, EPI_ISL_876319, EPI_ISL_876320, EPI_ISL_876321, EPI_ISL_876322, EPI_ISL_876323, EPI_ISL_876324, EPI_ISL_876325, EPI_ISL_876326, EPI_ISL_876327, EPI_ISL_876328, EPI_ISL_876329, EPI_ISL_876330			
see above	Massachusetts State Public Health Laboratory	Massachusetts State Public Health Laboratory	Andrew Lang, Timelia Fink, Glen Gallagher, Sandra Smole
EPI_ISL_876331, EPI_ISL_876332, EPI_ISL_876333, EPI_ISL_876334, EPI_ISL_876335, EPI_ISL_876336, EPI_ISL_876337, EPI_ISL_876338, EPI_ISL_876339, EPI_ISL_876340, EPI_ISL_876341, EPI_ISL_876342, EPI_ISL_876343, EPI_ISL_876344, EPI_ISL_876345, EPI_ISL_876346, EPI_ISL_876347, EPI_ISL_876348, EPI_ISL_876349, EPI_ISL_876350, EPI_ISL_876351, EPI_ISL_876352, EPI_ISL_876353, EPI_ISL_876354, EPI_ISL_876355, EPI_ISL_876356, EPI_ISL_876357, EPI_ISL_876358, EPI_ISL_876359, EPI_ISL_876360, EPI_ISL_876361, EPI_ISL_876362, EPI_ISL_876363, EPI_ISL_876364, EPI_ISL_876365, EPI_ISL_876366, EPI_ISL_876367, EPI_ISL_876368, EPI_ISL_876369, EPI_ISL_876370, EPI_ISL_876371, EPI_ISL_876372, EPI_ISL_876373, EPI_ISL_876374, EPI_ISL_876375, EPI_ISL_876376, EPI_ISL_876377, EPI_ISL_876378, EPI_ISL_876379, EPI_ISL_876380, EPI_ISL_876381, EPI_ISL_876382, EPI_ISL_876383, EPI_ISL_876384, EPI_ISL_876385, EPI_ISL_876386, EPI_ISL_876387, EPI_ISL_876388, EPI_ISL_876389, EPI_ISL_876390, EPI_ISL_876391, EPI_ISL_876392, EPI_ISL_876393, EPI_ISL_876394, EPI_ISL_876395, EPI_ISL_876396, EPI_ISL_876397, EPI_ISL_876398, EPI_ISL_876399, EPI_ISL_876400, EPI_ISL_876401, EPI_ISL_876402, EPI_ISL_876403, EPI_ISL_876404, EPI_ISL_876405, EPI_ISL_876406, EPI_ISL_876407, EPI_ISL_876408, EPI_ISL_876409, EPI_ISL_876410, EPI_ISL_876411, EPI_ISL_876412, EPI_ISL_876413, EPI_ISL_876414, EPI_ISL_876415, EPI_ISL_876416, EPI_ISL_876417, EPI_ISL_876418, EPI_ISL_876419, EPI_ISL_876420, EPI_ISL_876421, EPI_ISL_876422, EPI_ISL_876423, EPI_ISL_876424, EPI_ISL_876425			
see above	Eurofins Diatherix	Hudsonalpha Genome Sequencing Center	Jane Grimwood, Melissa Williams, Lori H. Handley, Joshua Stough, Leslie Malone, Stefan Brzezinski, Ada Stewart, Teresa Jones, Jenell Webber, John Lovell, Jennifer Cart, and Jeremy Schmutz
EPI_ISL_876427	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_876428, EPI_ISL_876429, EPI_ISL_876430, EPI_ISL_876431, EPI_ISL_876432, EPI_ISL_876433, EPI_ISL_876434, EPI_ISL_876435, EPI_ISL_876436, EPI_ISL_876437, EPI_ISL_876438, EPI_ISL_876439, EPI_ISL_876440, EPI_ISL_876441, EPI_ISL_876442, EPI_ISL_876443, EPI_ISL_876444, EPI_ISL_876445, EPI_ISL_876446, EPI_ISL_876447, EPI_ISL_876448, EPI_ISL_876449, EPI_ISL_876450, EPI_ISL_876451, EPI_ISL_876452, EPI_ISL_876453, EPI_ISL_876454, EPI_ISL_876455, EPI_ISL_876456, EPI_ISL_876457, EPI_ISL_876458, EPI_ISL_876459, EPI_ISL_876460, EPI_ISL_876461, EPI_ISL_876462, EPI_ISL_876463, EPI_ISL_876464, EPI_ISL_876465, EPI_ISL_876466, EPI_ISL_876467, EPI_ISL_876468, EPI_ISL_876469, EPI_ISL_876470, EPI_ISL_876471, EPI_ISL_876472, EPI_ISL_876473, EPI_ISL_876474, EPI_ISL_876475, EPI_ISL_876476, EPI_ISL_876477, EPI_ISL_876478, EPI_ISL_876479, EPI_ISL_876480, EPI_ISL_876481, EPI_ISL_876482, EPI_ISL_876483, EPI_ISL_876484, EPI_ISL_876485, EPI_ISL_876486, EPI_ISL_876487, EPI_ISL_876488, EPI_ISL_876489, EPI_ISL_876490, EPI_ISL_876491, EPI_ISL_876492, EPI_ISL_876493, EPI_ISL_876494, EPI_ISL_876495, EPI_ISL_876496, EPI_ISL_876497, EPI_ISL_876498, EPI_ISL_876499, EPI_ISL_876500, EPI_ISL_876501, EPI_ISL_876502, EPI_ISL_876503, EPI_ISL_876504, EPI_ISL_876505, EPI_ISL_876506, EPI_ISL_876507, EPI_ISL_876508, EPI_ISL_876509, EPI_ISL_876510, EPI_ISL_876511, EPI_ISL_876512, EPI_ISL_876513, EPI_ISL_876514, EPI_ISL_876515, EPI_ISL_876516, EPI_ISL_876517			
see above	Eurofins Diatherix	Hudsonalpha Genome Sequencing Center	Jane Grimwood, Melissa Williams, Lori H. Handley, Joshua Stough, Leslie Malone, Stefan Brzezinski, Ada Stewart, Teresa Jones, Jenell Webber, John Lovell, Jennifer Cart, and Jeremy Schmutz

EPI_ISL_876518	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_876519	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_876520, EPI_ISL_876521, EPI_ISL_876522, EPI_ISL_876523, EPI_ISL_876524, EPI_ISL_876525, EPI_ISL_876526, EPI_ISL_876527, EPI_ISL_876528, EPI_ISL_876529, EPI_ISL_876530, EPI_ISL_876531, EPI_ISL_876532, EPI_ISL_876533, EPI_ISL_876534, EPI_ISL_876535, EPI_ISL_876536, EPI_ISL_876537, EPI_ISL_876538, EPI_ISL_876539, EPI_ISL_876540, EPI_ISL_876541, EPI_ISL_876542, EPI_ISL_876543, EPI_ISL_876544, EPI_ISL_876545, EPI_ISL_876546, EPI_ISL_876547, EPI_ISL_876548, EPI_ISL_876549, EPI_ISL_876550, EPI_ISL_876551, EPI_ISL_876552, EPI_ISL_876553, EPI_ISL_876554, EPI_ISL_876555, EPI_ISL_876556, EPI_ISL_876557, EPI_ISL_876558, EPI_ISL_876559, EPI_ISL_876560, EPI_ISL_876561, EPI_ISL_876562, EPI_ISL_876563, EPI_ISL_876564, EPI_ISL_876565, EPI_ISL_876566, EPI_ISL_876567, EPI_ISL_876568, EPI_ISL_876569, EPI_ISL_876570, EPI_ISL_876571, EPI_ISL_876572, EPI_ISL_876573, EPI_ISL_876574, EPI_ISL_876575, EPI_ISL_876576, EPI_ISL_876577, EPI_ISL_876578, EPI_ISL_876579, EPI_ISL_876580, EPI_ISL_876581, EPI_ISL_876582, EPI_ISL_876583, EPI_ISL_876584, EPI_ISL_876585, EPI_ISL_876586, EPI_ISL_876587	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton	
see above	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	
EPI_ISL_876588, EPI_ISL_876589	Blackhawk Genomics	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Yan Li, Jing Zhang, Krista Queen, Anna Uehara, Peter Cook, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_876590, EPI_ISL_876591, EPI_ISL_876592, EPI_ISL_876593, EPI_ISL_876594, EPI_ISL_876595, EPI_ISL_876596	TN Division of Laboratory Services	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Yan Li, Jing Zhang, Krista Queen, Anna Uehara, Peter Cook, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_876625, EPI_ISL_876626, EPI_ISL_876627, EPI_ISL_876628, EPI_ISL_876629, EPI_ISL_876630, EPI_ISL_876631, EPI_ISL_876632, EPI_ISL_876633, EPI_ISL_876634, EPI_ISL_876635, EPI_ISL_876636, EPI_ISL_876637, EPI_ISL_876638, EPI_ISL_876639, EPI_ISL_876640, EPI_ISL_876641, EPI_ISL_876642, EPI_ISL_876643, EPI_ISL_876644, EPI_ISL_876645, EPI_ISL_876646, EPI_ISL_876647, EPI_ISL_876648, EPI_ISL_876649, EPI_ISL_876650, EPI_ISL_876651, EPI_ISL_876652, EPI_ISL_876653, EPI_ISL_876654, EPI_ISL_876655, EPI_ISL_876656, EPI_ISL_876657, EPI_ISL_876658, EPI_ISL_876659, EPI_ISL_876660, EPI_ISL_876661, EPI_ISL_876662, EPI_ISL_876663, EPI_ISL_876664, EPI_ISL_876665, EPI_ISL_876666, EPI_ISL_876667, EPI_ISL_876668, EPI_ISL_876669, EPI_ISL_876670, EPI_ISL_876671, EPI_ISL_876672, EPI_ISL_876673, EPI_ISL_876674, EPI_ISL_876675, EPI_ISL_876676, EPI_ISL_876677, EPI_ISL_876678, EPI_ISL_876679, EPI_ISL_876680, EPI_ISL_876681, EPI_ISL_876682, EPI_ISL_876683, EPI_ISL_876684, EPI_ISL_876685, EPI_ISL_876686, EPI_ISL_876687, EPI_ISL_876688, EPI_ISL_876689, EPI_ISL_876690, EPI_ISL_876691, EPI_ISL_876692, EPI_ISL_876693, EPI_ISL_876694, EPI_ISL_876695, EPI_ISL_876696, EPI_ISL_876697, EPI_ISL_876698, EPI_ISL_876699, EPI_ISL_876700, EPI_ISL_876701, EPI_ISL_876702, EPI_ISL_876703, EPI_ISL_876704, EPI_ISL_876705, EPI_ISL_876706, EPI_ISL_876707, EPI_ISL_876708, EPI_ISL_876709, EPI_ISL_876710, EPI_ISL_876711, EPI_ISL_876712, EPI_ISL_876713, EPI_ISL_876714, EPI_ISL_876715, EPI_ISL_876716, EPI_ISL_876717, EPI_ISL_876718, EPI_ISL_876719, EPI_ISL_876720, EPI_ISL_876721, EPI_ISL_876722, EPI_ISL_876723, EPI_ISL_876724, EPI_ISL_876725, EPI_ISL_876726, EPI_ISL_876727, EPI_ISL_876728, EPI_ISL_876729, EPI_ISL_876730, EPI_ISL_876731, EPI_ISL_876732, EPI_ISL_876733, EPI_ISL_876734, EPI_ISL_876735, EPI_ISL_876736	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook,Dhwani Batra,Ben L. Rambo-Martin,Eileen de Feo,Jan Antico,Christine Tran,Matthew Tolentino,Shannon Wickline,Kim Gietzen,Brad Sickler,Jingtao Liu,Eric Allen,Phil Febbo,Summer Galloway,Nicole L. Washington,Simon White,Geraint Levan,Kelly Schiabor Barrett,Elizabeth Cirulli,Alexandre Bolze,Ary Ascencio,Charlotte Rivera-Garcia,Ryan Cho,Jason Nguyen,Sherry Wang,Jimmy Ramirez,Tyler Cassens,Efren Sandoval,Magnus Isaksson,William Lee,David Becker,Marc Laurent,James Lu,Clinton R. Paden,Suxiang Tong,Duncan MacCannell,	
see above	Helix/Illumina		
EPI_ISL_876737	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton
EPI_ISL_876814, EPI_ISL_876815, EPI_ISL_876816, EPI_ISL_876817, EPI_ISL_876818, EPI_ISL_876819, EPI_ISL_876820, EPI_ISL_876821, EPI_ISL_876822, EPI_ISL_876823, EPI_ISL_876824, EPI_ISL_876825, EPI_ISL_876826, EPI_ISL_876827, EPI_ISL_876828, EPI_ISL_876829, EPI_ISL_876830, EPI_ISL_876831, EPI_ISL_876832, EPI_ISL_876833, EPI_ISL_876834, EPI_ISL_876835, EPI_ISL_876836, EPI_ISL_876837, EPI_ISL_876838, EPI_ISL_876839, EPI_ISL_876840, EPI_ISL_876841, EPI_ISL_876842, EPI_ISL_876843, EPI_ISL_876844, EPI_ISL_876845, EPI_ISL_876846, EPI_ISL_876847, EPI_ISL_876848, EPI_ISL_876849, EPI_ISL_876850, EPI_ISL_876851, EPI_ISL_876852, EPI_ISL_876853, EPI_ISL_876854, EPI_ISL_876855, EPI_ISL_876856, EPI_ISL_876857, EPI_ISL_876858, EPI_ISL_876859, EPI_ISL_876860, EPI_ISL_876861, EPI_ISL_876862, EPI_ISL_876863, EPI_ISL_876864, EPI_ISL_876865, EPI_ISL_876866, EPI_ISL_876867, EPI_ISL_876868, EPI_ISL_876869, EPI_ISL_876870, EPI_ISL_876871, EPI_ISL_876872, EPI_ISL_876873, EPI_ISL_876874, EPI_ISL_876875, EPI_ISL_876876, EPI_ISL_876877, EPI_ISL_876878, EPI_ISL_876879, EPI_ISL_876880, EPI_ISL_876881, EPI_ISL_876882, EPI_ISL_876883, EPI_ISL_876884, EPI_ISL_876885, EPI_ISL_876886, EPI_ISL_876887, EPI_ISL_876888, EPI_ISL_876889, EPI_ISL_876890, EPI_ISL_876891, EPI_ISL_876892, EPI_ISL_876893, EPI_ISL_876894, EPI_ISL_876895, EPI_ISL_876896, EPI_ISL_876897, EPI_ISL_876898, EPI_ISL_876899, EPI_ISL_876900, EPI_ISL_876901, EPI_ISL_876902, EPI_ISL_876903, EPI_ISL_876904, EPI_ISL_876905, EPI_ISL_876906, EPI_ISL_876907, EPI_ISL_876908, EPI_ISL_876909, EPI_ISL_876910, EPI_ISL_876911, EPI_ISL_876912, EPI_ISL_876913, EPI_ISL_876914, EPI_ISL_876915, EPI_ISL_876916, EPI_ISL_876917, EPI_ISL_876918, EPI_ISL_876919, EPI_ISL_876920, EPI_ISL_876921, EPI_ISL_876922, EPI_ISL_876923, EPI_ISL_876924, EPI_ISL_876925, EPI_ISL_876926, EPI_ISL_876927, EPI_ISL_876928, EPI_ISL_876929, EPI_ISL_876930, EPI_ISL_876931, EPI_ISL_876932, EPI_ISL_876933, EPI_ISL_876934, EPI_ISL_876935, EPI_ISL_876936, EPI_ISL_876937, EPI_ISL_876938, EPI_ISL_876939, EPI_ISL_876940, EPI_ISL_876941, EPI_ISL_876942, EPI_ISL_876943, EPI_ISL_876944, EPI_ISL_876945, EPI_ISL_876946, EPI_ISL_876947, EPI_ISL_876948, EPI_ISL_876949, EPI_ISL_876950, EPI_ISL_876951, EPI_ISL_876952, EPI_ISL_876953, EPI_ISL_876954, EPI_ISL_876955, EPI_ISL_876956, EPI_ISL_876957, EPI_ISL_876958, EPI_ISL_876959, EPI_ISL_876960, EPI_ISL_876961, EPI_ISL_876962, EPI_ISL_876963, EPI_ISL_876964, EPI_ISL_876965, EPI_ISL_876966, EPI_ISL_876967, EPI_ISL_876968, EPI_ISL_877037, EPI_ISL_877038, EPI_ISL_877039, EPI_ISL_877040, EPI_ISL_877041, EPI_ISL_877042, EPI_ISL_877043, EPI_ISL_877044, EPI_ISL_877045, EPI_ISL_877046, EPI_ISL_877047, EPI_ISL_877048, EPI_ISL_877049, EPI_ISL_877050, EPI_ISL_877051, EPI_ISL_877052, EPI_ISL_877053, EPI_ISL_877054, EPI_ISL_877055, EPI_ISL_877056, EPI_ISL_877057, EPI_ISL_877058, EPI_ISL_877059, EPI_ISL_877060, EPI_ISL_877061, EPI_ISL_877062, EPI_ISL_877063, EPI_ISL_877064, EPI_ISL_877065, EPI_ISL_877066, EPI_ISL_877067, EPI_ISL_877068, EPI_ISL_877069, EPI_ISL_877070, EPI_ISL_877071, EPI_ISL_877072, EPI_ISL_877073, EPI_ISL_877074, EPI_ISL_877075, EPI_ISL_877076, EPI_ISL_877077, EPI_ISL_877078, EPI_ISL_877079, EPI_ISL_877080, EPI_ISL_877081, EPI_ISL_877082, EPI_ISL_877083, EPI_ISL_877084, EPI_ISL_877085, EPI_ISL_877086, EPI_ISL_877087, EPI_ISL_877088, EPI_ISL_877089, EPI_ISL_877090, EPI_ISL_877091, EPI_ISL_877092, EPI_ISL_877093, EPI_ISL_877094, EPI_ISL_877095, EPI_ISL_877096, EPI_ISL_877097, EPI_ISL_877098, EPI_ISL_877099, EPI_ISL_877100, EPI_ISL_877101, EPI_ISL_877102, EPI_ISL_877103, EPI_ISL_877104, EPI_ISL_877105, EPI_ISL_877106, EPI_ISL_877107, EPI_ISL_877108, EPI_ISL_877109, EPI_ISL_877110, EPI_ISL_877111, EPI_ISL_877112, EPI_ISL_877113, EPI_ISL_877114, EPI_ISL_877115, EPI_ISL_877116, EPI_ISL_877117, EPI_ISL_877118, EPI_ISL_877119, EPI_ISL_877120, EPI_ISL_877121, EPI_ISL_877122, EPI_ISL_877123, EPI_ISL_877124, EPI_ISL_877125	Quest Diagnostics	Quest Diagnostics	Rosenthal,S.H., Gerasimova,A., Kagan,R.M., Anderson, B., Hua, M., Liu Y., Bernstein, L.E., Livingston, K.E., Perez, A., Shalhout, D.F., Shlyakhter, I.A., Owen, R., Tanpaiboon, P., Lacbawan, F.
EPI_ISL_877133, EPI_ISL_877134, EPI_ISL_877135, EPI_ISL_877136, EPI_ISL_877137, EPI_ISL_877138, EPI_ISL_877139, EPI_ISL_877140, EPI_ISL_877141, EPI_ISL_877142, EPI_ISL_877143, EPI_ISL_877144, EPI_ISL_877145, EPI_ISL_877146, EPI_ISL_877147, EPI_ISL_877148, EPI_ISL_877149, EPI_ISL_877150, EPI_ISL_877151, EPI_ISL_877152, EPI_ISL_877153, EPI_ISL_877154, EPI_ISL_877155, EPI_ISL_877156, EPI_ISL_877157, EPI_ISL_877158, EPI_ISL_877159, EPI_ISL_877160, EPI_ISL_877161, EPI_ISL_877162, EPI_ISL_877163, EPI_ISL_877164, EPI_ISL_877165, EPI_ISL_877166, EPI_ISL_877167, EPI_ISL_877168, EPI_ISL_877169, EPI_ISL_877170, EPI_ISL_877171, EPI_ISL_877172, EPI_ISL_877173, EPI_ISL_877174, EPI_ISL_877175, EPI_ISL_877176, EPI_ISL_877177, EPI_ISL_877178, EPI_ISL_877179, EPI_ISL_877180, EPI_ISL_877181, EPI_ISL_877182, EPI_ISL_877183, EPI_ISL_877184, EPI_ISL_877185	University of New Mexico Hospital	Center for Global Health, University of New Mexico Health Sciences Center	Daryl Domman, Kurt Schwalm, Justin Bacca, Jon Femling, Darrell Dinwiddie
EPI_ISL_877186, EPI_ISL_877187, EPI_ISL_877188, EPI_ISL_877189, EPI_ISL_877190, EPI_ISL_877191, EPI_ISL_877192, EPI_ISL_877193, EPI_ISL_877194, EPI_ISL_877195, EPI_ISL_877196, EPI_ISL_877197, EPI_ISL_877198, EPI_ISL_877199, EPI_ISL_877200, EPI_ISL_877201, EPI_ISL_877202, EPI_ISL_877203, EPI_ISL_877204	Quest Diagnostics	Quest Diagnostics	Rosenthal,S.H., Gerasimova,A., Kagan,R.M., Anderson, B., Hua, M., Liu Y., Bernstein, L.E., Livingston, K.E., Perez, A., Shalhout, D.F., Shlyakhter, I.A., Owen, R., Tanpaiboon, P., Lacbawan, F.
EPI_ISL_877237, EPI_ISL_877238, EPI_ISL_877239, EPI_ISL_877240, EPI_ISL_877241, EPI_ISL_877242, EPI_ISL_877243, EPI_ISL_877244, EPI_ISL_877245, EPI_ISL_877246, EPI_ISL_877247, EPI_ISL_877248, EPI_ISL_877249, EPI_ISL_877250, EPI_ISL_877251, EPI_ISL_877252, EPI_ISL_877253, EPI_ISL_877254, EPI_ISL_877255, EPI_ISL_877256, EPI_ISL_877257, EPI_ISL_877258, EPI_ISL_877259, EPI_ISL_877260, EPI_ISL_877261, EPI_ISL_877262, EPI_ISL_877263, EPI_ISL_877264, EPI_ISL_877265, EPI_ISL_877266, EPI_ISL_877267, EPI_ISL_877268, EPI_ISL_877269, EPI_ISL_877270, EPI_ISL_877271, EPI_ISL_877272, EPI_ISL_877273, EPI_ISL_877274, EPI_ISL_877275, EPI_ISL_877276, EPI_ISL_877277, EPI_ISL_877278, EPI_ISL_877279, EPI_ISL_877280, EPI_ISL_877281, EPI_ISL_877282, EPI_ISL_877283, EPI_ISL_877284, EPI_ISL_877285, EPI_ISL_877286, EPI_ISL_877287, EPI_ISL_877288, EPI_ISL_877289, EPI_ISL_877290, EPI_ISL_877291, EPI_ISL_877292, EPI_ISL_877293, EPI_ISL_877294, EPI_ISL_877295, EPI_ISL_877296, EPI_ISL_877297, EPI_ISL_877298, EPI_ISL_877299, EPI_ISL_877300, EPI_ISL_877301, EPI_ISL_877302, EPI_ISL_877303, EPI_ISL_877304, EPI_ISL_877305, EPI_ISL_877306, EPI_ISL_877307, EPI_ISL_877308, EPI_ISL_877309, EPI_ISL_877310, EPI_ISL_877311, EPI_ISL_877312, EPI_ISL_877313, EPI_ISL_877314, EPI_ISL_877315, EPI_ISL_877316, EPI_ISL_877317, EPI_ISL_877318, EPI_ISL_877319, EPI_ISL_877320, EPI_ISL_877321, EPI_ISL_877322, EPI_ISL_877323, EPI_ISL_877324, EPI_ISL_877325, EPI_ISL_877326, EPI_ISL_877327, EPI_ISL_877328	Eurofins Diatherix	Hudsonalpha Genome Sequencing Center	Jane Grimwood, Melissa Williams, Lori H. Handley, Joshua Stough, Leslie Malone, Stefania Brzezinski, Ada Stewart, Teresa Jones, Jenell Webber, John Lovell, Jennifer Cart, and Jeremy Schmutz
see above			