

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_1001032	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Department
EPI_ISL_1005486, EPI_ISL_1005488, EPI_ISL_1005490	Los Angeles County PHL	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1005495, EPI_ISL_1005497, EPI_ISL_1005498, EPI_ISL_1005499, EPI_ISL_1005500, EPI_ISL_1005502, EPI_ISL_1005505, EPI_ISL_1005506, EPI_ISL_1005507	USC Clinical Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1005508, EPI_ISL_1005509, EPI_ISL_1005510	Los Angeles County PHL	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1005511, EPI_ISL_1005514, EPI_ISL_1005517, EPI_ISL_1005518, EPI_ISL_1005519, EPI_ISL_1005520, EPI_ISL_1005521	UCLA Clinical Micro Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1005533	USC Clinical Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1005544, EPI_ISL_1005546, EPI_ISL_1005547, EPI_ISL_1005548, EPI_ISL_1005549	UCLA Clinical Micro Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1005555	MD Laboratories	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1005557	Los Angeles Community Hospital	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1008768, EPI_ISL_1008790, EPI_ISL_1008791	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_1009251	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_1009823, EPI_ISL_1009850	Curative Labs, Inc.	Wyoming Public Health Laboratory	Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Bailey Bowcutt, and Wanda Manley
EPI_ISL_1009869, EPI_ISL_1009870, EPI_ISL_1009873, EPI_ISL_1009875, EPI_ISL_1009880, EPI_ISL_1009885, EPI_ISL_1009887, EPI_ISL_1009888, EPI_ISL_1009898, EPI_ISL_1009900, EPI_ISL_1009902, EPI_ISL_1009908, EPI_ISL_1009911, EPI_ISL_1009912, EPI_ISL_1009914, EPI_ISL_1009915, EPI_ISL_1009917, EPI_ISL_1009918, EPI_ISL_1009919, EPI_ISL_1009920, EPI_ISL_1009921, EPI_ISL_1009922, EPI_ISL_1009923, EPI_ISL_1009924, EPI_ISL_1009925, EPI_ISL_1009926, EPI_ISL_1009927, EPI_ISL_1009930, EPI_ISL_1009931, EPI_ISL_1009932, EPI_ISL_1009933, EPI_ISL_1009934, EPI_ISL_1009937, EPI_ISL_1009940, EPI_ISL_1009941, EPI_ISL_1009942, EPI_ISL_1009943, EPI_ISL_1009944, EPI_ISL_1009945, EPI_ISL_1009948, EPI_ISL_1009949, EPI_ISL_1009951, EPI_ISL_1009952, EPI_ISL_1009955, EPI_ISL_1009956, EPI_ISL_1009958, EPI_ISL_1009959, EPI_ISL_1009962, EPI_ISL_1009964, EPI_ISL_1009965, EPI_ISL_1009966, EPI_ISL_1009968, EPI_ISL_1009970, EPI_ISL_1009975, EPI_ISL_1009976, EPI_ISL_1009977, EPI_ISL_1009978, EPI_ISL_1009980, EPI_ISL_1009983, EPI_ISL_1009985, EPI_ISL_1009986, EPI_ISL_1009988, EPI_ISL_1009989, EPI_ISL_1009991, EPI_ISL_1009994, EPI_ISL_1009996, EPI_ISL_1009997, EPI_ISL_1009999, EPI_ISL_1010001, EPI_ISL_1010003, EPI_ISL_1010004, EPI_ISL_1010005, EPI_ISL_1010007, EPI_ISL_1010009, EPI_ISL_1010010, EPI_ISL_1010011, EPI_ISL_1010014, EPI_ISL_1010015, EPI_ISL_1010016, EPI_ISL_1010018, EPI_ISL_1010019, EPI_ISL_1010020, EPI_ISL_1010021, EPI_ISL_1010024, EPI_ISL_1010025, EPI_ISL_1010026, EPI_ISL_1010027, EPI_ISL_1010028, EPI_ISL_1010029, EPI_ISL_1010031, EPI_ISL_1010032, EPI_ISL_1010033, EPI_ISL_1010038, EPI_ISL_1010039, EPI_ISL_1010042, EPI_ISL_1010043, EPI_ISL_1010045, EPI_ISL_1010046, EPI_ISL_1010049, EPI_ISL_1010052, EPI_ISL_1010053, EPI_ISL_1010055, EPI_ISL_1010056, EPI_ISL_1010057, EPI_ISL_1010060, EPI_ISL_1010061, EPI_ISL_1010062, EPI_ISL_1010063, EPI_ISL_1010065, EPI_ISL_1010066, EPI_ISL_1010068, EPI_ISL_1010069, EPI_ISL_1010070, EPI_ISL_1010071, EPI_ISL_1010072, EPI_ISL_1010073, EPI_ISL_1010074, EPI_ISL_1010075, EPI_ISL_1010076, EPI_ISL_1010077, EPI_ISL_1010078, EPI_ISL_1010079, EPI_ISL_1010080, EPI_ISL_1010081, EPI_ISL_1010082, EPI_ISL_1010101, EPI_ISL_1010104, EPI_ISL_1010105, EPI_ISL_1010106, EPI_ISL_1010108, EPI_ISL_1010110, EPI_ISL_1010111, EPI_ISL_1010112, EPI_ISL_1010114, EPI_ISL_1010116, EPI_ISL_1010117, EPI_ISL_1010118, EPI_ISL_1010119, EPI_ISL_1010121, EPI_ISL_1010122, EPI_ISL_1010123, EPI_ISL_1010124, EPI_ISL_1010126, EPI_ISL_1010127, EPI_ISL_1010128, EPI_ISL_1010130, EPI_ISL_1010132, EPI_ISL_1010137, EPI_ISL_1010148, EPI_ISL_1010157, EPI_ISL_1010158, EPI_ISL_1010159, EPI_ISL_1010160, EPI_ISL_1010161, EPI_ISL_1010162, EPI_ISL_1010163, EPI_ISL_1010165, EPI_ISL_1010169, EPI_ISL_1010170, EPI_ISL_1010175, EPI_ISL_1010177, EPI_ISL_1010178, EPI_ISL_1010179, EPI_ISL_1010181, EPI_ISL_1010184, EPI_ISL_1010186, EPI_ISL_1010188, EPI_ISL_1010189, EPI_ISL_1010190, EPI_ISL_1010191, EPI_ISL_1010192, EPI_ISL_1010193, EPI_ISL_1010195, EPI_ISL_1010199, EPI_ISL_1010200, EPI_ISL_1010202, EPI_ISL_1010203, EPI_ISL_1010204, EPI_ISL_1010206, EPI_ISL_1010208, EPI_ISL_1010211, EPI_ISL_1010212, EPI_ISL_1010215, EPI_ISL_1010216, EPI_ISL_1010217, EPI_ISL_1010218, EPI_ISL_1010220, EPI_ISL_1010222, EPI_ISL_1010223, EPI_ISL_1010226, EPI_ISL_1010229, EPI_ISL_1010231, EPI_ISL_1010232, EPI_ISL_1010233, EPI_ISL_1010234, EPI_ISL_1010235, EPI_ISL_1010238, EPI_ISL_1010239, EPI_ISL_1010240, EPI_ISL_1010241, EPI_ISL_1010242, EPI_ISL_1010244, EPI_ISL_1010246, EPI_ISL_1010248, EPI_ISL_1010251, EPI_ISL_1010253, EPI_ISL_1010256, EPI_ISL_1010259, EPI_ISL_1010260, EPI_ISL_1010263, EPI_ISL_1010265, EPI_ISL_1010266, EPI_ISL_1010270, EPI_ISL_1010272, EPI_ISL_1010273, EPI_ISL_1010276, EPI_ISL_1010277, EPI_ISL_1010279, EPI_ISL_1010281, EPI_ISL_1010282, EPI_ISL_1010283, EPI_ISL_1010284, EPI_ISL_1010285, EPI_ISL_1010288, EPI_ISL_1010290, EPI_ISL_1010291, EPI_ISL_1010293, EPI_ISL_1010294, EPI_ISL_1010299, EPI_ISL_1010300, EPI_ISL_1010301, EPI_ISL_1010304, EPI_ISL_1010306, EPI_ISL_1010307, EPI_ISL_1010309, EPI_ISL_1010310, EPI_ISL_1010311, EPI_ISL_1010312, EPI_ISL_1010313, EPI_ISL_1010315, EPI_ISL_1010316, EPI_ISL_1010317, EPI_ISL_1010318, EPI_ISL_1010320, EPI_ISL_1010321, EPI_ISL_1010322, EPI_ISL_1010323, EPI_ISL_1010324, EPI_ISL_1010327, EPI_ISL_1010330, EPI_ISL_1010332, EPI_ISL_1010333, EPI_ISL_1010334, EPI_ISL_1010335, EPI_ISL_1010340, EPI_ISL_1010344, EPI_ISL_1010345, EPI_ISL_1010348, EPI_ISL_1010350, EPI_ISL_1010352, EPI_ISL_1010353, EPI_ISL_1010357, EPI_ISL_1010358, EPI_ISL_1010360, EPI_ISL_1010361, EPI_ISL_1010362, EPI_ISL_1010363, EPI_ISL_1010364, EPI_ISL_1010367, EPI_ISL_1010371, EPI_ISL_1010376, EPI_ISL_1010377, EPI_ISL_1010378, EPI_ISL_1010379, EPI_ISL_1010381, EPI_ISL_1010382, EPI_ISL_1010383, EPI_ISL_1010386, EPI_ISL_1010387, EPI_ISL_1010388, EPI_ISL_1010389, EPI_ISL_1010391, EPI_ISL_1010393, EPI_ISL_1010395, EPI_ISL_1010397, EPI_ISL_1010398, EPI_ISL_1010399, EPI_ISL_1010400, EPI_ISL_1010401, EPI_ISL_1010403, EPI_ISL_1010404, EPI_ISL_1010408, EPI_ISL_1010410, EPI_ISL_1010412, EPI_ISL_1010413, EPI_ISL_1010415, EPI_ISL_1010417, EPI_ISL_1010418, EPI_ISL_1010419, EPI_ISL_1010420, EPI_ISL_1010423, EPI_ISL_1010427, EPI_ISL_1010428, EPI_ISL_1010429, EPI_ISL_1010431, EPI_ISL_1010435, EPI_ISL_1010436, EPI_ISL_1010438, EPI_ISL_1010439, EPI_ISL_1010440, EPI_ISL_1010442, EPI_ISL_1010443, EPI_ISL_1010444, EPI_ISL_1010445, EPI_ISL_1010446, EPI_ISL_1010447, EPI_ISL_1010449, EPI_ISL_1010451, EPI_ISL_1010452, EPI_ISL_1010453, EPI_ISL_1010454, EPI_ISL_1010455, EPI_ISL_1010461, EPI_ISL_1010462, EPI_ISL_1010466, EPI_ISL_1010468, EPI_ISL_1010469, EPI_ISL_1010470, EPI_ISL_1010471, EPI_ISL_1010475, EPI_ISL_1010478, EPI_ISL_1010479, EPI_ISL_1010480, EPI_ISL_1010482, EPI_ISL_1010483, EPI_ISL_1010487, EPI_ISL_1010492, EPI_ISL_1010500, EPI_ISL_1010501, EPI_ISL_1010508, EPI_ISL_1010509, EPI_ISL_1010510, EPI_ISL_1010511, EPI_ISL_1010513, EPI_ISL_1010517, EPI_ISL_1010519, EPI_ISL_1010520, EPI_ISL_1010526, EPI_ISL_1010527, EPI_ISL_1010528, EPI_ISL_1010530, EPI_ISL_1010531, EPI_ISL_1010532, EPI_ISL_1010534, EPI_ISL_1010535, EPI_ISL_1010537, EPI_ISL_1010539, EPI_ISL_1010541, EPI_ISL_1010542, EPI_ISL_1010543, EPI_ISL_1010544, EPI_ISL_1010545, EPI_ISL_1010547, EPI_ISL_1010548, EPI_ISL_1010549, EPI_ISL_1010550, EPI_ISL_1010551, EPI_ISL_1010552, EPI_ISL_1010553, EPI_ISL_1010555, EPI_ISL_1010559, EPI_ISL_1010560, EPI_ISL_1010562, EPI_ISL_1010563, EPI_ISL_1010565, EPI_ISL_1010566, EPI_ISL_1010568, EPI_ISL_1010569, EPI_ISL_1010570, EPI_ISL_1010571, EPI_ISL_1010575, EPI_ISL_1010576, EPI_ISL_1010582, EPI_ISL_1010585, EPI_ISL_1010586, EPI_ISL_1010591, EPI_ISL_1010595, EPI_ISL_1010597, EPI_ISL_1010599, EPI_ISL_1010604, EPI_ISL_1010606, EPI_ISL_1010609, EPI_ISL_1010610, EPI_ISL_1010612, EPI_ISL_1010613, EPI_ISL_1010614, EPI_ISL_1010615, EPI_ISL_1010618, EPI_ISL_1010619, EPI_ISL_1010620, EPI_ISL_1010621, EPI_ISL_1010622, EPI_ISL_1010624, EPI_ISL_1010626, EPI_ISL_1010628, EPI_ISL_1010630, EPI_ISL_1010632, EPI_ISL_1010633, EPI_ISL_1010634, EPI_ISL_1010635, EPI_ISL_1010636, EPI_ISL_1010639, EPI_ISL_1010642, EPI_ISL_1010644, EPI_ISL_1010646, EPI_ISL_1010647, EPI_ISL_1010648, EPI_ISL_1010649, EPI_ISL_1010652, EPI_ISL_1010657, EPI_ISL_1010658, EPI_ISL_1010660, EPI_ISL_1010671, EPI_ISL_1010672, EPI_ISL_1010674, EPI_ISL_1010675, EPI_ISL_1010676, EPI_ISL_1010678, EPI_ISL_1010680, EPI_ISL_1010681, EPI_ISL_1010682, EPI_ISL_1010683, EPI_ISL_1010684, EPI_ISL_1010686, EPI_ISL_1010690, EPI_ISL_1010693, EPI_ISL_1010694, EPI_ISL_1010695, EPI_ISL_1010696, EPI_ISL_1010698	see above	Fulgent Genetics	Harry Gao, Mickey Li, John Gao, Joseph Fierro, Benafsh Sapra, Becky Tsai, Yan Meng, Doreen Ng, James Xie
EPI_ISL_1010706	Area of Virology, Serology and Virology Division (SAVID), New South Wales Health Pathology Randwick	Microbiology RPAH	Foster, C.; Au, J.; Ruiz Silva, M.; Deveson, I.; Bull, R.; Van Hal, S.; Rawlinson, W.
EPI_ISL_1010708	New South Wales Health Pathology Royal Prince Alfred Hospital	Microbiology RPAH	Foster, C.; Au, J.; Ruiz Silva, M.; Deveson, I.; Bull, R.; Van Hal, S.; Rawlinson, W.
EPI_ISL_1010738, EPI_ISL_1010740, EPI_ISL_1010743, EPI_ISL_1010744, EPI_ISL_1010745, EPI_ISL_1010746, EPI_ISL_1010747, EPI_ISL_1010749, EPI_ISL_1010750, EPI_ISL_1010752, EPI_ISL_1010754, EPI_ISL_1010756, EPI_ISL_1010758, EPI_ISL_1010759, EPI_ISL_1010760, EPI_ISL_1010761, EPI_ISL_1010762, EPI_ISL_1010764, EPI_ISL_1010765, EPI_ISL_1010769, EPI_ISL_1010772, EPI_ISL_1010773, EPI_ISL_1010775, EPI_ISL_1010776, EPI_ISL_1010779, EPI_ISL_1010780, EPI_ISL_1010781, EPI_ISL_1010783, EPI_ISL_1010784, EPI_ISL_1010785, EPI_ISL_1010788, EPI_ISL_1010789, EPI_ISL_1010794, EPI_ISL_1010796, EPI_ISL_1010797, EPI_ISL_1010799, EPI_ISL_1010800, EPI_ISL_1010806, EPI_ISL_1010807, EPI_ISL_1010809, EPI_ISL_1010812, EPI_ISL_1010813, EPI_ISL_1010818, EPI_ISL_1010820, EPI_ISL_1010821, EPI_ISL_1010822, EPI_ISL_1010823, EPI_ISL_1010828, EPI_ISL_1010829, EPI_ISL_1010831, EPI_ISL_1010832, EPI_ISL_1010834, EPI_ISL_1010836, EPI_ISL_1010837, EPI_ISL_1010839, EPI_ISL_1010842, EPI_ISL_1010845, EPI_ISL_1010848, EPI_ISL_1010849, EPI_ISL_1010850, EPI_ISL_1010851, EPI_ISL_1010852, EPI_ISL_1010853, EPI_ISL_1010854, EPI_ISL_1010855, EPI_ISL_1010856, EPI_ISL_1010857, EPI_ISL_1010858, EPI_ISL_1010859, EPI_ISL_1010862, EPI_ISL_1010863, EPI_ISL_1010864, EPI_ISL_1010865, EPI_ISL_1010866, EPI_ISL_1010867, EPI_ISL_1010868, EPI_ISL_1010869, EPI_ISL_1010871, EPI_ISL_1010872, EPI_ISL_1010875, EPI_ISL_1010877, EPI_ISL_1010883, EPI_ISL_1010887, EPI_ISL_1010889, EPI_ISL_1010891, EPI_ISL_1010892, EPI_ISL_1010893, EPI_ISL_1010894, EPI_ISL_1010896, EPI_ISL_1010898, EPI_ISL_1010903, EPI_ISL_1010904, EPI_ISL_1010905, EPI_ISL_1010909, EPI_ISL_1010911, EPI_ISL_1010912, EPI_ISL_1010916, EPI_ISL_1010921, EPI_ISL_1010922, EPI_ISL_1010924, EPI_ISL_1010925, EPI_ISL_1010927, EPI_ISL_1010929, EPI_ISL_1010930, EPI_ISL_1010931, EPI_ISL_1010933, EPI_ISL_1010934, EPI_ISL_1010935, EPI_ISL_1010936, EPI_ISL_1010937, EPI_ISL_1010938, EPI_ISL_1010939, EPI_ISL_1010941, EPI_ISL_1010942, EPI_ISL_1010945, EPI_ISL_1010946, EPI_ISL_1010948, EPI_ISL_1010949, EPI_ISL_1010951, EPI_ISL_1010953, EPI_ISL_1010954, EPI_ISL_1010956, EPI_ISL_1010957, EPI_ISL_1010958, EPI_ISL_1010959, EPI_ISL_1010962, EPI_ISL_1010965, EPI_ISL_1010966, EPI_ISL_1010967, EPI_ISL_1010968, EPI_ISL_1010969, EPI_ISL_1010971, EPI_ISL_1010972, EPI_ISL_1010973, EPI_ISL_1010974, EPI_ISL_1010975, EPI_ISL_1010978, EPI_ISL_1010980, EPI_ISL_1010981, EPI_ISL_1010982, EPI_ISL_1010983, EPI_ISL_1010984, EPI_ISL_1010985, EPI_ISL_1010986, EPI_ISL_1010987, EPI_ISL_1010988, EPI_ISL_1010989, EPI_ISL_1010990, EPI_ISL_1010992, EPI_ISL_1010993, EPI_ISL_1010994, EPI_ISL_1010997, EPI_ISL_1011002, EPI_ISL_1011003, EPI_ISL_1011004, EPI_ISL_1011006, EPI_ISL_1011007, EPI_ISL_1011008, EPI_ISL_1011010, EPI_ISL_1011012, EPI_ISL_1011013, EPI_ISL_1011014, EPI_ISL_1011015, EPI_ISL_1011017, EPI_ISL_1011019, EPI_ISL_1011020, EPI_ISL_1011022, EPI_ISL_1011023, EPI_ISL_1011025, EPI_ISL_1011027, EPI_ISL_1011029, EPI_ISL_1011030, EPI_ISL_1011031, EPI_ISL_1011034, EPI_ISL_1011036, EPI_ISL_1011038, EPI_ISL_1011040, EPI_ISL_1011041, EPI_ISL_1011042, EPI_ISL_1011043, EPI_ISL_1011045, EPI_ISL_1011047, EPI_ISL_1011048, EPI_ISL_1011050, EPI_ISL_1011052, EPI_ISL_1011058, EPI_ISL_1011060, EPI_ISL_1011061, EPI_ISL_1011062, EPI_ISL_1011063, EPI_ISL_1011064, EPI_ISL_1011065, EPI_ISL_1011068, EPI_ISL_1011069, EPI_ISL_1011070, EPI_ISL_1011071, EPI_ISL_1011072, EPI_ISL_1011074, EPI_ISL_1011075, EPI_ISL_1011076, EPI_ISL_1011077,			

EPI_ISL_1011078, EPI_ISL_1011079, EPI_ISL_1011080, EPI_ISL_1011082, EPI_ISL_1011083, EPI_ISL_1011085, EPI_ISL_1011086, EPI_ISL_1011087, EPI_ISL_1011091, EPI_ISL_1011092, EPI_ISL_1011093, EPI_ISL_1011094, EPI_ISL_1011095, EPI_ISL_1011096, EPI_ISL_1011098, EPI_ISL_1011102, EPI_ISL_1011103, EPI_ISL_1011106, EPI_ISL_1011107, EPI_ISL_1011110, EPI_ISL_1011114, EPI_ISL_1011116, EPI_ISL_1011120, EPI_ISL_1011121, EPI_ISL_1011122, EPI_ISL_1011123, EPI_ISL_1011124, EPI_ISL_1011126, EPI_ISL_1011127, EPI_ISL_1011130, EPI_ISL_1011131, EPI_ISL_1011132, EPI_ISL_1011137, EPI_ISL_1011138, EPI_ISL_1011140, EPI_ISL_1011141, EPI_ISL_1011144, EPI_ISL_1011145, EPI_ISL_1011148, EPI_ISL_1011156, EPI_ISL_1011153, EPI_ISL_1011157, EPI_ISL_1011160, EPI_ISL_1011161, EPI_ISL_1011164, EPI_ISL_1011165, EPI_ISL_1011166, EPI_ISL_1011167, EPI_ISL_1011171, EPI_ISL_1011173, EPI_ISL_1011175, EPI_ISL_1011179, EPI_ISL_1011180, EPI_ISL_1011181, EPI_ISL_1011183, EPI_ISL_1011184, EPI_ISL_1011186, EPI_ISL_1011189, EPI_ISL_1011190, EPI_ISL_1011191, EPI_ISL_1011192, EPI_ISL_1011194, EPI_ISL_1011195, EPI_ISL_1011196, EPI_ISL_1011197, EPI_ISL_1011199, EPI_ISL_1011200, EPI_ISL_101201, EPI_ISL_101202, EPI_ISL_101203, EPI_ISL_101206, EPI_ISL_101208, EPI_ISL_101210, EPI_ISL_101211, EPI_ISL_101212, EPI_ISL_101221, EPI_ISL_101222, EPI_ISL_101224, EPI_ISL_101227, EPI_ISL_101228, EPI_ISL_101232, EPI_ISL_101236, EPI_ISL_101237, EPI_ISL_101239, EPI_ISL_101241, EPI_ISL_101243, EPI_ISL_101244, EPI_ISL_101246, EPI_ISL_101248, EPI_ISL_101249, EPI_ISL_101250, EPI_ISL_101253, EPI_ISL_101256, EPI_ISL_101260, EPI_ISL_101261, EPI_ISL_101265, EPI_ISL_101266, EPI_ISL_101269, EPI_ISL_101271, EPI_ISL_101275, EPI_ISL_101276, EPI_ISL_101277, EPI_ISL_101278, EPI_ISL_101279, EPI_ISL_101280, EPI_ISL_101281, EPI_ISL_101282, EPI_ISL_101285, EPI_ISL_101286, EPI_ISL_101288, EPI_ISL_101289, EPI_ISL_101290, EPI_ISL_101291, EPI_ISL_101292, EPI_ISL_101293, EPI_ISL_101294, EPI_ISL_101295, EPI_ISL_101297, EPI_ISL_101300, EPI_ISL_101302, EPI_ISL_101312, EPI_ISL_101316, EPI_ISL_101317, EPI_ISL_101319, EPI_ISL_101321, EPI_ISL_101324, EPI_ISL_101325, EPI_ISL_101326, EPI_ISL_101327, EPI_ISL_101330, EPI_ISL_101333, EPI_ISL_101337, EPI_ISL_101340, EPI_ISL_101346, EPI_ISL_101347, EPI_ISL_101348, EPI_ISL_101353, EPI_ISL_101354, EPI_ISL_101355, EPI_ISL_101360, EPI_ISL_101362, EPI_ISL_101365, EPI_ISL_101366, EPI_ISL_101371, EPI_ISL_101376, EPI_ISL_101377, EPI_ISL_101378, EPI_ISL_101379, EPI_ISL_101380, EPI_ISL_101385, EPI_ISL_101386, EPI_ISL_101390, EPI_ISL_101391, EPI_ISL_101393, EPI_ISL_101394, EPI_ISL_101398, EPI_ISL_101400, EPI_ISL_101401, EPI_ISL_101406, EPI_ISL_101407, EPI_ISL_101409, EPI_ISL_101412, EPI_ISL_101414, EPI_ISL_101415, EPI_ISL_101416, EPI_ISL_101418, EPI_ISL_101419, EPI_ISL_101420, EPI_ISL_101421, EPI_ISL_101422, EPI_ISL_101423, EPI_ISL_101425, EPI_ISL_101427, EPI_ISL_101428, EPI_ISL_101429, EPI_ISL_101434, EPI_ISL_101435, EPI_ISL_101436, EPI_ISL_101437, EPI_ISL_101442, EPI_ISL_101443, EPI_ISL_101444, EPI_ISL_101445, EPI_ISL_101447, EPI_ISL_101452, EPI_ISL_101457, EPI_ISL_101459, EPI_ISL_101460, EPI_ISL_101461, EPI_ISL_101463, EPI_ISL_101466, EPI_ISL_101468, EPI_ISL_101469, EPI_ISL_101472, EPI_ISL_101476, EPI_ISL_101478, EPI_ISL_101479, EPI_ISL_101484, EPI_ISL_101488, EPI_ISL_101489, EPI_ISL_101490, EPI_ISL_101498, EPI_ISL_101502, EPI_ISL_101503, EPI_ISL_101504, EPI_ISL_101505, EPI_ISL_101506, EPI_ISL_101507, EPI_ISL_101508	see above	Fulgent Genetics	Fulgent Genetics	Harry Gao, Mickey Li, John Gao, Joseph Fierro, Benafsh Sapra, Becky Tsai, Yan Meng, Doreen Ng, James Xie
EPI_ISL_1011602, EPI_ISL_1011603, EPI_ISL_1011608, EPI_ISL_1011644, EPI_ISL_1011653, EPI_ISL_1011654, EPI_ISL_1011655, EPI_ISL_1011660, EPI_ISL_1011666, EPI_ISL_1011667, EPI_ISL_1011669, EPI_ISL_1011672, EPI_ISL_1011676, EPI_ISL_1011677	see above	Warrior Diagnostics Laboratory	Infectious Disease Program, Broad Institute of Harvard and MIT	Lemieux,J.E., Siddle,K.J., Marshall,J., O'Neill,M., Bronson,A., Adams,G., Gladden-Young,A., Lagerborg,K., Rudy,M., DeRuff,K., Carter,A., Normandin,E., Bauer,M., Reilly,S., Tomkins-Tinch,C., Loreth,C., Chaluvadi,S., Birren,B.W., Gallagher,G., Smole,S., Park,D.J., MacInnis,B.L., and Sabeti,P.C.
EPI_ISL_1011723		Rhode Island Department of Health	Infectious Disease Program, Broad Institute of Harvard and MIT	Lemieux,J.E., Siddle,K.J., Huard,R., King,E., Azevedo,K., Miller,A., Adams,G., Gladden-Young,A., Lagerborg,K., Rudy,M., DeRuff,K., Carter,A., Normandin,E., Bauer,M., Reilly,S., Tomkins-Tinch,C., Loreth,C., Chaluvadi,S., Birren,B.W., Gallagher,G., Smole,S., Park,D.J., MacInnis,B.L., and Sabeti,P.C.
EPI_ISL_1012903	New Mexico Department of Health Scientific Laboratory	New Mexico Department of Health Scientific Laboratory		Ellie Johnson, Anastacia Griego-Fisher, D'eldra Malone, Jennifer Benoit
EPI_ISL_1013418, EPI_ISL_1013430, EPI_ISL_1013437	Institut Pasteur de Guadeloupe	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris		Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf,Talarmin Antoine
EPI_ISL_1014656	Dutch COVID-19 response team	National Institute for Public Health and the Environment (RIVM)		Adam Meijer, Harry Vennema, Dirk Eggink, Jeroen Cremer, Sharon van den Brink, Bas van der Veer, AnneMarie van den Brandt, Florian Zwagemaker, Dennis Schmitz, Chantal Reusken, on behalf of the national COVID-19 response team
EPI_ISL_1014791, EPI_ISL_1014798	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology		Valesano
EPI_ISL_1015336, EPI_ISL_1015338	Univeristy of New Mexico Hospital	Center for Global Health, University of New Mexico Health Sciences Center		Daryl Domman, Kurt Schwalm, Justin Bacca, Jon Femling, Darrell Dinwiddie
EPI_ISL_1015580	Maryland Public Health Laboratory	Maryland Public Health Laboratory		Maryland Department of Health Laboratories Administration
EPI_ISL_1015711	Columbia University Irving Medical Center	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist	
EPI_ISL_1015763, EPI_ISL_1015774, EPI_ISL_1015780, EPI_ISL_1015790, EPI_ISL_1015794, EPI_ISL_1015822, EPI_ISL_1015845, EPI_ISL_1015848, EPI_ISL_1015853, EPI_ISL_1015858, EPI_ISL_1015863, EPI_ISL_1015874	see above	Altius Institute for Biomedical Sciences	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Erica Ryke, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Ryan Alexander, Daniel Bates, Rebecca Bruders, Stephanie DeBaun, Clem Green, Muhammad Halimun, Jessica Halow, Kneshay Harper, Matt Hartman, Andrew Meuser, Alex Nguyen, Truong Nguyen, Sofia Olsson, Sadie Patraw, Hannah Petersen, Tobias Ragoczy, Joshua Richards, Jacob Rodriguez, John Stamatoyannopoulos, Julia Wald, Olivia Waltner, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Helen Y. Chu, Jay Shendure, Trevor Bedford
EPI_ISL_1015878	Seattle Flu Study	Seattle Flu Study		Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Erica Ryke, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Karen Cowgill, Stephanie Schrag, Jeff Duchin, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Helen Y. Chu, Trevor Bedford, Jay Shendure
EPI_ISL_1015892, EPI_ISL_1015895, EPI_ISL_1015909, EPI_ISL_1015915, EPI_ISL_1015920, EPI_ISL_1015921, EPI_ISL_1015924, EPI_ISL_1015928, EPI_ISL_1015930, EPI_ISL_1015931, EPI_ISL_1015937, EPI_ISL_1015941, EPI_ISL_1015948, EPI_ISL_1015958, EPI_ISL_1015961, EPI_ISL_1015965, EPI_ISL_1015969, EPI_ISL_1015970, EPI_ISL_1015972, EPI_ISL_1015981, EPI_ISL_1015994, EPI_ISL_1015998	see above	Altius Institute for Biomedical Sciences	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Erica Ryke, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Ryan Alexander, Daniel Bates, Rebecca Bruders, Stephanie DeBaun, Clem Green, Muhammad Halimun, Jessica Halow, Kneshay Harper, Matt Hartman, Andrew Meuser, Alex Nguyen, Truong Nguyen, Sofia Olsson, Sadie Patraw, Hannah Petersen, Tobias Ragoczy, Joshua Richards, Jacob Rodriguez, John Stamatoyannopoulos, Julia Wald, Olivia Waltner, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Helen Y. Chu, Jay Shendure, Trevor Bedford
EPI_ISL_1016006	Seattle Flu Study	Seattle Flu Study		Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Erica Ryke, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Karen Cowgill, Stephanie Schrag, Jeff Duchin, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Helen Y. Chu, Trevor Bedford, Jay Shendure
EPI_ISL_1016145	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_1016296	Columbia University Irving Medical Center	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist	
EPI_ISL_1016492, EPI_ISL_1016498	University of Miami Immunology and Histocompatibility Laboratory	University of Miami Immunology and Histocompatibility Laboratory		Emilio Margolles-Clark, PhD and Phillip Ruiz, MD, PhD
EPI_ISL_1016510, EPI_ISL_1016524, EPI_ISL_1016532, EPI_ISL_1016549, EPI_ISL_1016555, EPI_ISL_1016570, EPI_ISL_1016575, EPI_ISL_1016597, EPI_ISL_1016606, EPI_ISL_1016608, EPI_ISL_1016609, EPI_ISL_1016611, EPI_ISL_1016612, EPI_ISL_1016614, EPI_ISL_1016618, EPI_ISL_1016623, EPI_ISL_1016626, EPI_ISL_1016632, EPI_ISL_1016634, EPI_ISL_1016640, EPI_ISL_1016645, EPI_ISL_1016646, EPI_ISL_1016647, EPI_ISL_1016652, EPI_ISL_1016658, EPI_ISL_1016682	see above	Helix/Illumina	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, Eileen de Feo, Jan Antico, Christine Tran, Matthew Tolentino, Shannon Wickline, Kim Gietzen, Brad Sickler, Jingtao Liu, Eric Allen, Phil Febbo, Summer Galloway, Nicole L. Washington, Simon White, Geraint Levan, Kelly Schiabor Barrett, Elizabeth Cirulli, Alexandre Bolze, Ary Ascencio, Charlotte Rivera-Garcia, Ryan Cho, Jason Nguyen, Sherry Wang, Jimmy Ramirez, Tyler Cassens, Efrén Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1016935, EPI_ISL_1016938	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_1017734, EPI_ISL_1017756, EPI_ISL_1017766, EPI_ISL_1017800	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_1017848, EPI_ISL_1017895, EPI_ISL_1017916	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_1018010	DOHMH Morrisania	New York City Public Health Laboratory		Jade Wang, et al.
EPI_ISL_1018040	OCME Office Of Chief Medical Examiner	New York City Public Health Laboratory		Jade Wang, et al.

EPI_ISL_1018102	General Hospital - Strumica	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov" , Macedonian Academy of Sciences and Arts	Aleksandar J. Dimovski, Dijana Plasheska-Karanfilska, Predrag Noveski, Gjorgji Bozinovski, Milena Jakimovska
EPI_ISL_1020315, EPI_ISL_1020316	Department of Laboratory Medicine, National Taiwan University Hospital	Microbial Genomics Core Lab, National Taiwan University Centers of Genomic and Precision Medicine	Shiou-Hwei Yeh, You-Yu Lin, Ya-Yun Lai, Chiao-Ling Li, Shan-Chwen Chang, Pei-Jer Chen, Sui-Yuan Chang
EPI_ISL_1020492, EPI_ISL_1020507	Columbia University Irving Medical Center	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1020722, EPI_ISL_1020732, EPI_ISL_1020770, EPI_ISL_1020829, EPI_ISL_1020853, EPI_ISL_1020857, EPI_ISL_1020882, EPI_ISL_1021058, EPI_ISL_1021131, EPI_ISL_1021139, EPI_ISL_1021169, EPI_ISL_1021170, EPI_ISL_1021173, EPI_ISL_1021198, EPI_ISL_1021232, EPI_ISL_1021241, EPI_ISL_1021245, EPI_ISL_1021309, EPI_ISL_1021310, EPI_ISL_1021311, EPI_ISL_1021313, EPI_ISL_1021314, EPI_ISL_1021315, EPI_ISL_1021325, EPI_ISL_1021368, EPI_ISL_1021391, EPI_ISL_1021397, EPI_ISL_1021402, EPI_ISL_1021416, EPI_ISL_1021546, EPI_ISL_1021612, EPI_ISL_1021619, EPI_ISL_1021622, EPI_ISL_1021641, EPI_ISL_1021648, EPI_ISL_1021671, EPI_ISL_1021680, EPI_ISL_1021695, EPI_ISL_1021696, EPI_ISL_1021697, EPI_ISL_1021698, EPI_ISL_1021724, EPI_ISL_1021773, EPI_ISL_1021794, EPI_ISL_1021795, EPI_ISL_1021810, EPI_ISL_1021814, EPI_ISL_1021826, EPI_ISL_1021830, EPI_ISL_1021837, EPI_ISL_1021838, EPI_ISL_1021899, EPI_ISL_1021914, EPI_ISL_1021915, EPI_ISL_1021916, EPI_ISL_1021923, EPI_ISL_1021931, EPI_ISL_1021935, EPI_ISL_1021936, EPI_ISL_1021937, EPI_ISL_1021961, EPI_ISL_1021968, EPI_ISL_1021975, EPI_ISL_1021982, EPI_ISL_1021990, EPI_ISL_1022003, EPI_ISL_1022064, EPI_ISL_1022091, EPI_ISL_1022099, EPI_ISL_1022101, EPI_ISL_1022105, EPI_ISL_1022122, EPI_ISL_1022123, EPI_ISL_1022124, EPI_ISL_1022125, EPI_ISL_1022126, EPI_ISL_1022128, EPI_ISL_1022135, EPI_ISL_1022139, EPI_ISL_1022140, EPI_ISL_1022141, EPI_ISL_1022161, EPI_ISL_1022162, EPI_ISL_1022163, EPI_ISL_1022164, EPI_ISL_1022189, EPI_ISL_1022190, EPI_ISL_1022202, EPI_ISL_1022226, EPI_ISL_1022326, EPI_ISL_1022328, EPI_ISL_1022337, EPI_ISL_1022354, EPI_ISL_1022358, EPI_ISL_1022375, EPI_ISL_1022381, EPI_ISL_1022393, EPI_ISL_1022394, EPI_ISL_1022409, EPI_ISL_1022417, EPI_ISL_1022419			
see above	Laboratory Corporation of America	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1022643, EPI_ISL_1022985, EPI_ISL_1023029, EPI_ISL_1023085	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Aalborg University	Danish Covid-19 Genome Consortium
EPI_ISL_1023679	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_1024432, EPI_ISL_1024533, EPI_ISL_1024645, EPI_ISL_1024649, EPI_ISL_1024777, EPI_ISL_1024805, EPI_ISL_1024828	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Aalborg University	Danish Covid-19 Genome Consortium
EPI_ISL_1025964, EPI_ISL_1025993, EPI_ISL_1026026, EPI_ISL_1026032, EPI_ISL_1026092, EPI_ISL_1026095, EPI_ISL_1026102, EPI_ISL_1026111, EPI_ISL_1026612, EPI_ISL_1026730, EPI_ISL_1026749, EPI_ISL_1026776, EPI_ISL_1026787, EPI_ISL_1026790, EPI_ISL_1026808, EPI_ISL_1026822, EPI_ISL_1026829			
see above	Laboratory Corporation of America	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1026868, EPI_ISL_1026870, EPI_ISL_1026871, EPI_ISL_1026872, EPI_ISL_1026874, EPI_ISL_1026878, EPI_ISL_1026879, EPI_ISL_1026885, EPI_ISL_1026887, EPI_ISL_1026888, EPI_ISL_1026889, EPI_ISL_1026890, EPI_ISL_1026891, EPI_ISL_1026892, EPI_ISL_1026893, EPI_ISL_1026894, EPI_ISL_1026897, EPI_ISL_1026942, EPI_ISL_1026943, EPI_ISL_1026947, EPI_ISL_1026948, EPI_ISL_1026954, EPI_ISL_1026958, EPI_ISL_1026959, EPI_ISL_1026960, EPI_ISL_1026970, EPI_ISL_1026972, EPI_ISL_1026975, EPI_ISL_1026976, EPI_ISL_1026978, EPI_ISL_1026979, EPI_ISL_1026983, EPI_ISL_1026988, EPI_ISL_1026993, EPI_ISL_1026995, EPI_ISL_1026997, EPI_ISL_1026999, EPI_ISL_1027000, EPI_ISL_1027004, EPI_ISL_1027005, EPI_ISL_1027004, EPI_ISL_1027010, EPI_ISL_1027015, EPI_ISL_1027020, EPI_ISL_1027025, EPI_ISL_1027026, EPI_ISL_1027027, EPI_ISL_1027028, EPI_ISL_1027034, EPI_ISL_1027036, EPI_ISL_1027039, EPI_ISL_1027040, EPI_ISL_1027041, EPI_ISL_1027042, EPI_ISL_1027043, EPI_ISL_1027044, EPI_ISL_1027045, EPI_ISL_1027047, EPI_ISL_1027051, EPI_ISL_1027055, EPI_ISL_1027057, EPI_ISL_1027058, EPI_ISL_1027063, EPI_ISL_1027068, EPI_ISL_1027069, EPI_ISL_1027070, EPI_ISL_1027072, EPI_ISL_1027074, EPI_ISL_1027076, EPI_ISL_1027077, EPI_ISL_1027078, EPI_ISL_1027080, EPI_ISL_1027081, EPI_ISL_1027082, EPI_ISL_1027085, EPI_ISL_1027086, EPI_ISL_1027087, EPI_ISL_1027088, EPI_ISL_1027089, EPI_ISL_1027090, EPI_ISL_1027091, EPI_ISL_1027092, EPI_ISL_1027093, EPI_ISL_1027094, EPI_ISL_1027095, EPI_ISL_1027096, EPI_ISL_1027098, EPI_ISL_1027100, EPI_ISL_1027103, EPI_ISL_1027105, EPI_ISL_1027107, EPI_ISL_1027108, EPI_ISL_1027109, EPI_ISL_1027117, EPI_ISL_1027119, EPI_ISL_1027120, EPI_ISL_1027121, EPI_ISL_1027124, EPI_ISL_1027128, EPI_ISL_1027129, EPI_ISL_1027130, EPI_ISL_1027132, EPI_ISL_1027133, EPI_ISL_1027134, EPI_ISL_1027135, EPI_ISL_1027136, EPI_ISL_1027139, EPI_ISL_1027140, EPI_ISL_1027142, EPI_ISL_1027145, EPI_ISL_1027147, EPI_ISL_1027148, EPI_ISL_1027152, EPI_ISL_1027153, EPI_ISL_1027158, EPI_ISL_1027160, EPI_ISL_1027161, EPI_ISL_1027162, EPI_ISL_1027163, EPI_ISL_1027164, EPI_ISL_1027167, EPI_ISL_1027168, EPI_ISL_1027169, EPI_ISL_1027170, EPI_ISL_1027171, EPI_ISL_1027172, EPI_ISL_1027173, EPI_ISL_1027175, EPI_ISL_1027176, EPI_ISL_1027177			
see above	Fulgent Genetics	Fulgent Genetics	Harry Gao, Mickey Li, John Gao, Joseph Fierro, Benafsh Sapra, Becky Tsai, Yan Meng, Doreen Ng, James Xie
EPI_ISL_1027297, EPI_ISL_1027298, EPI_ISL_1027305, EPI_ISL_1027346, EPI_ISL_1027356	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1027366	County of San Luis Obispo Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1027368	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1027479	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1027487	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1027490	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1027503, EPI_ISL_1027530, EPI_ISL_1027531, EPI_ISL_1027532, EPI_ISL_1027573, EPI_ISL_1027587, EPI_ISL_1027588, EPI_ISL_1027589, EPI_ISL_1027590, EPI_ISL_1027591, EPI_ISL_1027593, EPI_ISL_1027595, EPI_ISL_1027596, EPI_ISL_1027597, EPI_ISL_1027598, EPI_ISL_1027599, EPI_ISL_1027600, EPI_ISL_1027601, EPI_ISL_1027602, EPI_ISL_1027603, EPI_ISL_1027604, EPI_ISL_1027605, EPI_ISL_1027606, EPI_ISL_1027608, EPI_ISL_1027609, EPI_ISL_1027610, EPI_ISL_1027611, EPI_ISL_1027615, EPI_ISL_1027616, EPI_ISL_1027617, EPI_ISL_1027618, EPI_ISL_1027619, EPI_ISL_1027620, EPI_ISL_1027621, EPI_ISL_1027622, EPI_ISL_1027623, EPI_ISL_1027625, EPI_ISL_1027626			
see above	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1027669, EPI_ISL_1027708, EPI_ISL_1027752, EPI_ISL_1027803, EPI_ISL_1027913, EPI_ISL_1027970, EPI_ISL_1029055, EPI_ISL_1029774, EPI_ISL_1029833, EPI_ISL_1029914	Laboratory Corporation of America	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1030102, EPI_ISL_1030124, EPI_ISL_1030125, EPI_ISL_1030141, EPI_ISL_1030142	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton
EPI_ISL_1030309, EPI_ISL_1030313, EPI_ISL_1030314, EPI_ISL_1030315, EPI_ISL_1030316, EPI_ISL_1030332, EPI_ISL_1030334, EPI_ISL_1030335, EPI_ISL_1030338, EPI_ISL_1030339, EPI_ISL_1030354, EPI_ISL_1030359, EPI_ISL_1030369, EPI_ISL_1030372, EPI_ISL_1030373, EPI_ISL_1030384, EPI_ISL_1030385, EPI_ISL_1030386			
see above	Contra Costa County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1030521, EPI_ISL_1030543, EPI_ISL_1030567, EPI_ISL_1030587, EPI_ISL_1030607, EPI_ISL_1030614, EPI_ISL_1030660, EPI_ISL_1030669, EPI_ISL_1030684, EPI_ISL_1030685, EPI_ISL_1030693, EPI_ISL_1030704, EPI_ISL_1030709, EPI_ISL_1030747, EPI_ISL_1030800, EPI_ISL_1030828, EPI_ISL_1030830, EPI_ISL_1030859, EPI_ISL_1030866, EPI_ISL_1030898, EPI_ISL_1030912, EPI_ISL_1030987, EPI_ISL_1031374, EPI_ISL_1031459, EPI_ISL_1031598, EPI_ISL_1031672, EPI_ISL_1031692, EPI_ISL_1031697, EPI_ISL_1031709, EPI_ISL_1031797, EPI_ISL_1031798, EPI_ISL_1031805, EPI_ISL_1031810, EPI_ISL_1031843, EPI_ISL_1031851, EPI_ISL_1031852, EPI_ISL_1031939, EPI_ISL_1031946, EPI_ISL_1032081, EPI_ISL_1032111, EPI_ISL_1032126, EPI_ISL_1032132, EPI_ISL_1032164, EPI_ISL_1032182, EPI_ISL_1032183, EPI_ISL_1032270, EPI_ISL_1032271, EPI_ISL_1032272, EPI_ISL_1032294, EPI_ISL_1032296, EPI_ISL_1032308, EPI_ISL_1032309, EPI_ISL_1032314, EPI_ISL_1032320, EPI_ISL_1032323, EPI_ISL_1032326, EPI_ISL_1032329, EPI_ISL_1032347, EPI_ISL_1032380, EPI_ISL_1032388, EPI_ISL_1032407, EPI_ISL_1032409, EPI_ISL_1032411, EPI_ISL_1032412, EPI_ISL_1032413, EPI_ISL_1032419, EPI_ISL_1032424, EPI_ISL_1032429, EPI_ISL_1032437, EPI_ISL_1032443, EPI_ISL_1032460, EPI_ISL_1032474, EPI_ISL_1032487, EPI_ISL_1032496, EPI_ISL_1032512, EPI_ISL_1032525, EPI_ISL_1032526, EPI_ISL_1032537, EPI_ISL_1032541, EPI_ISL_1032542, EPI_ISL_1032577			
see above	Laboratory Corporation of America	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1032623, EPI_ISL_1032632, EPI_ISL_1032635, EPI_ISL_1032640, EPI_ISL_1032642	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_1032899, EPI_ISL_1032901, EPI_ISL_1032905, EPI_ISL_1032911	Illinois Department of Public Health	Gagnon Lab, Southern Illinois University	Keith Gagnon
EPI_ISL_1032946, EPI_ISL_1032947, EPI_ISL_1032952, EPI_ISL_1032954, EPI_ISL_1032956, EPI_ISL_1032957, EPI_ISL_1032958, EPI_ISL_1032960, EPI_ISL_1032961, EPI_ISL_1032966, EPI_ISL_1032967, EPI_ISL_1032970, EPI_ISL_1032971, EPI_ISL_1032973, EPI_ISL_1032975, EPI_ISL_1032976, EPI_ISL_1032977, EPI_ISL_1032978, EPI_ISL_1032979, EPI_ISL_1032982, EPI_ISL_1032984, EPI_ISL_1032986, EPI_ISL_1032987, EPI_ISL_1032989, EPI_ISL_1032990, EPI_ISL_1032992, EPI_ISL_1032994, EPI_ISL_1032996, EPI_ISL_1032998, EPI_ISL_1032999, EPI_ISL_1033000, EPI_ISL_1033001, EPI_ISL_1033003, EPI_ISL_1033004, EPI_ISL_1033006, EPI_ISL_1033007, EPI_ISL_1033008, EPI_ISL_1033012, EPI_ISL_1033013, EPI_ISL_1033014, EPI_ISL_1033015, EPI_ISL_1033017, EPI_ISL_1033018			

see above	Fulgent Genetics	Fulgent Genetics	Harry Gao, Mickey Li, John Gao, Joseph Fierro, Benafsh Sapra, Becky Tsai, Yan Meng, Doreen Ng, James Xie
EPI_ISL_1036315, EPI_ISL_1036347	Johns Hopkins Hospital Department of Pathology	Johns Hopkins Hospital Department of Pathology	C. Paul Morris, Chun Huai Luo, Adannaya Amadi, Matthew Schwartz, Nicholas Gallagher, Heba H. Mostafa
EPI_ISL_1036424	Labo analyses med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillil, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeene, Sylvie van der Werf, Goubard Agathe
EPI_ISL_1036456, EPI_ISL_1036458, EPI_ISL_1036459, EPI_ISL_1036469, EPI_ISL_1036479, EPI_ISL_1036500, EPI_ISL_1036502, EPI_ISL_1036515, EPI_ISL_1036517, EPI_ISL_1036530, EPI_ISL_1036535, EPI_ISL_1036536, EPI_ISL_1036552			
see above	TGen North	Sonora Quest Laboratories	*Jolene Bowers, Megan Folkerts, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)*
EPI_ISL_1036555, EPI_ISL_1036562, EPI_ISL_1036564, EPI_ISL_1036567, EPI_ISL_1036580, EPI_ISL_1036582, EPI_ISL_1036583, EPI_ISL_1036585, EPI_ISL_1036589, EPI_ISL_1036590	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_1036759, EPI_ISL_1036768, EPI_ISL_1036769	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_1036883, EPI_ISL_1036888, EPI_ISL_1036907, EPI_ISL_1036911, EPI_ISL_1036912, EPI_ISL_1036915, EPI_ISL_1036916, EPI_ISL_1036918, EPI_ISL_1036923	US Air Force School of Aerospace Medicine	US Air Force School of Aerospace Medicine	Anthony Fries, Jennifer Meyer, William Gruner, William Buggele, Amanda Javorina, Sarah Purves, Clarise Starr, Elizabeth Macias
EPI_ISL_1036953, EPI_ISL_1036959, EPI_ISL_1036982, EPI_ISL_1036983, EPI_ISL_1036986, EPI_ISL_1036987, EPI_ISL_1037008, EPI_ISL_1037016, EPI_ISL_1037031, EPI_ISL_1037039, EPI_ISL_1037043, EPI_ISL_1037049, EPI_ISL_1037050, EPI_ISL_1037052, EPI_ISL_1037067, EPI_ISL_1037069, EPI_ISL_1037082, EPI_ISL_1037092, EPI_ISL_1037096, EPI_ISL_1037100, EPI_ISL_1037102, EPI_ISL_1037109, EPI_ISL_1037111, EPI_ISL_1037112, EPI_ISL_1037113, EPI_ISL_1037114, EPI_ISL_1037115, EPI_ISL_1037156, EPI_ISL_1037176, EPI_ISL_1037255, EPI_ISL_1037263, EPI_ISL_1037267, EPI_ISL_1037287, EPI_ISL_1037292, EPI_ISL_1037299, EPI_ISL_1037340, EPI_ISL_1037346, EPI_ISL_1037347, EPI_ISL_1037356, EPI_ISL_1037373, EPI_ISL_1037623, EPI_ISL_1037791, EPI_ISL_1038012, EPI_ISL_1038077, EPI_ISL_1038093, EPI_ISL_1038151, EPI_ISL_1038174, EPI_ISL_1038179, EPI_ISL_1038234, EPI_ISL_1038237, EPI_ISL_1038244, EPI_ISL_1038245, EPI_ISL_1038246, EPI_ISL_1038250, EPI_ISL_1038256, EPI_ISL_1038258, EPI_ISL_1038268, EPI_ISL_1038299, EPI_ISL_1038300, EPI_ISL_1038316, EPI_ISL_1038317, EPI_ISL_1038319, EPI_ISL_1038366, EPI_ISL_1038379, EPI_ISL_1038389, EPI_ISL_1038403, EPI_ISL_1038405, EPI_ISL_1038415, EPI_ISL_1038417, EPI_ISL_1038463, EPI_ISL_1038467, EPI_ISL_1038472, EPI_ISL_1038500, EPI_ISL_1038501, EPI_ISL_1038502, EPI_ISL_1038507, EPI_ISL_1038509, EPI_ISL_1038513, EPI_ISL_1038533, EPI_ISL_1038552, EPI_ISL_1038555, EPI_ISL_1038556, EPI_ISL_1038561, EPI_ISL_1038563, EPI_ISL_1038568, EPI_ISL_1038586, EPI_ISL_1038591, EPI_ISL_1038592, EPI_ISL_1038603, EPI_ISL_1038604, EPI_ISL_1038605, EPI_ISL_1038606, EPI_ISL_1038607, EPI_ISL_1038610, EPI_ISL_1038611, EPI_ISL_1038619, EPI_ISL_1038673, EPI_ISL_1038675, EPI_ISL_1038679, EPI_ISL_1038680, EPI_ISL_1038686, EPI_ISL_1038690, EPI_ISL_1038730, EPI_ISL_1038735, EPI_ISL_1038738, EPI_ISL_1038757, EPI_ISL_1038758, EPI_ISL_1038765, EPI_ISL_1038772, EPI_ISL_1038777, EPI_ISL_1038781			
see above	Laboratory Corporation of America	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1038839	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_1038877, EPI_ISL_1038899	Colorado Department of Public Health and Environment	Colorado Department of Puplic Health and Environment	Laura Bankers, Molly C. Hetherington-Rauth, Diana Ir, Shannon Ely, Shannon R. Matzinger, Sarah Elizabeth Totten, Emily A. Travanty
EPI_ISL_1038968	New Mexico Department of Health Scientific Laboratory	New Mexico Department of Health Scientific Laboratory	Ellie Johnson, Anastacia Griego-Fisher, D'eldra Malone, Jennifer Benoit
EPI_ISL_1039650	LSUHS Emerging Viral Threat Laboratory	Microbial Genome Sequencing Center	Maarten Van Diest, Jennifer L. Carroll, Andrew D. Yurochko, Martin J. Sapp, Rona S. Scott, Christopher G. Kevill, Daniel J. Snyder, John A. Vanchiere, Vaughn S. Cooper, Jeremy P. Kamil
EPI_ISL_1039715	Alaska State Virology Laboratory	Alaska State Virology Laboratory	Stephanie DeRonde, Lisa Smith, Ph.D., Jack Chen, Ph.D.
EPI_ISL_1039761	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_1040002, EPI_ISL_1040005, EPI_ISL_1040014, EPI_ISL_1040022, EPI_ISL_1040027	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Shah Mohamed Bakhsh, Robert Livingston, Michelle Lin, Noah Baker, Meeli-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_1040053, EPI_ISL_1040054, EPI_ISL_1040055, EPI_ISL_1040056, EPI_ISL_1040057, EPI_ISL_1040061, EPI_ISL_1040062, EPI_ISL_1040063, EPI_ISL_1040064, EPI_ISL_1040065, EPI_ISL_1040067, EPI_ISL_1040068, EPI_ISL_1040069, EPI_ISL_1040070			
see above	UCLA Clinical Micro Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1040425	Los Angeles County PHL	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1040859, EPI_ISL_1040903	NYU Langone Health	Departments of Pathology and Medicine, New York University School of Medicine	Adriana Heguy, Dacia Dimartino, Emily Guzman, Christian Marier, Peter Meyn, Sitharam Ramaswami, Gael Westby, Paul Zappile, Yutong Zhang, Paolo Cotzia, Guiqing Wang
EPI_ISL_1041261, EPI_ISL_1041335, EPI_ISL_1041356, EPI_ISL_1041430, EPI_ISL_1041693, EPI_ISL_1041706, EPI_ISL_1041726, EPI_ISL_1041778	Pandemic Response Lab - NYC	Pandemic Response Lab, R&D	Henry Lee, Michael Hammerling, Melissa Hopkins, Cybill del Castillo, William Ward, Pradeep Bugga, Haiping Hao, Jon Laurent
EPI_ISL_1046783	SARS-CoV-2 testing team, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Eri Nakayama, Shigeru Tajima, Chang-Kweng Lim, Makoto Kuroda
EPI_ISL_1048575, EPI_ISL_1048744, EPI_ISL_1048746, EPI_ISL_1048747, EPI_ISL_1048748, EPI_ISL_1048759	Maine HETL	Tewhey Lab, The Jackson Laboratory	Matluk,N., Dewey,H., Iosue,F., Barter,M., Lynch,R., Munger,H. and Tewhey,R.
EPI_ISL_1049236, EPI_ISL_1049239, EPI_ISL_1049242	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin L. Young, Kelly F. Oakeson, Tara Gallagher
EPI_ISL_1049487, EPI_ISL_1049490	Alaska State Virology Laboratory	Alaska State Virology Laboratory	Stephanie DeRonde, Lisa Smith, Ph.D., Jack Chen, Ph.D.
EPI_ISL_1049544, EPI_ISL_1049547, EPI_ISL_1049548, EPI_ISL_1049550, EPI_ISL_1049551, EPI_ISL_1049561, EPI_ISL_1049562, EPI_ISL_1049588, EPI_ISL_1049590, EPI_ISL_1049610, EPI_ISL_1049613, EPI_ISL_1049614, EPI_ISL_1049656			
see above	Washington State Department of Health	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Erica Ryke, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Romesh Gautom, Geoff Melly, Brian Hiatt, Philip Dykema, Scott Lindquist, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Helen Y. Chu, Jay Shendure, Trevor Bedford
EPI_ISL_1049667, EPI_ISL_1049679, EPI_ISL_1049701, EPI_ISL_1049706, EPI_ISL_1049714, EPI_ISL_1049716, EPI_ISL_1049719, EPI_ISL_1049735, EPI_ISL_1049736, EPI_ISL_1049739, EPI_ISL_1049741, EPI_ISL_1049742, EPI_ISL_1049743, EPI_ISL_1049744, EPI_ISL_1049747, EPI_ISL_1049756, EPI_ISL_1049768, EPI_ISL_1049769, EPI_ISL_1049771, EPI_ISL_1049772, EPI_ISL_1049773, EPI_ISL_1049774, EPI_ISL_1049782, EPI_ISL_1049784, EPI_ISL_1049786, EPI_ISL_1049787, EPI_ISL_1049788, EPI_ISL_1049795, EPI_ISL_1049797, EPI_ISL_1049799, EPI_ISL_1049800, EPI_ISL_1049806, EPI_ISL_1049808, EPI_ISL_1049812, EPI_ISL_1049824, EPI_ISL_1049826, EPI_ISL_1049827, EPI_ISL_1049828, EPI_ISL_1049831, EPI_ISL_1049833, EPI_ISL_1049842			
see above	Altius Institute for Biomedical Sciences	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Erica Ryke, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Ryan Alexander, Daniel Bates, Rebecca Bruders, Stephanie DeBaun, Clem Green, Muhammad Halimun, Jessica Halow, Kneshay Harper, Matt Hartman, Andrew Meuser, Alex Nguyen, Truong Nguyen, Sofia Olsson, Sadie Patraw, Hannah Petersen, Tobias Ragoczy, Joshua Richards, Jacob Rodriguez, John Stamatoyannopoulos, Julia Wald, Olivia Waltner, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Helen Y. Chu, Jay Shendure, Trevor Bedford
EPI_ISL_1049849	Kansas Health and Environmental Lab	Kansas Health and Environmental Lab	Mike Grose, Paige Drury, Carissa Robertson, Ben Olsen, and Phil Adam
EPI_ISL_1049870, EPI_ISL_1049961, EPI_ISL_1049999, EPI_ISL_1050000,	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton

EPI_ISL_1050003			
EPI_ISL_1053446	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Bailey Bowcutt, and Wanda Manley
EPI_ISL_1054921	North Dakota Department of Health, Public Health Laboratory	North Dakota Department of Health, Public Health Laboratory	Lisa Wingerter
EPI_ISL_1055026, EPI_ISL_1055029, EPI_ISL_1055030	New Mexico Department of Health Scientific Laboratory	New Mexico Department of Health Scientific Laboratory	Ellie Johnson, Anastacia Griego-Fisher, D'elra Malone, Jennifer Benoit
EPI_ISL_1058782, EPI_ISL_1058791, EPI_ISL_1058813, EPI_ISL_1058816, EPI_ISL_1058867, EPI_ISL_1058952	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_1059294	Houston Health Dept.	Houston Health Dept.	Ryker Penn, Pamela Brown, Adolpho Lara
EPI_ISL_1060051, EPI_ISL_1060055, EPI_ISL_1060061, EPI_ISL_1060064, EPI_ISL_1060066, EPI_ISL_1060077, EPI_ISL_1060087, EPI_ISL_1060103, EPI_ISL_1060119, EPI_ISL_1060121, EPI_ISL_1060133, EPI_ISL_1060136, EPI_ISL_1060140, EPI_ISL_1060147, EPI_ISL_1060149, EPI_ISL_1060179, EPI_ISL_1060186			
see above	Innovative Genomics Institute, UC Berkeley	Innovative Genomics Institute, UC Berkeley	Stacia Wyman, Alison Ciling, Netravathi Krishnappa, Haridha Shivram, Phil Frankino, Liana Lareau
EPI_ISL_1060305, EPI_ISL_1060320, EPI_ISL_1060321	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Jim Mildenerberger, Wanda Manley, Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Chayse Rowley, Marley Goetz, Brian Dominguez, Elliot Thomasson, Cari Sloma, and Rob Christensen
EPI_ISL_1060778	NJ Rapid Response Teams	New Jersey Public Health Environmental Laboratories (NJ-PHEL)	Lindsey Bodnar, Shiv Verma, Dana Woell, Byeong Jeong
EPI_ISL_1060843	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin L. Young, Kelly F. Oakeson, Tara Gallagher
EPI_ISL_1061035	New South Wales Health Pathology Royal Prince Alfred Hospital	Microbiology RPAH	Foster, C.; Au, J.; Ruiz Silva, M.; Deveson, I.; Bull, R.; Van Hal, S.; Rawlinson, W.
EPI_ISL_1061286, EPI_ISL_1061295, EPI_ISL_1061296, EPI_ISL_1061299, EPI_ISL_1061306, EPI_ISL_1061307	Alaska State Virology Laboratory	Alaska State Virology Laboratory	Stephanie DeRonde, Lisa Smith, Ph.D., Jack Chen, Ph.D.
EPI_ISL_1063907	Tampa General Hospital Esoteric Lab	Tampa General Hospital Esoteric Research & Development Lab	Grant Vestal, Deanna Becker, Dominic Uy, Vicki Healer, Amorice Lima, Suzane Silbert
EPI_ISL_1064182	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_1064221	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_1064242, EPI_ISL_1064282, EPI_ISL_1064313	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_1064378	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1064502	Vault Health	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1064504, EPI_ISL_1064543	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1064733, EPI_ISL_1064734, EPI_ISL_1064735	Kansas Health and Environmental Lab	Kansas Health and Environmental Lab	Mike Grose, Paige Drury, Carissa Robertson, Ben Olsen, and Phil Adam
EPI_ISL_1064865, EPI_ISL_1064866	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1064959, EPI_ISL_1064971, EPI_ISL_1064977, EPI_ISL_1064978	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_1065295, EPI_ISL_1067424	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Aalborg University	Danish Covid-19 Genome Consortium
EPI_ISL_1067674	Murphy Medical Associates	Grubaugh Lab - Yale School of Public Health	Mary Petrone, Joseph Fauver, Caleb Neal, Steven Murphy, Chantal Vogels, Mallery Breban, Annie Watkins, Tara Alpert, Nathan Grubaugh
EPI_ISL_1067793	Broad Institute Clinical Research Sequencing Platform	Infectious Disease Program, Broad Institute of Harvard and MIT	Lemieux,J.E., Siddle,K.J., Adams,G., Gladden-Young,A., Lagerborg,K., Rudy,M., DeRuff,K., Carter,A., Normandin,E., Bauer,M., Reilly,S., Tomkins-Tinch,C., Loreth,C., Chaluvadi,S., Birren,B.W., Gallagher,G., Smole,S., Park,D.J., MacInnis,B.L., and Sabeti,P.C.
EPI_ISL_1067838, EPI_ISL_1067862	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Kelsey R. Florek, Abigail C. Shockey
EPI_ISL_1068304, EPI_ISL_1068312, EPI_ISL_1068313	Alaska State Virology Laboratory	Alaska State Virology Laboratory	Stephanie DeRonde, Lisa Smith, Ph.D., Jack Chen, Ph.D.
EPI_ISL_1068396, EPI_ISL_1068397, EPI_ISL_1068400, EPI_ISL_1068406, EPI_ISL_1068407, EPI_ISL_1068409, EPI_ISL_1068410, EPI_ISL_1068413, EPI_ISL_1068417, EPI_ISL_1068418, EPI_ISL_1068419, EPI_ISL_1068420, EPI_ISL_1068422, EPI_ISL_1068426, EPI_ISL_1068427, EPI_ISL_1068435, EPI_ISL_1068441, EPI_ISL_1068447, EPI_ISL_1068449, EPI_ISL_1068451, EPI_ISL_1068453, EPI_ISL_1068454, EPI_ISL_1068455, EPI_ISL_1068458, EPI_ISL_1068463, EPI_ISL_1068469, EPI_ISL_1068471, EPI_ISL_1068482, EPI_ISL_1068485, EPI_ISL_1068486, EPI_ISL_1068488, EPI_ISL_1068490, EPI_ISL_1068491, EPI_ISL_1068493, EPI_ISL_1068494, EPI_ISL_1068496, EPI_ISL_1068497, EPI_ISL_1068498, EPI_ISL_1068499, EPI_ISL_1068503, EPI_ISL_1068504, EPI_ISL_1068506, EPI_ISL_1068528, EPI_ISL_1068529, EPI_ISL_1068530, EPI_ISL_1068531, EPI_ISL_1068533, EPI_ISL_1068534, EPI_ISL_1068535, EPI_ISL_1068536, EPI_ISL_1068542, EPI_ISL_1068545, EPI_ISL_1068546, EPI_ISL_1068549, EPI_ISL_1068553, EPI_ISL_1068554, EPI_ISL_1068559, EPI_ISL_1068560, EPI_ISL_1068561, EPI_ISL_1068562, EPI_ISL_1068563, EPI_ISL_1068568, EPI_ISL_1068569, EPI_ISL_1068574, EPI_ISL_1068578, EPI_ISL_1068583, EPI_ISL_1068586, EPI_ISL_1068587, EPI_ISL_1068595, EPI_ISL_1068596, EPI_ISL_1068597, EPI_ISL_1068598, EPI_ISL_1068599, EPI_ISL_1068600, EPI_ISL_1068601, EPI_ISL_1068604, EPI_ISL_1068605, EPI_ISL_1068608, EPI_ISL_1068611, EPI_ISL_1068613, EPI_ISL_1068614, EPI_ISL_1068615, EPI_ISL_1068616, EPI_ISL_1068617, EPI_ISL_1068618, EPI_ISL_1068619, EPI_ISL_1068620, EPI_ISL_1068622, EPI_ISL_1068623, EPI_ISL_1068626, EPI_ISL_1068627, EPI_ISL_1068628, EPI_ISL_1068629, EPI_ISL_1068630, EPI_ISL_1068631, EPI_ISL_1068632, EPI_ISL_1068633, EPI_ISL_1068634, EPI_ISL_1068635, EPI_ISL_1068636, EPI_ISL_1068637, EPI_ISL_1068638, EPI_ISL_1068639, EPI_ISL_1068644, EPI_ISL_1068647, EPI_ISL_1068649, EPI_ISL_1068650, EPI_ISL_1068652, EPI_ISL_1068653, EPI_ISL_1068654, EPI_ISL_1068656, EPI_ISL_1068657, EPI_ISL_1068658, EPI_ISL_1068660, EPI_ISL_1068662, EPI_ISL_1068663, EPI_ISL_1068664, EPI_ISL_1068665, EPI_ISL_1068666, EPI_ISL_1068667, EPI_ISL_1068676, EPI_ISL_1068677, EPI_ISL_1068681, EPI_ISL_1068683, EPI_ISL_1068684, EPI_ISL_1068685, EPI_ISL_1068686, EPI_ISL_1068693, EPI_ISL_1068697, EPI_ISL_1068704, EPI_ISL_1068708, EPI_ISL_1068711, EPI_ISL_1068719, EPI_ISL_1068721, EPI_ISL_1068722, EPI_ISL_1068726, EPI_ISL_1068728, EPI_ISL_1068732, EPI_ISL_1068733, EPI_ISL_1068734, EPI_ISL_1068735, EPI_ISL_1068738, EPI_ISL_1068744, EPI_ISL_1068745, EPI_ISL_1068749, EPI_ISL_1068750, EPI_ISL_1068752, EPI_ISL_1068753, EPI_ISL_1068754, EPI_ISL_1068756, EPI_ISL_1068757, EPI_ISL_1068759, EPI_ISL_1068762, EPI_ISL_1068766, EPI_ISL_1068767, EPI_ISL_1068769, EPI_ISL_1068770, EPI_ISL_1068771, EPI_ISL_1068775, EPI_ISL_1068776, EPI_ISL_1068777, EPI_ISL_1068779, EPI_ISL_1068780, EPI_ISL_1068781, EPI_ISL_1068782, EPI_ISL_1068783, EPI_ISL_1068784, EPI_ISL_1068785, EPI_ISL_1068786, EPI_ISL_1068787, EPI_ISL_1068788, EPI_ISL_1068789, EPI_ISL_1068790, EPI_ISL_1068791, EPI_ISL_1068793, EPI_ISL_1068794, EPI_ISL_1068799, EPI_ISL_1068801, EPI_ISL_1068802, EPI_ISL_1068803, EPI_ISL_1068805, EPI_ISL_1068806, EPI_ISL_1068808, EPI_ISL_1068811, EPI_ISL_1068812, EPI_ISL_1068813, EPI_ISL_1068814, EPI_ISL_1068815, EPI_ISL_1068821, EPI_ISL_1068822, EPI_ISL_1068824, EPI_ISL_1068825, EPI_ISL_1068826, EPI_ISL_1068827, EPI_ISL_1068828, EPI_ISL_1068833, EPI_ISL_1068835, EPI_ISL_1068837, EPI_ISL_1068839, EPI_ISL_1068840, EPI_ISL_1068842, EPI_ISL_1068843, EPI_ISL_1068845, EPI_ISL_1068848, EPI_ISL_1068853, EPI_ISL_1068854, EPI_ISL_1068855, EPI_ISL_1068857, EPI_ISL_1068873, EPI_ISL_1068874, EPI_ISL_1068875, EPI_ISL_1068877, EPI_ISL_1068878, EPI_ISL_1068879, EPI_ISL_1068883, EPI_ISL_1068887, EPI_ISL_1068889, EPI_ISL_1068891, EPI_ISL_1068893, EPI_ISL_1068903, EPI_ISL_1068904, EPI_ISL_1068905, EPI_ISL_1068907, EPI_ISL_1068908, EPI_ISL_1068909, EPI_ISL_1068910, EPI_ISL_1068912, EPI_ISL_1068914, EPI_ISL_1068916, EPI_ISL_1068917, EPI_ISL_1068918, EPI_ISL_1068922, EPI_ISL_1068925, EPI_ISL_1068931, EPI_ISL_1068932, EPI_ISL_1068934, EPI_ISL_1068935, EPI_ISL_1068939, EPI_ISL_1068940, EPI_ISL_1068941, EPI_ISL_1068943, EPI_ISL_1068947, EPI_ISL_1068948, EPI_ISL_1068949, EPI_ISL_1068950, EPI_ISL_1068951, EPI_ISL_1068953, EPI_ISL_1068954, EPI_ISL_1068956, EPI_ISL_1068957, EPI_ISL_1068958, EPI_ISL_1068959, EPI_ISL_1068960, EPI_ISL_1068961, EPI_ISL_1068962, EPI_ISL_1068964, EPI_ISL_1068965, EPI_ISL_1068966, EPI_ISL_1068967, EPI_ISL_1068968, EPI_ISL_1068969, EPI_ISL_1068970, EPI_ISL_1068971, EPI_ISL_1068972, EPI_ISL_1068974, EPI_ISL_1068976, EPI_ISL_1068977, EPI_ISL_1068979, EPI_ISL_1068983, EPI_ISL_1068984, EPI_ISL_1068988, EPI_ISL_1068990, EPI_ISL_1068991, EPI_ISL_1068992, EPI_ISL_1068994, EPI_ISL_1068995, EPI_ISL_1069000, EPI_ISL_1069001, EPI_ISL_1069002, EPI_ISL_1069004, EPI_ISL_1069006, EPI_ISL_1069007, EPI_ISL_1069010, EPI_ISL_1069011, EPI_ISL_1069012, EPI_ISL_1069013, EPI_ISL_1069014, EPI_ISL_1069016, EPI_ISL_1069017, EPI_ISL_1069019, EPI_ISL_1069021, EPI_ISL_1069025, EPI_ISL_1069027, EPI_ISL_1069028, EPI_ISL_1069030, EPI_ISL_1069033, EPI_ISL_1069038, EPI_ISL_1069039, EPI_ISL_1069040, EPI_ISL_1069041, EPI_ISL_1069043, EPI_ISL_1069046, EPI_ISL_1069047, EPI_ISL_1069049, EPI_ISL_1069051, EPI_ISL_1069055, EPI_ISL_1069056, EPI_ISL_1069057, EPI_ISL_1069060, EPI_ISL_1069062, EPI_ISL_1069063, EPI_ISL_1069065, EPI_ISL_1069066, EPI_ISL_1069067, EPI_ISL_1069073, EPI_ISL_1069075, EPI_ISL_1069085, EPI_ISL_1069086, EPI_ISL_1069088, EPI_ISL_1069090, EPI_ISL_1069092, EPI_ISL_1069094, EPI_ISL_1069095, EPI_ISL_1069096, EPI_ISL_1069097, EPI_ISL_1069098, EPI_ISL_1069101, EPI_ISL_1069102, EPI_ISL_1069104, EPI_ISL_1069112, EPI_ISL_1069113, EPI_ISL_1069117, EPI_ISL_1069121, EPI_ISL_1069127, EPI_ISL_1069129, EPI_ISL_1069138, EPI_ISL_1069139, EPI_ISL_1069141, EPI_ISL_1069142, EPI_ISL_1069145, EPI_ISL_1069150, EPI_ISL_1069151, EPI_ISL_1069152			
see above	Fulgent Genetics	Fulgent Genetics	Harry Gao, Mickey Li, John Gao, Joseph Fierro, Benafsh Sapra, Becky Tsai, Yan Meng, Doreen Ng, James Xie
EPI_ISL_1069231, EPI_ISL_1069243, EPI_ISL_1069251, EPI_ISL_1069271, EPI_ISL_1069273, EPI_ISL_1069276, EPI_ISL_1069279, EPI_ISL_1069283, EPI_ISL_1069287, EPI_ISL_1069288, EPI_ISL_1069308, EPI_ISL_1069321, EPI_ISL_1069332, EPI_ISL_1069335, EPI_ISL_1069336, EPI_ISL_1069339, EPI_ISL_1069344, EPI_ISL_1069352, EPI_ISL_1069356, EPI_ISL_1069359, EPI_ISL_1069361, EPI_ISL_1069363, EPI_ISL_1069364, EPI_ISL_1069365, EPI_ISL_1069382, EPI_ISL_1069389			
see above	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Shah Mohamed Bakhsh, Robert Livingston, Michelle Lin, Noah Baker, Meei-Li Huang, Keith R Jerome, Alexander Greninger

EPI_ISL_1073393, EPI_ISL_1073563	Israel Central Virology laboratory	Israel National Consortium for SARS-CoV-2 sequencing	Neta Zuckerman, Efrat Dahan Bucris, Michal Mandelboim, Dana Bar-Ilan, Oran Erster, Tzvia Mann, Omer Murik, David A. Zeevi, Assaf Rokney, Joseph Jaffe, Eva Nachum, Maya Davidovich Cohen, Ephraim Fass, Gal Zizelski Valenci, Mor Rubinstein, Efrat Rorman, Israel Nissan, Efrat Glick-Saar, Omri Nayschool, Gideon Rechavi, Ella Mendelson, Orna Mor
EPI_ISL_1074305, EPI_ISL_1074332, EPI_ISL_1074333, EPI_ISL_1074378, EPI_ISL_1074450, EPI_ISL_1074719, EPI_ISL_1074792, EPI_ISL_1074816, EPI_ISL_1074828, EPI_ISL_1074837, EPI_ISL_1074849, EPI_ISL_1074865, EPI_ISL_1074888, EPI_ISL_1074993, EPI_ISL_1075041, EPI_ISL_1075064, EPI_ISL_1075082, EPI_ISL_1075089, EPI_ISL_1075091, EPI_ISL_1075203, EPI_ISL_1075275, EPI_ISL_1075309, EPI_ISL_1075310, EPI_ISL_1075431, EPI_ISL_1075590, EPI_ISL_1075610, EPI_ISL_1075617, EPI_ISL_1075783, EPI_ISL_1075893, EPI_ISL_1075931, EPI_ISL_1075943, EPI_ISL_1076028, EPI_ISL_1076053, EPI_ISL_1076066, EPI_ISL_1076173, EPI_ISL_1076208, EPI_ISL_1076210, EPI_ISL_1076255, EPI_ISL_1076263, EPI_ISL_1076339, EPI_ISL_1076467, EPI_ISL_1076468, EPI_ISL_1076628, EPI_ISL_1076694, EPI_ISL_1076711, EPI_ISL_1076734, EPI_ISL_1076763, EPI_ISL_1076780, EPI_ISL_1076789, EPI_ISL_1076800, EPI_ISL_1076837, EPI_ISL_1076875, EPI_ISL_1076895, EPI_ISL_1077076, EPI_ISL_1077076, EPI_ISL_1077503, EPI_ISL_1077569, EPI_ISL_1077655, EPI_ISL_1077695, EPI_ISL_1077749, EPI_ISL_1077752, EPI_ISL_1077764, EPI_ISL_1077811, EPI_ISL_1077826, EPI_ISL_1077833, EPI_ISL_1077843, EPI_ISL_1077852, EPI_ISL_1077873, EPI_ISL_1077909, EPI_ISL_1077948, EPI_ISL_1077953, EPI_ISL_1077977, EPI_ISL_1078041, EPI_ISL_1078057, EPI_ISL_1078083, EPI_ISL_1078088, EPI_ISL_1078115, EPI_ISL_1078125, EPI_ISL_1078230, EPI_ISL_1078233, EPI_ISL_1078239, EPI_ISL_1078245, EPI_ISL_1078258, EPI_ISL_1078275, EPI_ISL_1078297, EPI_ISL_1078308, EPI_ISL_1078309, EPI_ISL_1078313, EPI_ISL_1078314, EPI_ISL_1078316, EPI_ISL_1078328, EPI_ISL_1078338, EPI_ISL_1078367, EPI_ISL_1078372, EPI_ISL_1078401, EPI_ISL_1078430, EPI_ISL_1078602, EPI_ISL_1078656, EPI_ISL_1078667, EPI_ISL_1078673, EPI_ISL_1078725, EPI_ISL_1078725, EPI_ISL_107875, EPI_ISL_1078804, EPI_ISL_1078818, EPI_ISL_1078825, EPI_ISL_1078844, EPI_ISL_1078884, EPI_ISL_1078955, EPI_ISL_1078990, EPI_ISL_1079056, EPI_ISL_1079057, EPI_ISL_1079081, EPI_ISL_1079171, EPI_ISL_1079172, EPI_ISL_1079218, EPI_ISL_1079319, EPI_ISL_1079348, EPI_ISL_1079429, EPI_ISL_1079503, EPI_ISL_1079529, EPI_ISL_1079545, EPI_ISL_1079594, EPI_ISL_1079618, EPI_ISL_1079646, EPI_ISL_1079708, EPI_ISL_1079717, EPI_ISL_1079754, EPI_ISL_1079869, EPI_ISL_1079873, EPI_ISL_1079907, EPI_ISL_1080036, EPI_ISL_1080084, EPI_ISL_1080090, EPI_ISL_1080097, EPI_ISL_1080130, EPI_ISL_1080147, EPI_ISL_1080153, EPI_ISL_1080253, EPI_ISL_1080299, EPI_ISL_1080316, EPI_ISL_1080326, EPI_ISL_1080335, EPI_ISL_1080358, EPI_ISL_1080404, EPI_ISL_1080420, EPI_ISL_1080432			
see above	Houston Methodist Hospital	Houston Methodist Hospital	S. Wesley Long, Randall J. Olsen, Paul A. Christensen, Sishir Subedi, Robert Olson, James J. Davis, Matthew Ojeda Saavedra, Prasanti Yerramilli, Layne Pruitt, Kristina Reppond, Madison N. Shyer, Jessica Cambric, Ilya J. Finkelstein, Jimmy Gollihar, and James M. Musser
EPI_ISL_1081153	Instituto Nacional de Medicina Genomica	Instituto Nacional de Medicina Genomica	Hidalgo-Miranda A, Mendoza-Vargas A, Reyes-Grajeda JP, Cedro-Tanda A, Alcaraz N, Gonzalez-Barrera D, Rangel-DeLeon D, Ramirez-Vega O, Sifuentes-Rojas C, Cisneros-Villanueva M, Herrera-Montalvo LA
EPI_ISL_1081221, EPI_ISL_1081255, EPI_ISL_1081261	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_1081288	Innovative Genomics Institute, UC Berkeley	Innovative Genomics Institute, UC Berkeley	Stacia Wyman, Alison Ciling, Netravathi Krishnappa, Haridha Shivrani, Phil Frankino, Liana Lareau
EPI_ISL_1081295, EPI_ISL_1081301, EPI_ISL_1081306	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Jim Mildenerberger, Wanda Manley, Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Chayse Rowley, Marley Goetz, Brian Dominguez, Elliot Thomasson, Cari Sloma, and Rob Christensen
EPI_ISL_1081314, EPI_ISL_1081319	Bozeman Health Deaconess Hospital	Wiedenheft lab, Montana State University	Artem Nemudryi, Anna Nemudraia, Tanner Wiegand, Joseph Nichols, Deann T. Snyder, Jodi F. Hedges, Calvin Cicha, Helen Lee, Karl K. Vanderwood, Diane Birczok, Mark A. Jutlia and Blake Wiedenheft
EPI_ISL_1081332, EPI_ISL_1081339, EPI_ISL_1081347	IEH Laboratories and Consulting Group	IEH and ID Genomics	Veronika Tchesnokova, Hemantha Kulakesara, Lydia Larson, Kai Deng, Kirithi Kutumbaka, Hao Geng, Curtis Fowler, Mansour Samadpour, Evgeni Sokurenko
EPI_ISL_1081375, EPI_ISL_1081390, EPI_ISL_1081391, EPI_ISL_1081393, EPI_ISL_1081399, EPI_ISL_1081401, EPI_ISL_1081409, EPI_ISL_1081410, EPI_ISL_1081411, EPI_ISL_1081418, EPI_ISL_1081419, EPI_ISL_1081420, EPI_ISL_1081422			
see above	Sharp HealthCare Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Aaron Harding, Jacquelyn Berumen, Cathy Woerle, Liam McGinnis, Art Mendoza, Omid Bakhtar
EPI_ISL_1081459, EPI_ISL_1081460, EPI_ISL_1081462, EPI_ISL_1081463, EPI_ISL_1081464	San Diego County Public Health Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Tracy Basler, Jovan Shephard, Brett Austin
EPI_ISL_1081497, EPI_ISL_1081502, EPI_ISL_1081505, EPI_ISL_1081508, EPI_ISL_1081511, EPI_ISL_1081515, EPI_ISL_1081517, EPI_ISL_1081518, EPI_ISL_1081532, EPI_ISL_1081544, EPI_ISL_1081545			
see above	Sharp HealthCare Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Aaron Harding, Jacquelyn Berumen, Cathy Woerle, Liam McGinnis, Art Mendoza, Omid Bakhtar
EPI_ISL_1081557	Scripps Medical Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Michael Quigley, Ellen Stefanski, Ian Mchardy
EPI_ISL_1081572, EPI_ISL_1081586, EPI_ISL_1081588, EPI_ISL_1081592	Rady's Childrens Hospital	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Nanda Radamchar, David Dimmock, Linda Luo, Christina Clarke, Kathryn Bouic, Teresa Mueller, Denise Malicki
EPI_ISL_1081604, EPI_ISL_1081616, EPI_ISL_1081632, EPI_ISL_1081633, EPI_ISL_1081637, EPI_ISL_1081642, EPI_ISL_1081646, EPI_ISL_1081649, EPI_ISL_1081654, EPI_ISL_1081656, EPI_ISL_1081659, EPI_ISL_1081660, EPI_ISL_1081662, EPI_ISL_1081667, EPI_ISL_1081670, EPI_ISL_1081672, EPI_ISL_1081687, EPI_ISL_1081688, EPI_ISL_1081689, EPI_ISL_1081693, EPI_ISL_1081700, EPI_ISL_1081707, EPI_ISL_1081710, EPI_ISL_1081722, EPI_ISL_1081723, EPI_ISL_1081725, EPI_ISL_1081731, EPI_ISL_1081735, EPI_ISL_1081737, EPI_ISL_1081738			
see above	Scripps Medical Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Michael Quigley, Ellen Stefanski, Ian Mchardy
EPI_ISL_1081758, EPI_ISL_1081764, EPI_ISL_1081767, EPI_ISL_1081770, EPI_ISL_1081780, EPI_ISL_1081789, EPI_ISL_1081791	San Diego County Public Health Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Tracy Basler, Jovan Shephard, Brett Austin
EPI_ISL_1085338	Hôpital Pitié-Salpêtrière	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Christophe Rodriguez, Slim Fourati, Vanessa Demontant, Guillaume Gricourt, Melissa N'Debi, Alexandre Soulier, Elisabeth Trawinski, Jean-Michel Pawlotsky
EPI_ISL_1085677	University of Oregon COVID-19 MAP Laboratory	University of Oregon Genomics and Cell Characterization Core Facility (GC3F)	Douglas Turnbull, Ariana White, Jason Carriere, Jeff Bishop
EPI_ISL_1086225, EPI_ISL_1086228, EPI_ISL_1086252, EPI_ISL_1086302, EPI_ISL_1086320, EPI_ISL_1086331, EPI_ISL_1086356, EPI_ISL_1086365, EPI_ISL_1086366, EPI_ISL_1086367, EPI_ISL_1086368, EPI_ISL_1086372, EPI_ISL_1086393, EPI_ISL_1086429, EPI_ISL_1086509, EPI_ISL_1086533, EPI_ISL_1086537, EPI_ISL_1086541, EPI_ISL_1086557, EPI_ISL_1086566, EPI_ISL_1086578, EPI_ISL_1086579, EPI_ISL_1086585, EPI_ISL_1086586, EPI_ISL_1086587, EPI_ISL_1086589, EPI_ISL_1086598, EPI_ISL_1086622, EPI_ISL_1086630, EPI_ISL_1086635, EPI_ISL_1086637, EPI_ISL_1086644, EPI_ISL_1086648, EPI_ISL_1086657, EPI_ISL_1086663, EPI_ISL_1086666, EPI_ISL_1086667, EPI_ISL_1086669, EPI_ISL_1086670, EPI_ISL_1086684, EPI_ISL_1086685, EPI_ISL_1086689, EPI_ISL_1086693, EPI_ISL_1086710, EPI_ISL_1086712, EPI_ISL_1086714, EPI_ISL_1086730, EPI_ISL_1086739, EPI_ISL_1086745, EPI_ISL_1086752, EPI_ISL_1086756, EPI_ISL_1086760, EPI_ISL_1086761, EPI_ISL_1086765, EPI_ISL_1086766, EPI_ISL_1086767, EPI_ISL_1086772, EPI_ISL_1086773, EPI_ISL_1086778, EPI_ISL_1086779, EPI_ISL_1086779, EPI_ISL_1086787, EPI_ISL_1086799, EPI_ISL_1086803, EPI_ISL_1086804, EPI_ISL_1086805, EPI_ISL_1086808, EPI_ISL_1086809, EPI_ISL_1086813, EPI_ISL_1086814, EPI_ISL_1086819, EPI_ISL_1086822, EPI_ISL_1086828, EPI_ISL_1086833, EPI_ISL_1086850, EPI_ISL_1086897, EPI_ISL_1086898, EPI_ISL_1086926, EPI_ISL_1086939, EPI_ISL_1086950, EPI_ISL_1086955, EPI_ISL_1086971, EPI_ISL_1087009, EPI_ISL_1087013, EPI_ISL_1087024, EPI_ISL_1087062, EPI_ISL_1087066, EPI_ISL_1087085, EPI_ISL_1087099, EPI_ISL_1087108, EPI_ISL_1087202, EPI_ISL_1087212, EPI_ISL_1087223, EPI_ISL_1087256, EPI_ISL_1087261			
see above	Quest Diagnostics Incorporated	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1087280, EPI_ISL_1087306, EPI_ISL_1087309	NYU Langone Health	Departments of Pathology and Medicine, New York University School of Medicine	Adriana Heguy, Dacia Dimartino, Emily Guzman, Christian Marier, Peter Meyn, Sitharam Ramaswami, Gael Westby, Paul Zappile, Yutong Zhang, Paolo Cotzia, Guiqing Wang
EPI_ISL_1087478, EPI_ISL_1087490, EPI_ISL_1087512, EPI_ISL_1087524, EPI_ISL_1087542, EPI_ISL_1087546, EPI_ISL_1087555, EPI_ISL_1087593, EPI_ISL_1087609, EPI_ISL_1087623, EPI_ISL_1087628, EPI_ISL_1087633, EPI_ISL_1087636, EPI_ISL_1087644, EPI_ISL_1087648, EPI_ISL_1087651, EPI_ISL_1087659, EPI_ISL_1087661, EPI_ISL_1087663, EPI_ISL_1087667, EPI_ISL_1087675, EPI_ISL_1087679, EPI_ISL_1087685, EPI_ISL_1087696, EPI_ISL_1087703, EPI_ISL_1087705, EPI_ISL_1087707, EPI_ISL_1087709, EPI_ISL_1087727, EPI_ISL_1087737, EPI_ISL_1087760, EPI_ISL_1087761, EPI_ISL_1087766, EPI_ISL_1087768, EPI_ISL_1087772, EPI_ISL_1087785, EPI_ISL_1087786, EPI_ISL_1087786, EPI_ISL_1087789, EPI_ISL_1087799, EPI_ISL_1087800, EPI_ISL_1087810, EPI_ISL_1087813, EPI_ISL_1087819, EPI_ISL_1087828, EPI_ISL_1087829, EPI_ISL_1087832, EPI_ISL_1087834, EPI_ISL_1087837, EPI_ISL_1087838, EPI_ISL_1087839, EPI_ISL_1087840, EPI_ISL_1087842, EPI_ISL_1087845, EPI_ISL_1087845, EPI_ISL_1087847, EPI_ISL_1087854, EPI_ISL_1087856, EPI_ISL_1087858, EPI_ISL_1087859, EPI_ISL_1087860, EPI_ISL_1087864, EPI_ISL_1087872, EPI_ISL_1087895, EPI_ISL_1087896, EPI_ISL_1087897, EPI_ISL_1087902, EPI_ISL_1087912, EPI_ISL_1087918, EPI_ISL_1087919, EPI_ISL_1087921, EPI_ISL_1087923, EPI_ISL_1087927, EPI_ISL_1087934, EPI_ISL_1087935, EPI_ISL_1087943, EPI_ISL_1087950, EPI_ISL_1087951, EPI_ISL_1087954, EPI_ISL_1087959, EPI_ISL_1087962, EPI_ISL_1087974, EPI_ISL_1088077, EPI_ISL_1088078, EPI_ISL_1088080, EPI_ISL_1088081, EPI_ISL_1088082, EPI_ISL_1088083, EPI_ISL_1088086, EPI_ISL_1088087, EPI_ISL_1088101, EPI_ISL_1088107, EPI_ISL_1088107, EPI_ISL_1088110, EPI_ISL_1088112, EPI_ISL_1088113, EPI_ISL_1088122, EPI_ISL_1088124, EPI_ISL_1088127, EPI_ISL_1088135, EPI_ISL_1088141, EPI_ISL_1088142, EPI_ISL_1088143, EPI_ISL_1088148, EPI_ISL_1088152, EPI_ISL_1088155, EPI_ISL_1088165, EPI_ISL_1088167, EPI_ISL_1088173, EPI_ISL_1088176, EPI_ISL_1088178, EPI_ISL_1088187, EPI_ISL_1088192, EPI_ISL_1088193, EPI_ISL_1088215, EPI_ISL_1088222, EPI_ISL_1088223, EPI_ISL_1088225, EPI_ISL_1088226, EPI_ISL_1088228, EPI_ISL_1088231, EPI_ISL_1088263, EPI_ISL_1088271, EPI_ISL_1088299, EPI_ISL_1088319, EPI_ISL_1088354, EPI_ISL_1088367, EPI_ISL_1088368, EPI_ISL_1088370, EPI_ISL_1088385, EPI_ISL_1088386, EPI_ISL_1088390, EPI_ISL_1088391, EPI_ISL_1088400, EPI_ISL_1088403, EPI_ISL_1088407, EPI_ISL_1088410, EPI_ISL_1088411, EPI_ISL_1088413, EPI_ISL_1088417, EPI_ISL_1088418, EPI_ISL_1088422, EPI_ISL_1088424, EPI_ISL_1088431, EPI_ISL_1088432, EPI_ISL_1088438, EPI_ISL_1088440, EPI_ISL_1088444, EPI_ISL_1088445, EPI_ISL_1088448, EPI_ISL_1088451, EPI_ISL_1088458, EPI_ISL_1088460, EPI_ISL_1088462, EPI_ISL_1088463, EPI_ISL_1088465, EPI_ISL_1088466, EPI_ISL_1088472, EPI_ISL_1088474, EPI_ISL_1088476, EPI_ISL_1088478, EPI_ISL_1088480, EPI_ISL_1088482, EPI_ISL_1088483, EPI_ISL_1088485, EPI_ISL_1088486, EPI_ISL_1088491, EPI_ISL_1088493, EPI_ISL_1088494, EPI_ISL_1088495, EPI_ISL_1088497, EPI_ISL_1088499, EPI_ISL_1088501, EPI_ISL_1088502, EPI_ISL_1088508, EPI_ISL_1088509, EPI_ISL_1088510, EPI_ISL_1088513, EPI_ISL_1088514, EPI_ISL_1088515, EPI_ISL_1088516, EPI_ISL_1088518, EPI_ISL_1088520, EPI_ISL_1088522, EPI_ISL_1088527, EPI_ISL_1088529, EPI_ISL_1088531, EPI_ISL_1088532, EPI_ISL_1088533, EPI_ISL_1088534, EPI_ISL_1088537, EPI_ISL_1088538, EPI_ISL_1088539, EPI_ISL_1088540, EPI_ISL_1088541, EPI_ISL_1088542, EPI_ISL_1088543, EPI_ISL_1088547			
see above	Quest Diagnostics Incorporated	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1088591, EPI_ISL_1088595, EPI_ISL_1088603, EPI_ISL_1088610, EPI_ISL_1088616, EPI_ISL_1088623, EPI_ISL_1088627, EPI_ISL_1088628, EPI_ISL_1088632, EPI_ISL_1088643, EPI_ISL_1088651, EPI_ISL_1088652, EPI_ISL_1088655, EPI_ISL_1088661, EPI_ISL_1088663, EPI_ISL_1088672, EPI_ISL_1088674,			

EPI_ISL_1088680, EPI_ISL_1088681, EPI_ISL_1088684, EPI_ISL_1088689, EPI_ISL_1088690, EPI_ISL_1088695, EPI_ISL_1088696, EPI_ISL_1088698, EPI_ISL_1088700, EPI_ISL_1088706, EPI_ISL_1088710, EPI_ISL_1088713, EPI_ISL_1088716, EPI_ISL_1088720, EPI_ISL_1088726, EPI_ISL_1088730, EPI_ISL_1088738, EPI_ISL_1088751, EPI_ISL_1088758, EPI_ISL_1088762, EPI_ISL_1088774, EPI_ISL_1088777, EPI_ISL_1088781, EPI_ISL_1088785, EPI_ISL_1088794, EPI_ISL_1088815, EPI_ISL_1088816, EPI_ISL_1088819, EPI_ISL_1088820, EPI_ISL_1088822, EPI_ISL_1088828, EPI_ISL_1088850, EPI_ISL_1088853, EPI_ISL_1088867, EPI_ISL_1088871, EPI_ISL_1088874, EPI_ISL_1088874, EPI_ISL_1088880, EPI_ISL_1088891, EPI_ISL_1088897, EPI_ISL_1088900, EPI_ISL_1088907, EPI_ISL_1088927, EPI_ISL_1088963, EPI_ISL_1088979, EPI_ISL_1088990, EPI_ISL_1089004, EPI_ISL_1089012, EPI_ISL_1089034, EPI_ISL_1089054, EPI_ISL_1089069, EPI_ISL_1089074, EPI_ISL_1089078, EPI_ISL_1089075, EPI_ISL_1089078, EPI_ISL_1089090, EPI_ISL_1089090, EPI_ISL_1089103, EPI_ISL_1089113, EPI_ISL_1089117, EPI_ISL_1089127, EPI_ISL_1089138, EPI_ISL_1089140, EPI_ISL_1089155, EPI_ISL_1089157, EPI_ISL_1089173, EPI_ISL_1089212, EPI_ISL_1089216, EPI_ISL_1089221, EPI_ISL_1089222, EPI_ISL_1089230, EPI_ISL_1089244, EPI_ISL_1089256, EPI_ISL_1089262, EPI_ISL_1089269, EPI_ISL_1089275, EPI_ISL_1089280, EPI_ISL_1089284, EPI_ISL_1089288, EPI_ISL_1089291, EPI_ISL_1089293, EPI_ISL_1089302, EPI_ISL_1089304, EPI_ISL_1089305, EPI_ISL_1089310, EPI_ISL_1089311, EPI_ISL_1089314, EPI_ISL_1089316, EPI_ISL_1089320, EPI_ISL_1089321, EPI_ISL_1089347, EPI_ISL_1089352, EPI_ISL_1089356, EPI_ISL_1089367, EPI_ISL_1089397, EPI_ISL_1089425	see above	Helix / Illumina	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, Eileen de Feo, Jan Antico, Christine Tran, Matthew Tolentino, Shannon Wickline, Kim Gietzen, Brad Sickler, Jingtao Liu, Eric Allen, Phil Febbo, Summer Galloway, Nicole L. Washington, Simon White, Geraint Levan, Kelly Schiabor Barrett, Elizabeth Cirulli, Alexandre Boze, Ary Ascencio, Charlotte Rivera-Garcia, Ryan Cho, Jason Nguyen, Sherry Wang, Jimmy Ramirez, Tyler Cassens, Efrén Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1090262	Dutch COVID-19 response team	National Institute for Public Health and the Environment (RIVM)	Adam Meijer, Harry Vennema, Dirk Eggink, Jeroen Cremer, Sharon van den Brink, Bas van der Veer, AnneMarie van den Brandt, Florian Zwagemaker, Dennis Schmitz, Chantal Reusken, on behalf of the national COVID-19 response team	
EPI_ISL_1090274, EPI_ISL_1090275, EPI_ISL_1090277, EPI_ISL_1090285, EPI_ISL_1090286, EPI_ISL_1090291, EPI_ISL_1090292, EPI_ISL_1090298, EPI_ISL_1090307, EPI_ISL_1090311, EPI_ISL_1090312, EPI_ISL_1090319, EPI_ISL_1090320, EPI_ISL_1090323, EPI_ISL_1090324, EPI_ISL_1090325, EPI_ISL_1090332, EPI_ISL_1090345, EPI_ISL_1090346, EPI_ISL_1090358, EPI_ISL_1090366, EPI_ISL_1090367, EPI_ISL_1090389, EPI_ISL_1090400, EPI_ISL_1090404, EPI_ISL_1090406, EPI_ISL_1090410, EPI_ISL_1090412, EPI_ISL_1090421, EPI_ISL_1090434, EPI_ISL_1090441, EPI_ISL_1090445, EPI_ISL_1090457, EPI_ISL_1090472, EPI_ISL_1090482, EPI_ISL_1090487, EPI_ISL_1090488, EPI_ISL_1090491, EPI_ISL_1090494, EPI_ISL_1090504, EPI_ISL_1090515, EPI_ISL_1090518, EPI_ISL_1090519, EPI_ISL_1090541, EPI_ISL_1090553, EPI_ISL_1090562, EPI_ISL_1090568, EPI_ISL_1090591, EPI_ISL_1090595, EPI_ISL_1090613, EPI_ISL_1090635, EPI_ISL_1090639, EPI_ISL_1090641, EPI_ISL_1090653, EPI_ISL_1090656, EPI_ISL_1090664, EPI_ISL_1090672, EPI_ISL_1090674, EPI_ISL_1090686, EPI_ISL_1090691, EPI_ISL_1090694, EPI_ISL_1090695, EPI_ISL_1090702, EPI_ISL_1090707, EPI_ISL_1090709, EPI_ISL_1090714, EPI_ISL_1090716, EPI_ISL_1090718, EPI_ISL_1090719, EPI_ISL_1090721, EPI_ISL_1090723, EPI_ISL_1090724, EPI_ISL_1090725, EPI_ISL_1090750, EPI_ISL_1090754, EPI_ISL_1090766, EPI_ISL_1090785, EPI_ISL_1090787, EPI_ISL_1090790, EPI_ISL_1090842, EPI_ISL_1090843, EPI_ISL_1090844, EPI_ISL_1090849, EPI_ISL_1090862, EPI_ISL_1090864, EPI_ISL_1090866, EPI_ISL_1090867, EPI_ISL_1090868, EPI_ISL_1090912, EPI_ISL_1090943, EPI_ISL_1090946, EPI_ISL_1090951, EPI_ISL_1090955, EPI_ISL_1090957, EPI_ISL_1090958, EPI_ISL_1090960, EPI_ISL_1090978, EPI_ISL_1090982, EPI_ISL_1090984, EPI_ISL_1090986, EPI_ISL_1090992, EPI_ISL_1090994, EPI_ISL_1090999, EPI_ISL_1091001, EPI_ISL_1091007, EPI_ISL_1091018, EPI_ISL_1091019, EPI_ISL_1091027, EPI_ISL_1091028, EPI_ISL_1091030, EPI_ISL_1091032, EPI_ISL_1091037, EPI_ISL_1091041, EPI_ISL_1091042, EPI_ISL_1091046, EPI_ISL_1091047, EPI_ISL_1091058, EPI_ISL_1091060, EPI_ISL_1091062, EPI_ISL_1091070, EPI_ISL_1091077, EPI_ISL_1091078, EPI_ISL_1091080, EPI_ISL_1091083, EPI_ISL_1091086, EPI_ISL_1091089	see above	Quest Diagnostics Incorporated	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L. E. Bernstein, K. E. Livingston, A. Perez, I. A. Shlykhtar, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1091592, EPI_ISL_1091593, EPI_ISL_1091621, EPI_ISL_1091622, EPI_ISL_1091633, EPI_ISL_1091648, EPI_ISL_1091684, EPI_ISL_1091714, EPI_ISL_1091725	US Air Force School of Aerospace Medicine	US Air Force School of Aerospace Medicine	Anthony Fries, Jennifer Meyer, William Gruner, William Buggele, Amanda Javorina, Sarah Purves, Clarise Starr, Elizabeth Macias	
EPI_ISL_1091822, EPI_ISL_1091823, EPI_ISL_1091835	Connecticut Department of Public Health	Grubaugh Lab - Yale School of Public Health	Mary Petrone, Joseph Fauver, Tara Alpert, Anderson Brito, Mallory Breban, Anne Wylie, Chantal Vogels, Annie Watkins, Chaney Kalinich, Isabel Ott, Nathan Grubaugh	
EPI_ISL_1091916	Murphy Medical Associates	Grubaugh Lab - Yale School of Public Health	Mary Petrone, Joseph Fauver, Caleb Neal, Steven Murphy, Chantal Vogels, Mallory Breban, Annie Watkins, Tara Alpert, Nathan Grubaugh	
EPI_ISL_1091950	Johns Hopkins Hospital Department of Pathology	Johns Hopkins Hospital Department of Pathology	C. Paul Morris, Chun Huai Lu, Adannaya Amadi, Matthew Schwartz, Nicholas Gallagher, Heba H. Mostafa	
EPI_ISL_1093546, EPI_ISL_1093594, EPI_ISL_1093601	Alameda County Public Health Department	Alameda County Public Health Department	Kristina Hsieh, Maria Elma, Kevin Libuit	
EPI_ISL_1093602, EPI_ISL_1093603, EPI_ISL_1093607, EPI_ISL_1093609, EPI_ISL_1093613, EPI_ISL_1093617, EPI_ISL_1093619, EPI_ISL_1093620, EPI_ISL_1093628, EPI_ISL_1093629, EPI_ISL_1093631, EPI_ISL_1093635, EPI_ISL_1093639, EPI_ISL_1093640, EPI_ISL_1093641, EPI_ISL_1093642, EPI_ISL_1093643, EPI_ISL_1093644, EPI_ISL_1093645, EPI_ISL_1093646, EPI_ISL_1093647, EPI_ISL_1093648, EPI_ISL_1093649, EPI_ISL_1093650, EPI_ISL_1093651, EPI_ISL_1093652, EPI_ISL_1093653, EPI_ISL_1093654, EPI_ISL_1093655, EPI_ISL_1093656, EPI_ISL_1093657, EPI_ISL_1093658, EPI_ISL_1093659, EPI_ISL_1093660, EPI_ISL_1093661, EPI_ISL_1093662, EPI_ISL_1093663, EPI_ISL_1093664, EPI_ISL_1093665, EPI_ISL_1093666, EPI_ISL_1093667, EPI_ISL_1093668, EPI_ISL_1093669, EPI_ISL_1093670, EPI_ISL_1093671, EPI_ISL_1093672, EPI_ISL_1093673, EPI_ISL_1093674, EPI_ISL_1093675, EPI_ISL_1093676, EPI_ISL_1093677, EPI_ISL_1093678, EPI_ISL_1093679, EPI_ISL_1093680, EPI_ISL_1093681, EPI_ISL_1093682, EPI_ISL_1093683, EPI_ISL_1093684, EPI_ISL_1093685, EPI_ISL_1093686, EPI_ISL_1093687, EPI_ISL_1093688, EPI_ISL_1093689, EPI_ISL_1093690, EPI_ISL_1093691, EPI_ISL_1093692, EPI_ISL_1093693, EPI_ISL_1093694, EPI_ISL_1093695, EPI_ISL_1093696, EPI_ISL_1093697, EPI_ISL_1093698, EPI_ISL_1093699, EPI_ISL_1093700, EPI_ISL_1093701, EPI_ISL_1093702, EPI_ISL_1093703, EPI_ISL_1093704, EPI_ISL_1093705, EPI_ISL_1093706, EPI_ISL_1093707, EPI_ISL_1093708, EPI_ISL_1093709, EPI_ISL_1093710, EPI_ISL_1093711, EPI_ISL_1093712, EPI_ISL_1093713, EPI_ISL_1093714, EPI_ISL_1093715, EPI_ISL_1093716, EPI_ISL_1093717, EPI_ISL_1093718, EPI_ISL_1093719, EPI_ISL_1093720, EPI_ISL_1093721, EPI_ISL_1093722, EPI_ISL_1093723, EPI_ISL_1093724, EPI_ISL_1093725, EPI_ISL_1093726, EPI_ISL_1093727, EPI_ISL_1093728, EPI_ISL_1093729, EPI_ISL_1093730, EPI_ISL_1093731, EPI_ISL_1093732, EPI_ISL_1093733, EPI_ISL_1093734, EPI_ISL_1093735, EPI_ISL_1093736, EPI_ISL_1093737, EPI_ISL_1093738, EPI_ISL_1093739, EPI_ISL_1093740, EPI_ISL_1093741, EPI_ISL_1093742, EPI_ISL_1093743, EPI_ISL_1093744, EPI_ISL_1093745, EPI_ISL_1093746, EPI_ISL_1093747, EPI_ISL_1093748, EPI_ISL_1093749, EPI_ISL_1093750, EPI_ISL_1093751, EPI_ISL_1093752, EPI_ISL_1093753, EPI_ISL_1093754, EPI_ISL_1093755, EPI_ISL_1093756, EPI_ISL_1093757, EPI_ISL_1093758, EPI_ISL_1093759, EPI_ISL_1093760, EPI_ISL_1093761, EPI_ISL_1093762, EPI_ISL_1093763, EPI_ISL_1093764, EPI_ISL_1093765, EPI_ISL_1093766, EPI_ISL_1093767, EPI_ISL_1093768, EPI_ISL_1093769, EPI_ISL_1093770, EPI_ISL_1093771, EPI_ISL_1093772, EPI_ISL_1093773, EPI_ISL_1093774, EPI_ISL_1093775, EPI_ISL_1093776, EPI_ISL_1093777, EPI_ISL_1093778, EPI_ISL_1093779, EPI_ISL_1093780, EPI_ISL_1093781, EPI_ISL_1093782, EPI_ISL_1093783, EPI_ISL_1093784, EPI_ISL_1093785, EPI_ISL_1093786, EPI_ISL_1093787, EPI_ISL_1093788, EPI_ISL_1093789, EPI_ISL_1093790, EPI_ISL_1093791, EPI_ISL_1093792, EPI_ISL_1093793, EPI_ISL_1093794, EPI_ISL_1093795, EPI_ISL_1093796, EPI_ISL_1093797, EPI_ISL_1093798, EPI_ISL_1093799, EPI_ISL_1093800, EPI_ISL_1093801, EPI_ISL_1093802, EPI_ISL_1093803, EPI_ISL_1093804, EPI_ISL_1093805, EPI_ISL_1093806, EPI_ISL_1093807, EPI_ISL_1093808, EPI_ISL_1093809, EPI_ISL_1093810, EPI_ISL_1093811, EPI_ISL_1093812, EPI_ISL_1093813, EPI_ISL_1093814, EPI_ISL_1093815, EPI_ISL_1093816, EPI_ISL_1093817, EPI_ISL_1093818, EPI_ISL_1093819, EPI_ISL_1093820, EPI_ISL_1093821, EPI_ISL_1093822, EPI_ISL_1093823, EPI_ISL_1093824, EPI_ISL_1093825, EPI_ISL_1093826, EPI_ISL_1093827, EPI_ISL_1093828, EPI_ISL_1093829, EPI_ISL_1093830, EPI_ISL_1093831, EPI_ISL_1093832, EPI_ISL_1093833, EPI_ISL_1093834, EPI_ISL_1093835, EPI_ISL_1093836, EPI_ISL_1093837, EPI_ISL_1093838, EPI_ISL_1093839, EPI_ISL_1093840, EPI_ISL_1093841, EPI_ISL_1093842, EPI_ISL_1093843, EPI_ISL_1093844, EPI_ISL_1093845, EPI_ISL_1093846, EPI_ISL_1093847, EPI_ISL_1093848, EPI_ISL_1093849, EPI_ISL_1093850, EPI_ISL_1093851, EPI_ISL_1093852, EPI_ISL_1093853, EPI_ISL_1093854, EPI_ISL_1093855, EPI_ISL_1093856, EPI_ISL_1093857, EPI_ISL_1093858, EPI_ISL_1093859, EPI_ISL_1093860, EPI_ISL_1093861, EPI_ISL_1093862, EPI_ISL_1093863, EPI_ISL_1093864, EPI_ISL_1093865, EPI_ISL_1093866, EPI_ISL_1093867, EPI_ISL_1093868, EPI_ISL_1093869, EPI_ISL_1093870, EPI_ISL_1093871, EPI_ISL_1093872, EPI_ISL_1093873, EPI_ISL_1093874, EPI_ISL_1093875, EPI_ISL_1093876, EPI_ISL_1093877, EPI_ISL_1093878, EPI_ISL_1093879, EPI_ISL_1093880, EPI_ISL_1093881, EPI_ISL_1093882, EPI_ISL_1093883, EPI_ISL_1093884, EPI_ISL_1093885, EPI_ISL_1093886, EPI_ISL_1093887, EPI_ISL_1093888, EPI_ISL_1093889, EPI_ISL_1093890, EPI_ISL_1093891, EPI_ISL_1093892, EPI_ISL_1093893, EPI_ISL_1093894, EPI_ISL_1093895, EPI_ISL_1093896, EPI_ISL_1093897, EPI_ISL_1093898, EPI_ISL_1093899, EPI_ISL_1093900, EPI_ISL_1093901, EPI_ISL_1093902, EPI_ISL_1093903, EPI_ISL_1093904, EPI_ISL_1093905, EPI_ISL_1093906, EPI_ISL_1093907, EPI_ISL_1093908, EPI_ISL_1093909, EPI_ISL_1093910, EPI_ISL_1093911, EPI_ISL_1093912, EPI_ISL_1093913, EPI_ISL_1093914, EPI_ISL_1093915, EPI_ISL_1093916, EPI_ISL_1093917, EPI_ISL_1093918, EPI_ISL_1093919, EPI_ISL_1093920, EPI_ISL_1093921, EPI_ISL_1093922, EPI_ISL_1093923, EPI_ISL_1093924, EPI_ISL_1093925, EPI_ISL_1093926, EPI_ISL_1093927, EPI_ISL_1093928, EPI_ISL_1093929, EPI_ISL_1093930, EPI_ISL_1093931, EPI_ISL_1093932, EPI_ISL_1093933, EPI_ISL_1093934, EPI_ISL_1093935, EPI_ISL_1093936, EPI_ISL_1093937, EPI_ISL_1093938, EPI_ISL_1093939, EPI_ISL_1093940, EPI_ISL_1093941, EPI_ISL_1093942, EPI_ISL_1093943, EPI_ISL_1093944, EPI_ISL_1093945, EPI_ISL_1093946, EPI_ISL_1093947, EPI_ISL_1093948, EPI_ISL_1093949, EPI_ISL_1093950, EPI_ISL_1093951, EPI_ISL_1093952, EPI_ISL_1093953, EPI_ISL_1093954, EPI_ISL_1093955, EPI_ISL_1093956, EPI_ISL_1093957, EPI_ISL_1093958, EPI_ISL_1093959, EPI_ISL_1093960, EPI_ISL_1093961, EPI_ISL_1093962, EPI_ISL_1093963, EPI_ISL_1093964, EPI_ISL_1093965, EPI_ISL_1093966, EPI_ISL_1093967, EPI_ISL_1093968, EPI_ISL_1093969, EPI_ISL_1093970, EPI_ISL_1093971, EPI_ISL_1093972, EPI_ISL_1093973, EPI_ISL_1093974, EPI_ISL_1093975, EPI_ISL_1093976, EPI_ISL_1093977, EPI_ISL_1093978, EPI_ISL_1093979, EPI_ISL_1093980, EPI_ISL_1093981, EPI_ISL_1093982, EPI_ISL_1093983, EPI_ISL_1093984, EPI_ISL_1093985, EPI_ISL_1093986, EPI_ISL_1093987, EPI_ISL_1093988, EPI_ISL_1093989, EPI_ISL_1093990, EPI_ISL_1093991, EPI_ISL_1093992, EPI_ISL_1093993, EPI_ISL_1093994, EPI_ISL_1093995, EPI_ISL_1093996, EPI_ISL_1093997, EPI_ISL_1093998, EPI_ISL_1093999, EPI_ISL_1094000, EPI_ISL_1094001, EPI_ISL_1094002, EPI_ISL_1094003, EPI_ISL_1094004, EPI_ISL_1094005, EPI_ISL_1094006, EPI_ISL_1094007, EPI_ISL_1094008, EPI_ISL_1094009, EPI_ISL_1094010, EPI_ISL_1094011, EPI_ISL_1094012, EPI_ISL_1094013, EPI_ISL_1094014, EPI_ISL_1094015, EPI_ISL_1094016, EPI_ISL_1094017, EPI_ISL_1094018, EPI_ISL_1094019, EPI_ISL_1094020, EPI_ISL_1094021, EPI_ISL_1094022, EPI_ISL_1094023, EPI_ISL_1094024, EPI_ISL_1094025, EPI_ISL_1094026, EPI_ISL_1094027, EPI_ISL_1094028, EPI_ISL_1094029, EPI_ISL_1094030, EPI_ISL_1094031, EPI_ISL_1094032, EPI_ISL_1094033, EPI_ISL_1094034, EPI_ISL_1094035, EPI_ISL_1094036, EPI_ISL_1094037, EPI_ISL_1094038, EPI_ISL_1094039, EPI_ISL_1094040, EPI_ISL_1094041, EPI_ISL_1094042, EPI_ISL_1094043, EPI_ISL_1094044, EPI_ISL_1094045, EPI_ISL_1094046, EPI_ISL_1094047, EPI_ISL_1094048, EPI_ISL_1094049, EPI_ISL_1094050, EPI_ISL_1094051, EPI_ISL_1094052, EPI_ISL_1094053, EPI_ISL_1094054, EPI_ISL_1094055, EPI_ISL_1094056, EPI_ISL_1094057, EPI_ISL_1094058, EPI_ISL_1094059, EPI_ISL_1094060, EPI_ISL_1094061, EPI_ISL_1094062, EPI_ISL_1094063, EPI_ISL_1094064, EPI_ISL_1094065, EPI_ISL_1094066, EPI_ISL_1094067, EPI_ISL_1094068, EPI_ISL_1094069, EPI_ISL_1094070, EPI_ISL_1094071, EPI_ISL_1094072, EPI_ISL_1094073, EPI_ISL_1094074, EPI_ISL_1094075, EPI_ISL_1094076, EPI_ISL_1094077, EPI_ISL_1094078, EPI_ISL_1094079, EPI_ISL_1094080, EPI_ISL_1094081, EPI_ISL_1094082, EPI_ISL_1094083, EPI_ISL_1094084, EPI_ISL_1094085, EPI_ISL_1094086, EPI_ISL_1094087, EPI_ISL_1094088, EPI_ISL_1094089, EPI_ISL_1094090, EPI_ISL_1094091, EPI_ISL_1094092, EPI_ISL_1094093, EPI_ISL_1094094, EPI_ISL_1094095, EPI_ISL_1094096, EPI_ISL_1094097, EPI_ISL_1094098, EPI_ISL_1094099, EPI_ISL_1094100, EPI_ISL_1094101, EPI_ISL_1094102, EPI_ISL_1094103, EPI_ISL_1094104, EPI_ISL_1094105, EPI_ISL_1094106, EPI_ISL_1094107, EPI_ISL_1094108, EPI_ISL_1094109, EPI_ISL_1094110, EPI_ISL_1094111, EPI_ISL_1094112, EPI_ISL_1094113, EPI_ISL_1094114, EPI_ISL_1094115, EPI_ISL_1094116, EPI_ISL_1094117, EPI_ISL_1094118, EPI_ISL_1094119, EPI_ISL_1094120, EPI_ISL_1094121, EPI_ISL_1094122, EPI_ISL_1094123, EPI_ISL_1094124, EPI_ISL_1094125, EPI_ISL_1094126, EPI_ISL_1094127, EPI_ISL_1094128, EPI_ISL_1094129, EPI_ISL_1094130, EPI_ISL_1094131, EPI_ISL_1094132, EPI_ISL_1094133, EPI_ISL_1094134, EPI_ISL_1094135, EPI_ISL_1094136, EPI_ISL_1094137, EPI_ISL_1094138, EPI_ISL_1094139, EPI_ISL_1094140, EPI_ISL_1094141, EPI_ISL_1094142, EPI_ISL_1094143, EPI_ISL_1094144, EPI_ISL_1094145, EPI_ISL_1094146, EPI_ISL_1094147, EPI_ISL_1094148, EPI_ISL_1094149, EPI_ISL_1094150, EPI_ISL_1094151, EPI_ISL_1094152, EPI_ISL_1094153, EPI_ISL_1094154, EPI_ISL_1094155, EPI_ISL_1094156, EPI_ISL_1094157, EPI_ISL_1094158, EPI_ISL_1094159, EPI_ISL_1094160, EPI_ISL_1094161, EPI_ISL_1094162, EPI_ISL_1094163, EPI_ISL_1094164, EPI_ISL_1094165, EPI_ISL_1094166, EPI_ISL_1094167, EPI_ISL_1094168, EPI_ISL_1094169, EPI_ISL_1094170, EPI_ISL_1094171, EPI_ISL_1094172, EPI_ISL_1094173, EPI_ISL_1094174, EPI_ISL_1094175, EPI_ISL_1094176, EPI_ISL_1094177, EPI_ISL_1094178, EPI_ISL_1094179, EPI_ISL_1094180, EPI_ISL_1094181, EPI_ISL_1094182, EPI_ISL_1094183	see above	DeRisi Lab, University of California, San Francisco	DeRisi Lab, University of California, San Francisco	Sabrina Mann, Anthea Mitchell, Jamin Liu, Sara Sunshine, Matthew Laurie, Genay Pilarowski, Amy Kistler, Manu Vanaerschot, Patrick Ayscue, Lucy Li, Eric Chow, IDseq Team, James Peng, Carina Marquez, Luis Rubio, Gabriel Chamie, Diane Jones, Jon Jacobo, Susana Rojas, Susy Rojas, Valerie Tulier-Laiwa, Douglas Baskin, Jackie Martinez, Maya Petersen, Diane Havil, and Joseph DeRisi
EPI_ISL_1094216	CDPH, Viral and Rickettsial Disease Laboratory	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong	
EPI_ISL_1094297	AZ SPHL, Arizona Department of Health Services	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong	
EPI_ISL_1094301	OR State PHL-Virology/Immunology Section	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong	
EPI_ISL_1094361, EPI_ISL_1094362, EPI_ISL_1094363	CA-Los Angeles County Public Health Laboratory	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong	
EPI_ISL_1094382, EPI_ISL_1094384, EPI_ISL_1094385	NM Dept. Health, Scientific Laboratory Division	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong	
EPI_ISL_1094390	NV State Public Health Laboratory	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong	
EPI_ISL_1094413, EPI_ISL_1094414	MT Public Health Laboratory	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles,	

EPI_ISL_1094721	NV State Public Health Laboratory	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1094750	NE Public Health Laboratory	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1094770	WA State Department of Health	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1094781	IN State Department of Health Laboratory Services	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1094801	OK Public Health Laboratory, Oklahoma State DOH	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1094865, EPI_ISL_1094866	WY Public Health Laboratory	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1094899	CO Dept. of Public Health and Environment, Lab Services Division	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1094930, EPI_ISL_1094931, EPI_ISL_1094932	MT Public Health Laboratory	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1094984, EPI_ISL_1094989	AZ SPHL, Arizona Department of Health Services	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1095106	GA Department of Public Health Laboratory	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1095200	CDPH, Viral and Rickettsial Disease Laboratory	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1095205, EPI_ISL_1095206, EPI_ISL_1095207	WI State Laboratory of Hygiene	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1095254	WY Public Health Laboratory	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1095293	FL Bureau of Public Health Laboratories-Miami	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1095313	SC Dept of Health and Env. Control-Bureau of Laboratories	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1095319	WA State Department of Health	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1095489	University of Wisconsin-Madison AIDS Vaccine Research Laboratories	University of Wisconsin-Madison AIDS Vaccine Research Laboratories	Gage Moreno, Katarina Braun, et al. AIDS Vaccine Research Laboratories
EPI_ISL_1095645, EPI_ISL_1095647, EPI_ISL_1095648, EPI_ISL_1095649, EPI_ISL_1095650, EPI_ISL_1095651, EPI_ISL_1095652, EPI_ISL_1095655, EPI_ISL_1095656, EPI_ISL_1095657, EPI_ISL_1095658, EPI_ISL_1095659, EPI_ISL_1095661, EPI_ISL_1095664, EPI_ISL_1095665, EPI_ISL_1095668, EPI_ISL_1095670, EPI_ISL_1095701, EPI_ISL_1095702, EPI_ISL_1095703, EPI_ISL_1095704, EPI_ISL_1095706, EPI_ISL_1095708, EPI_ISL_1095709, EPI_ISL_1095710, EPI_ISL_1095711, EPI_ISL_1095713, EPI_ISL_1095714, EPI_ISL_1095715, EPI_ISL_1095716, EPI_ISL_1095721, EPI_ISL_1095722, EPI_ISL_1095723, EPI_ISL_1095724, EPI_ISL_1095728, EPI_ISL_1095729, EPI_ISL_1095730, EPI_ISL_1095733, EPI_ISL_1095734, EPI_ISL_1095738, EPI_ISL_1095739, EPI_ISL_1095744, EPI_ISL_1095745, EPI_ISL_1095746, EPI_ISL_1095747, EPI_ISL_1095748, EPI_ISL_1095749, EPI_ISL_1095750, EPI_ISL_1095751, EPI_ISL_1095752, EPI_ISL_1095753, EPI_ISL_1095754, EPI_ISL_1095755, EPI_ISL_1095757, EPI_ISL_1095760, EPI_ISL_1095761, EPI_ISL_1095762, EPI_ISL_1095763, EPI_ISL_1095764, EPI_ISL_1095767, EPI_ISL_1095773, EPI_ISL_1095778, EPI_ISL_1095782, EPI_ISL_1095783, EPI_ISL_1095784, EPI_ISL_1095786, EPI_ISL_1095787, EPI_ISL_1095788, EPI_ISL_1095789, EPI_ISL_1095790, EPI_ISL_1095791, EPI_ISL_1095792, EPI_ISL_1095793, EPI_ISL_1095797, EPI_ISL_1095798, EPI_ISL_1095800, EPI_ISL_1095801, EPI_ISL_1095802, EPI_ISL_1095803, EPI_ISL_1095804, EPI_ISL_1095805, EPI_ISL_1095806, EPI_ISL_1095807, EPI_ISL_1095808, EPI_ISL_1095809, EPI_ISL_1095813, EPI_ISL_1095814, EPI_ISL_1095821, EPI_ISL_1095822, EPI_ISL_1095823, EPI_ISL_1095824, EPI_ISL_1095826, EPI_ISL_1095827, EPI_ISL_1095828, EPI_ISL_1095832, EPI_ISL_1095833, EPI_ISL_1095835, EPI_ISL_1095837, EPI_ISL_1095838, EPI_ISL_1095841, EPI_ISL_1095842, EPI_ISL_1095844, EPI_ISL_1095847, EPI_ISL_1095849, EPI_ISL_1095850, EPI_ISL_1095852, EPI_ISL_1095853, EPI_ISL_1095855, EPI_ISL_1095856, EPI_ISL_1095857, EPI_ISL_1095858, EPI_ISL_1095859, EPI_ISL_1095861, EPI_ISL_1095862, EPI_ISL_1095864, EPI_ISL_1095865, EPI_ISL_1095866, EPI_ISL_1095867, EPI_ISL_1095868, EPI_ISL_1095869, EPI_ISL_1095873, EPI_ISL_1095880, EPI_ISL_1095881, EPI_ISL_1095882, EPI_ISL_1095883, EPI_ISL_1095884, EPI_ISL_1095888, EPI_ISL_1095889, EPI_ISL_1095893, EPI_ISL_1095894, EPI_ISL_1095904, EPI_ISL_1095906, EPI_ISL_1095907, EPI_ISL_1095910, EPI_ISL_1095914, EPI_ISL_1095915, EPI_ISL_1095916, EPI_ISL_1095917, EPI_ISL_1095918, EPI_ISL_1095919, EPI_ISL_1095920, EPI_ISL_1095923, EPI_ISL_1095925, EPI_ISL_1095926, EPI_ISL_1095927, EPI_ISL_1095928, EPI_ISL_1095929, EPI_ISL_1095930, EPI_ISL_1095932, EPI_ISL_1095933, EPI_ISL_1095935, EPI_ISL_1095937, EPI_ISL_1095938, EPI_ISL_1095955, EPI_ISL_1095956, EPI_ISL_1095957, EPI_ISL_1095959, EPI_ISL_1095960, EPI_ISL_1095961, EPI_ISL_1095962, EPI_ISL_1095963, EPI_ISL_1095967, EPI_ISL_1095968, EPI_ISL_1095969, EPI_ISL_1095970, EPI_ISL_1095971, EPI_ISL_1095972, EPI_ISL_1095973, EPI_ISL_1095974, EPI_ISL_1095975, EPI_ISL_1095977, EPI_ISL_1095979, EPI_ISL_1095981, EPI_ISL_1095982, EPI_ISL_1095983, EPI_ISL_1095984, EPI_ISL_1095985, EPI_ISL_1095986, EPI_ISL_1095987, EPI_ISL_1095988, EPI_ISL_1095989, EPI_ISL_1095990, EPI_ISL_1095991, EPI_ISL_1095992, EPI_ISL_1095993, EPI_ISL_1095994, EPI_ISL_1096009, EPI_ISL_1096010, EPI_ISL_1096011, EPI_ISL_1096012, EPI_ISL_1096013, EPI_ISL_1096014, EPI_ISL_1096016, EPI_ISL_1096017, EPI_ISL_1096018, EPI_ISL_1096020, EPI_ISL_1096021, EPI_ISL_1096023, EPI_ISL_1096024, EPI_ISL_1096025, EPI_ISL_1096027, EPI_ISL_1096028			
see above	Fulgent Genetics	Fulgent Genetics	Harry Gao, Mickey Li, John Gao, Joseph Fierro, Benafsh Sapra, Becky Tsai, Yan Meng, Doreen Ng, James Xie
EPI_ISL_1096139, EPI_ISL_1096140	Cambodian National Public Health Laboratory, National Institute of Public Health	Virology Unit, Institut Pasteur du Cambodge	Sokhoun Yann, Ly Sovann, Kraing Sidonn, Yi Sengdeourn, Chin Savuth, Chau Darapeak, Veasna Duong, Erik A Karlsson
EPI_ISL_1097018	Baylor Scott & White-Temple	Baylor Scott & White-Temple	Ari Rao, Linden Morales, Kimberly Walker, Marcus Volz, Shelby Hendrickson
EPI_ISL_1097315, EPI_ISL_1097322, EPI_ISL_1097325, EPI_ISL_1097333	University of Oregon COVID-19 MAP Laboratory	University of Oregon Genomics and Cell Characterization Core Facility (GC3F)	Douglas Turnbull, Ariana White, Jeff Bishop, Jason Carriere
EPI_ISL_1097515, EPI_ISL_1097536, EPI_ISL_1097538, EPI_ISL_1097549, EPI_ISL_1097550, EPI_ISL_1097551, EPI_ISL_1097553, EPI_ISL_1097566, EPI_ISL_1097578, EPI_ISL_1097579, EPI_ISL_1097591, EPI_ISL_1097594, EPI_ISL_1097618, EPI_ISL_1097624, EPI_ISL_1097631, EPI_ISL_1097634, EPI_ISL_1097639, EPI_ISL_1097640			
see above	Colorado Department of Public Health and Environment	Colorado Department of Public Health and Environment	Laura Bankers, Molly C. Hetherington-Rauth, Diana Ir, Shannon Ely, Shannon R. Matzinger, Sarah Elizabeth Totten, Emily A. Travanty
EPI_ISL_1097663	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_1097726, EPI_ISL_1097727, EPI_ISL_1097728, EPI_ISL_1097729, EPI_ISL_1097730, EPI_ISL_1097731, EPI_ISL_1097732, EPI_ISL_1097735, EPI_ISL_1097737	Los Angeles County PHL	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1097738	Los Angeles Community Hospital	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1097741	Los Angeles County PHL	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1097772, EPI_ISL_1097780	New Mexico Department of Health Scientific Laboratory	New Mexico Department of Health Scientific Laboratory	Ellie Johnson, Anastacia Griego-Fisher, D'elra Malone, Jennifer Benoit
EPI_ISL_1097787, EPI_ISL_1098025, EPI_ISL_1098040, EPI_ISL_1098402, EPI_ISL_1098434, EPI_ISL_1098520	Pandemic Response Lab - NYC	Pandemic Response Lab, R&D	Henry Lee, Michael Hammerling, Melissa Hopkins, Cybill del Castillo, Shinyoung Clair Kang, William Ward, Pradeep Bugga, Haiping Hao, Jon Laurent
EPI_ISL_1098614, EPI_ISL_1098615, EPI_ISL_1098616, EPI_ISL_1098618, EPI_ISL_1098619, EPI_ISL_1098620, EPI_ISL_1098621, EPI_ISL_1098623, EPI_ISL_1098624, EPI_ISL_1098625, EPI_ISL_1098626			
see above	UCLA Clinical Micro Lab	Los Angeles County PHL	P. Hemarajata et al.

EPI_ISL_1098628	MD Laboratories	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1098629, EPI_ISL_1098631	UCLA Clinical Micro Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1098632, EPI_ISL_1098634, EPI_ISL_1098639, EPI_ISL_1098640	Los Angeles County PHL	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1098646	MD Laboratories	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1098802, EPI_ISL_1098811, EPI_ISL_1098816, EPI_ISL_1098822	DeRisi Lab, University of California, San Francisco	DeRisi Lab, University of California, San Francisco	Sabrina Mann, Anthea Mitchell, Jamin Liu, Sara Sunshine, Matthew Laurie, Genay Pilarowski, Amy Kistler, Manu Vanaerschot, Patrick Ayscue, Lucy Li, Eric Chow, IDseq Team, James Peng, Carina Marquez, Luis Rubio, Gabriel Chamie, Diane Jones, Jon Jacobo, Susana Rojas, Susy Rojas, Valerie Tulier-Laiwa, Douglas Black, Jackie Martinez, Maya Petersen, Diane Havilr, and Joseph DeRisi
EPI_ISL_1107281	Originating lab: Wales Specialist Virology Centre Sequencing lab: Pathogen Genomics Unit	Public Health Wales Microbiology Cardiff Wales Specialist Virology Centre	Catherine Moore, Johnathan Evans, Laura Gifford, Malorie Perry, Simon Cottrell, Angela Marchbank, Alec Birchley, Alexander Adams, Amy Gaskin, Bree Gatica-Wilcox, Jason Coombes, Joel Southgate, Lauren Gilbert, Lee Graham, Nicole Pacchiari, Sara Kumziene-Summerhayes, Sarah Taylor, Sophie Jones, Sara Rey, Matthew Bull, Joanne Watkins, Sally Corden, Tom Connor
EPI_ISL_1110031, EPI_ISL_1110036, EPI_ISL_1110045, EPI_ISL_1110046, EPI_ISL_1110047, EPI_ISL_1110048, EPI_ISL_1110050, EPI_ISL_1110051, EPI_ISL_1110061, EPI_ISL_1110078, EPI_ISL_1110079, EPI_ISL_1110087, EPI_ISL_1110097, EPI_ISL_1110101, EPI_ISL_1110108, EPI_ISL_1110114, EPI_ISL_1110128, EPI_ISL_1110129, EPI_ISL_1110131, EPI_ISL_1110134, EPI_ISL_1110136, EPI_ISL_1110137			
see above	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Shah Mohamed Bakhsh, Michelle Lin, Noah Baker, Meei-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_1111564	Virginia Division of Consolidated Laboratory Services	Virginia Division of Consolidated Laboratory Services	Virginia DCLS
EPI_ISL_1113179, EPI_ISL_1113207	Gundersen Molecular Diagnostics Laboratory	Kabara Cancer Research Institute	Craig S. Richmond, Paraic A. Kenny
EPI_ISL_1113337, EPI_ISL_1113355, EPI_ISL_1113358, EPI_ISL_1113568, EPI_ISL_1113593, EPI_ISL_1113607, EPI_ISL_1113614, EPI_ISL_1113634, EPI_ISL_1113643, EPI_ISL_1113649, EPI_ISL_1113652			
see above	TGen North	Sonora Quest Laboratories	*Jolene Bowers, Megan Folkerts, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)*
EPI_ISL_1113784, EPI_ISL_1113814, EPI_ISL_1113816, EPI_ISL_1113825, EPI_ISL_1113842, EPI_ISL_1113878, EPI_ISL_1113915, EPI_ISL_1113932, EPI_ISL_1113938, EPI_ISL_1113975, EPI_ISL_1113980, EPI_ISL_1114003, EPI_ISL_1114015, EPI_ISL_1114025, EPI_ISL_1114031, EPI_ISL_1114041, EPI_ISL_1114046, EPI_ISL_1114051, EPI_ISL_1114053, EPI_ISL_1114065, EPI_ISL_1114067, EPI_ISL_1114083, EPI_ISL_1114089, EPI_ISL_1114099, EPI_ISL_1114104, EPI_ISL_1114110, EPI_ISL_1114117, EPI_ISL_1114137			
see above	Quest Diagnostics Incorporated	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1114230	Seattle Flu Study	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Erica Ryke, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Karen Cowgill, Stephanie Schrag, Jeff Duchin, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Helen Y. Chu, Trevor Bedford, Jay Shendure
EPI_ISL_1114231, EPI_ISL_1114233	Seattle Flu Study	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Erica Ryke, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Jay Shendure, Trevor Bedford, Helen Y. Chu
EPI_ISL_1114249, EPI_ISL_1114251, EPI_ISL_1114252, EPI_ISL_1114254	Washington State Department of Health	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Erica Ryke, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Ramesh 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_1114261, EPI_ISL_1114262, EPI_ISL_1114263, EPI_ISL_1114264, EPI_ISL_1114265, EPI_ISL_1114266, EPI_ISL_1114268, EPI_ISL_1114269	Seattle Flu Study	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Erica Ryke, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, 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_1114273	Seattle Flu Study	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Erica Ryke, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Ryan Alexander, Daniel Bates, Rebecca Bruders, Stephanie DeBaun, Clem Green, Muhammad Halimun, Jessica Halow, Kneshay Harper, Matt Hartman, Andrew Meuser, Alex Nguyen, Truong Nguyen, Sofia Olsson, Sadie Patraw, Hannah Petersen, Tobias Ragoczy, Joshua Richards, Jacob Rodriguez, John Stamatoyannopoulos, Julia Wald, Olivia Waltner, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Helen Y. Chu, Jay Shendure, Trevor Bedford
EPI_ISL_1114276	Seattle Flu Study	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Erica Ryke, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Jay Shendure, Trevor Bedford, Helen Y. Chu
EPI_ISL_1114283, EPI_ISL_1114286, EPI_ISL_1114287, EPI_ISL_1114289	Seattle Flu Study	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Erica Ryke, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Karen Cowgill, Stephanie Schrag, Jeff Duchin, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Helen Y. Chu, Trevor Bedford, Jay Shendure
EPI_ISL_1114295, EPI_ISL_1114296, EPI_ISL_1114297, EPI_ISL_1114298, EPI_ISL_1114299, EPI_ISL_1114300, EPI_ISL_1114305, EPI_ISL_1114306, EPI_ISL_1114317, EPI_ISL_1114318, EPI_ISL_1114319, EPI_ISL_1114320, EPI_ISL_1114330, EPI_ISL_1114331, EPI_ISL_1114333, EPI_ISL_1114343, EPI_ISL_1114345, EPI_ISL_1114349, EPI_ISL_1114351			
see above	Altius Institute for Biomedical Sciences	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Erica Ryke, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Ryan Alexander, Daniel Bates, Rebecca Bruders, Stephanie DeBaun, Clem Green, Muhammad Halimun, Jessica Halow, Kneshay Harper, Matt Hartman, Andrew Meuser, Alex Nguyen, Truong Nguyen, Sofia Olsson, Sadie Patraw, Hannah Petersen, Tobias Ragoczy, Joshua Richards, Jacob Rodriguez, John Stamatoyannopoulos, Julia Wald, Olivia Waltner, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Helen Y. Chu, Jay Shendure, Trevor Bedford
EPI_ISL_1114383	Seattle Flu Study	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Erica Ryke, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Jay Shendure, Trevor Bedford, Helen Y. Chu
EPI_ISL_1114407	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Jim Mildenberger, Wanda Manley, Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Lyebert, Ashley Norberg, Chayse Rowley, Marley Goetz, Brian Dominguez, Elliot Thomasson, Cari Sloma, and Rob Christensen
EPI_ISL_1114441, EPI_ISL_1114449	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin L. Young, Kelly F. Oakeson, Tara Gallagher
EPI_ISL_1114526	OCME Office Of Chief Medical Examiner	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1114532, EPI_ISL_1114544, EPI_ISL_1114553, EPI_ISL_1114555, EPI_ISL_1114567, EPI_ISL_1114571, EPI_ISL_1114588, EPI_ISL_1114612, EPI_ISL_1114638, EPI_ISL_1114640, EPI_ISL_1114642, EPI_ISL_1114647, EPI_ISL_1114652, EPI_ISL_1114656, EPI_ISL_1114658, EPI_ISL_1114662			
see above	Quest Diagnostics Incorporated	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1114672, EPI_ISL_1114684, EPI_ISL_1114693, EPI_ISL_1114694, EPI_ISL_1114698, EPI_ISL_1114714	New Mexico Department of Health Scientific Laboratory	New Mexico Department of Health Scientific Laboratory	Ellie Johnson, Anastacia Griego-Fisher, D'eldra Malone, Jennifer Benoit

EPI_ISL_1116505, EPI_ISL_1116542	NYU Langone Health	Departments of Pathology and Medicine, New York University School of Medicine	Adriana Heguy, Dacia Dimartino, Emily Guzman, Christian Marier, Peter Meyn, Sitharam Ramaswami, Gael Westby, Paul Zappile, Yutong Zhang, Paolo Cotzia, Guiqing Wang
EPI_ISL_1119871	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_1121015, EPI_ISL_1121018, EPI_ISL_1121019, EPI_ISL_1121027	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Jim Mildenerberger, Wanda Manley, Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Chayse Rowley, Marley Goetz, Brian Dominguez, Elliot Thomasson, Cari Sloma, and Rob Christensen
EPI_ISL_1121088, EPI_ISL_1121114, EPI_ISL_1121115, EPI_ISL_1121116, EPI_ISL_1121118, EPI_ISL_1121121, EPI_ISL_1121136	Nebraska Public Health Laboratory	NPHL COVID-19 Response Team	NPHL COVID-19 Response Team
EPI_ISL_1121238	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPI_ISL_1121496, EPI_ISL_1121497, EPI_ISL_1121515, EPI_ISL_1121530	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_1121560, EPI_ISL_1121570, EPI_ISL_1121592, EPI_ISL_1121595, EPI_ISL_1121601, EPI_ISL_1121629	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1121832, EPI_ISL_1121838	Rhode Island Department of Health	Infectious Disease Program, Broad Institute of Harvard and MIT	Lemieux,J.E., Siddle,K.J., Huard,R., King,E., Azevedo,K., Miller,A., Adams,G., Gladden-Young,A., Lagerborg,K., Rudy,M., DeRuff,K., Carter,A., Normandin,E., Bauer,M., Reilly,S., Tomkins-Tinch,C., Loreth,C., Chaluvasi,S., Birren,B.W., Gallagher,G., Smole,S., Park,D.J., MacInnis,B.L., and Sabeti,P.C.
EPI_ISL_1121901	Department of Health & Mental Hygiene Fort Greene	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1121928	Department of Health & Mental Hygiene Chelsea	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1122083, EPI_ISL_1122088, EPI_ISL_1122102, EPI_ISL_1122103, EPI_ISL_1121510, EPI_ISL_1122187, EPI_ISL_1122188, EPI_ISL_1122207, EPI_ISL_1122208, EPI_ISL_1122226, EPI_ISL_1122236, EPI_ISL_1122243, EPI_ISL_1122268, EPI_ISL_1122333	see above	OHSU Lab Services Molecular Microbiology Lab	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_1125719	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Aalborg University	Danish Covid-19 Genome Consortium
EPI_ISL_1132142, EPI_ISL_1132148, EPI_ISL_1132169, EPI_ISL_1132234, EPI_ISL_1132237, EPI_ISL_1132269, EPI_ISL_1132292	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton
EPI_ISL_1132742	Vault Health	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1132756, EPI_ISL_1132770, EPI_ISL_1132781, EPI_ISL_1132785, EPI_ISL_1132809	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1132845, EPI_ISL_1132847, EPI_ISL_1132848, EPI_ISL_1132849, EPI_ISL_1132851, EPI_ISL_1132853, EPI_ISL_1132854, EPI_ISL_1132855, EPI_ISL_1132856, EPI_ISL_1132857, EPI_ISL_1132858, EPI_ISL_1132859, EPI_ISL_1132860, EPI_ISL_1132864, EPI_ISL_1132866, EPI_ISL_1132871, EPI_ISL_1132873, EPI_ISL_1132876, EPI_ISL_1132884, EPI_ISL_1132886, EPI_ISL_1132887, EPI_ISL_1132888, EPI_ISL_1132889, EPI_ISL_1132891, EPI_ISL_1132892, EPI_ISL_1132893, EPI_ISL_1132894, EPI_ISL_1132895, EPI_ISL_1132897, EPI_ISL_1132900, EPI_ISL_1132902, EPI_ISL_1132905, EPI_ISL_1132908, EPI_ISL_1132909, EPI_ISL_1132910, EPI_ISL_1132912, EPI_ISL_1132914, EPI_ISL_1132915, EPI_ISL_1132916, EPI_ISL_1132917, EPI_ISL_1132918, EPI_ISL_1132921, EPI_ISL_1132924, EPI_ISL_1132925, EPI_ISL_1132927, EPI_ISL_1132928, EPI_ISL_1132930, EPI_ISL_1132931, EPI_ISL_1132933, EPI_ISL_1132934, EPI_ISL_1132941, EPI_ISL_1132943, EPI_ISL_1132946, EPI_ISL_1132948, EPI_ISL_1132956, EPI_ISL_1132958, EPI_ISL_1132959, EPI_ISL_1132961, EPI_ISL_1132962, EPI_ISL_1132964, EPI_ISL_1132966, EPI_ISL_1132967, EPI_ISL_1132969	see above	Fulgent Genetics	Harry Gao, Mickey Li, John Gao, Joseph Fierro, Benafsh Sapra, Becky Tsai, Yan Meng, Doreen Ng, James Xie
EPI_ISL_1133792, EPI_ISL_1133798, EPI_ISL_1133802, EPI_ISL_1133804, EPI_ISL_1133805, EPI_ISL_1133822, EPI_ISL_1133830, EPI_ISL_1133832, EPI_ISL_1133838, EPI_ISL_1133842, EPI_ISL_1133847, EPI_ISL_1133858, EPI_ISL_1133859, EPI_ISL_1133862, EPI_ISL_1133883, EPI_ISL_1133884, EPI_ISL_1133892, EPI_ISL_1133895, EPI_ISL_1133900, EPI_ISL_1133901, EPI_ISL_1133912, EPI_ISL_1133915, EPI_ISL_1133917, EPI_ISL_1133920, EPI_ISL_1133933, EPI_ISL_1133938, EPI_ISL_1133940, EPI_ISL_1133944, EPI_ISL_1133947, EPI_ISL_1133960, EPI_ISL_1133964, EPI_ISL_1133969, EPI_ISL_1133972, EPI_ISL_1133975, EPI_ISL_1133980, EPI_ISL_1133981, EPI_ISL_1133987, EPI_ISL_1133994, EPI_ISL_1134005, EPI_ISL_1134006, EPI_ISL_1134011, EPI_ISL_1134016, EPI_ISL_1134019, EPI_ISL_1134042, EPI_ISL_1134047, EPI_ISL_1134056, EPI_ISL_1134058, EPI_ISL_1134063, EPI_ISL_1134065, EPI_ISL_1134073, EPI_ISL_1134090, EPI_ISL_1134099, EPI_ISL_1134106, EPI_ISL_1134114, EPI_ISL_1134116, EPI_ISL_1134127, EPI_ISL_1134138, EPI_ISL_1134139, EPI_ISL_1134145, EPI_ISL_1134147, EPI_ISL_1134158, EPI_ISL_1134163, EPI_ISL_1134167, EPI_ISL_1134180, EPI_ISL_1134181, EPI_ISL_1134182, EPI_ISL_1134193, EPI_ISL_1134208, EPI_ISL_1134231, EPI_ISL_1134260, EPI_ISL_1134261, EPI_ISL_1134272, EPI_ISL_1134274, EPI_ISL_1134280, EPI_ISL_1134281, EPI_ISL_1134297, EPI_ISL_1134299, EPI_ISL_1134304, EPI_ISL_1134305, EPI_ISL_1134308, EPI_ISL_1134314, EPI_ISL_1134315, EPI_ISL_1134323, EPI_ISL_1134325, EPI_ISL_1134336, EPI_ISL_1134338, EPI_ISL_1134348, EPI_ISL_1134351, EPI_ISL_1134367, EPI_ISL_1134368, EPI_ISL_1134371, EPI_ISL_1134389, EPI_ISL_1134399, EPI_ISL_1134400, EPI_ISL_1134404, EPI_ISL_1134407, EPI_ISL_1134412, EPI_ISL_1134481, EPI_ISL_1134502, EPI_ISL_1134505, EPI_ISL_1134514, EPI_ISL_1134533, EPI_ISL_1134539, EPI_ISL_1134557, EPI_ISL_1134558, EPI_ISL_1134563, EPI_ISL_1134568, EPI_ISL_1134570, EPI_ISL_1134574, EPI_ISL_1134582, EPI_ISL_1134594, EPI_ISL_1134596, EPI_ISL_1134616, EPI_ISL_1134626, EPI_ISL_1134649, EPI_ISL_1134654, EPI_ISL_1134656, EPI_ISL_1134664, EPI_ISL_1134670, EPI_ISL_1134687, EPI_ISL_1134695, EPI_ISL_1134704, EPI_ISL_1134716, EPI_ISL_1134730, EPI_ISL_1134740, EPI_ISL_1134751, EPI_ISL_1134784, EPI_ISL_1134816, EPI_ISL_1134818, EPI_ISL_1134822, EPI_ISL_1134823, EPI_ISL_1134835	see above	Helix/Illumina	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, Eileen de Feo, Jan Antico, Christine Tran, Matthew Tolentino, Shannon Wickline, Kim Gietzen, Brad Sickler, Jingtao Liu, Eric Allen, Phil Febbo, Summer Galloway, Nicole L. Washington, Simon White, Geraint Levan, Kelly Schiabor Barrett, Elizabeth Cirulli, Alexandre Bolze, Ary Ascencio, Charlotte Rivera-Garcia, Ryan Cho, Jason Nguyen, Sherry Wang, Jimmy Ramirez, Tyler Cassens, Efen Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suixiang Tong, Duncan MacCannell
EPI_ISL_1134840, EPI_ISL_1134844, EPI_ISL_1134845, EPI_ISL_1134848, EPI_ISL_1134849, EPI_ISL_1134850, EPI_ISL_1134851, EPI_ISL_1134853, EPI_ISL_1134854, EPI_ISL_1134856, EPI_ISL_1134857, EPI_ISL_1134859, EPI_ISL_1134860, EPI_ISL_1134861, EPI_ISL_1134862, EPI_ISL_1134863, EPI_ISL_1134864, EPI_ISL_1134866, EPI_ISL_1134869, EPI_ISL_1134870, EPI_ISL_1134871, EPI_ISL_1134873, EPI_ISL_1134874, EPI_ISL_1134875, EPI_ISL_1134876, EPI_ISL_1134877, EPI_ISL_1134879, EPI_ISL_1134880, EPI_ISL_1134881, EPI_ISL_1134883, EPI_ISL_1134888, EPI_ISL_1134889, EPI_ISL_1134892, EPI_ISL_1134893, EPI_ISL_1134897, EPI_ISL_1134900	see above	Fulgent Genetics	Harry Gao, Mickey Li, John Gao, Joseph Fierro, Benafsh Sapra, Becky Tsai, Yan Meng, Doreen Ng, James Xie
EPI_ISL_1135079	Arizona State Public Health Laboratory	Arizona State Public Health Laboratory	Trung Huynh, Jessica Escobar, Katherine Fullerton, Nobuko Fukushima, Stacy White, Linda Getsinger, Victor Waddell
EPI_ISL_1135857, EPI_ISL_1135860, EPI_ISL_1135861, EPI_ISL_1135871, EPI_ISL_1135876, EPI_ISL_1135879, EPI_ISL_1135881, EPI_ISL_1135894, EPI_ISL_1135905, EPI_ISL_1135909, EPI_ISL_1135912, EPI_ISL_1135920, EPI_ISL_1135923, EPI_ISL_1135924, EPI_ISL_1135929, EPI_ISL_1135931, EPI_ISL_1135934, EPI_ISL_1135935, EPI_ISL_1135938, EPI_ISL_1135939, EPI_ISL_1135941, EPI_ISL_1135942, EPI_ISL_1135944, EPI_ISL_1135945, EPI_ISL_1135959, EPI_ISL_1135973, EPI_ISL_1135975, EPI_ISL_1135988, EPI_ISL_1135989, EPI_ISL_1135997, EPI_ISL_1136002, EPI_ISL_1136004, EPI_ISL_1136008, EPI_ISL_1136010, EPI_ISL_1136014, EPI_ISL_1136027, EPI_ISL_1136031, EPI_ISL_1136040, EPI_ISL_1136046, EPI_ISL_1136052, EPI_ISL_1136061, EPI_ISL_1136062, EPI_ISL_1136068, EPI_ISL_1136071, EPI_ISL_1136076, EPI_ISL_1136077, EPI_ISL_1136083, EPI_ISL_1136087, EPI_ISL_1136088, EPI_ISL_1136089, EPI_ISL_1136097, EPI_ISL_1136103, EPI_ISL_1136110, EPI_ISL_1136112, EPI_ISL_1136113, EPI_ISL_1136114, EPI_ISL_1136122, EPI_ISL_1136124, EPI_ISL_1136127, EPI_ISL_1136130, EPI_ISL_1136131, EPI_ISL_1136137, EPI_ISL_1136146, EPI_ISL_1136147, EPI_ISL_1136149, EPI_ISL_1136156, EPI_ISL_1136160, EPI_ISL_1136162, EPI_ISL_1136163, EPI_ISL_1136164, EPI_ISL_1136165, EPI_ISL_1136166, EPI_ISL_1136167, EPI_ISL_1136171, EPI_ISL_1136175, EPI_ISL_1136176, EPI_ISL_1136180, EPI_ISL_1136181, EPI_ISL_1136183, EPI_ISL_1136185, EPI_ISL_1136186, EPI_ISL_1136189, EPI_ISL_1136205, EPI_ISL_1136207, EPI_ISL_1136267, EPI_ISL_1136271, EPI_ISL_1136272, EPI_ISL_1136283, EPI_ISL_1136284, EPI_ISL_1136289, EPI_ISL_1136300, EPI_ISL_1136302, EPI_ISL_1136308, EPI_ISL_1136312, EPI_ISL_1136318, EPI_ISL_1136322, EPI_ISL_1136323, EPI_ISL_1136326, EPI_ISL_1136328, EPI_ISL_1136329, EPI_ISL_1136331, EPI_ISL_1136336, EPI_ISL_1136340, EPI_ISL_1136341, EPI_ISL_1136347, EPI_ISL_1136354, EPI_ISL_1136355, EPI_ISL_1136356, EPI_ISL_1136358, EPI_ISL_1136360, EPI_ISL_1136364, EPI_ISL_1136365, EPI_ISL_1136370, EPI_ISL_1136372, EPI_ISL_1136377, EPI_ISL_1136382, EPI_ISL_1136385, EPI_ISL_1136387, EPI_ISL_1136389, EPI_ISL_1136390, EPI_ISL_1136402, EPI_ISL_1136406, EPI_ISL_1136407, EPI_ISL_1136408, EPI_ISL_1136409, EPI_ISL_1136410, EPI_ISL_1136412, EPI_ISL_1136413, EPI_ISL_1136414, EPI_ISL_1136415, EPI_ISL_1136416, EPI_ISL_1136417, EPI_ISL_1136418, EPI_ISL_1136419, EPI_ISL_1136421, EPI_ISL_1136429, EPI_ISL_1136440, EPI_ISL_1136441, EPI_ISL_1136444, EPI_ISL_1136445, EPI_ISL_1136454, EPI_ISL_1136456, EPI_ISL_1136457, EPI_ISL_1136458, EPI_ISL_1136459, EPI_ISL_1136461, EPI_ISL_1136475, EPI_ISL_1136478, EPI_ISL_1136481, EPI_ISL_1136485, EPI_ISL_1136486, EPI_ISL_1136487, EPI_ISL_1136489, EPI_ISL_1136508, EPI_ISL_1136510, EPI_ISL_1136512, EPI_ISL_1136515, EPI_ISL_1136516, EPI_ISL_1136518, EPI_ISL_1136525, EPI_ISL_1136540, EPI_ISL_1136544, EPI_ISL_1136549, EPI_ISL_1136555, EPI_ISL_1136570, EPI_ISL_1136574, EPI_ISL_1136575, EPI_ISL_1136579, EPI_ISL_1136580, EPI_ISL_1136581, EPI_ISL_1136582, EPI_ISL_1136583, EPI_ISL_1136584, EPI_ISL_1136585, EPI_ISL_1136589, EPI_ISL_1136591, EPI_ISL_1136595, EPI_ISL_1136600, EPI_ISL_1136603, EPI_ISL_1136604, EPI_ISL_1136605, EPI_ISL_1136606, EPI_ISL_1136607, EPI_ISL_1136608, EPI_ISL_1136609, EPI_ISL_1136611, EPI_ISL_1136612, EPI_ISL_1136614, EPI_ISL_1136616, EPI_ISL_1136618, EPI_ISL_1136623, EPI_ISL_1136632, EPI_ISL_1136633, EPI_ISL_1136634, EPI_ISL_1136635, EPI_ISL_1136636, EPI_ISL_1136637, EPI_ISL_1136638, EPI_ISL_1136639, EPI_ISL_1136640, EPI_ISL_1136641, EPI_ISL_1136642, EPI_ISL_1136643, EPI_ISL_1136644, EPI_ISL_1136645, EPI_ISL_1136646, EPI_ISL_1136647, EPI_ISL_1136648, EPI_ISL_1136649, EPI_ISL_1136650, EPI_ISL_1136651, EPI_ISL_1136652, EPI_ISL_1136653, EPI_ISL_1136654, EPI_ISL_1136655, EPI_ISL_1136656, EPI_ISL_1136657, EPI_ISL_1136658, EPI_ISL_1136659, EPI_ISL_1136660, EPI_ISL_1136661, EPI_ISL_1136662, EPI_ISL_1136663, EPI_ISL_1136664, EPI_ISL_1136665, EPI_ISL_1136666, EPI_ISL_1136667, EPI_ISL_1136668, EPI_ISL_1136669, EPI_ISL_1136670, EPI_ISL_1136671, EPI_ISL_1136672, EPI_ISL_1136673, EPI_ISL_1136674, EPI_ISL_1136675, EPI_ISL_1136676, EPI_ISL_1136677, EPI_ISL_1136678, EPI_ISL_1136679, EPI_ISL_1136680, EPI_ISL_1136681, EPI_ISL_1136682, EPI_ISL_1136683, EPI_ISL_1136684, EPI_ISL_1136685, EPI_ISL_1136686, EPI_ISL_1136687, EPI_ISL_1136688, EPI_ISL_1136689, EPI_ISL_1136690, EPI_ISL_1136691, EPI_ISL_1136692, EPI_ISL_1136693, EPI_ISL_1136694, EPI_ISL_1136695, EPI_ISL_1136696, EPI_ISL_1136697, EPI_ISL_1136698, EPI_ISL_1136699, EPI_ISL_1136700, EPI_ISL_1136701, EPI_ISL_1136702, EPI_ISL_1136703, EPI_ISL_1136704, EPI_ISL_1136705, EPI_ISL_1136706, EPI_ISL_1136707, EPI_ISL_1136708, EPI_ISL_1136709, EPI_ISL_1136710, EPI_ISL_1136711, EPI_ISL_1136712, EPI_ISL_1136713, EPI_ISL_1136714, EPI_ISL_1136715, EPI_ISL_1136716, EPI_ISL_1136717, EPI_ISL_1136718, EPI_ISL_1136719, EPI_ISL_1136720, EPI_ISL_1136721, EPI_ISL_1136722, EPI_ISL_1136723, EPI_ISL_1136724, EPI_ISL_1136725, EPI_ISL_1136726, EPI_ISL_1136727, EPI_ISL_1136728, EPI_ISL_1136729, EPI_ISL_1136730, EPI_ISL_1136731, EPI_ISL_1136732, EPI_ISL_1136733, EPI_ISL_1136734, EPI_ISL_1136735, EPI_ISL_1136736, EPI_ISL_1136737, EPI_ISL_1136738, EPI_ISL_1136739, EPI_ISL_1136740, EPI_ISL_1136741, EPI_ISL_1136742, EPI_ISL_1136743, EPI_ISL_1136744, EPI_ISL_1136745, EPI_ISL_1136746, EPI_ISL_1136747, EPI_ISL_1136748, EPI_ISL_1136749, EPI_ISL_1136750, EPI_ISL_1136751, EPI_ISL_1136752, EPI_ISL_1136753, EPI_ISL_1136754, EPI_ISL_1136755, EPI_ISL_1136756, EPI_ISL_1136757, EPI_ISL_1136758, EPI_ISL_1136759, EPI_ISL_1136760, EPI_ISL_1136761, EPI_ISL_1136762, EPI_ISL_1136763, EPI_ISL_1136764, EPI_ISL_1136765, EPI_ISL_1136766, EPI_ISL_1136767, EPI_ISL_1136768, EPI_ISL_1136769, EPI_ISL_1136770, EPI_ISL_1136771, EPI_ISL_1136772, EPI_ISL_1136773, EPI_ISL_1136774, EPI_ISL_1136775, EPI_ISL_1136776, EPI_ISL_1136777, EPI_ISL_1136778, EPI_ISL_1136779, EPI_ISL_1136780, EPI_ISL_1136781, EPI_ISL_1136782, EPI_ISL_1136783, EPI_ISL_1136784, EPI_ISL_1136785, EPI_ISL_1136786, EPI_ISL_1136787, EPI_ISL_1136788, EPI_ISL_1136789, EPI_ISL_1136790, EPI_ISL_1136791, EPI_ISL_1136792, EPI_ISL_1136793, EPI_ISL_1136794, EPI_ISL_1136795, EPI_ISL_1136796, EPI_ISL_1136797, EPI_ISL_1136798, EPI_ISL_1136799, EPI_ISL_1136800, EPI_ISL_1136801, EPI_ISL_1136802, EPI_ISL_1136803, EPI_ISL_1136804, EPI_ISL_1136805, EPI_ISL_1136806, EPI_ISL_1136807, EPI_ISL_1136808, EPI_ISL_1136809, EPI_ISL_1136810, EPI_ISL_1136811, EPI_ISL_1136812, EPI_ISL_1136813, EPI_ISL_1136814, EPI_ISL_1136815, EPI_ISL_1136816, EPI_ISL_1136817, EPI_ISL_1136818, EPI_ISL_1136819, EPI_ISL_1136820, EPI_ISL_1136821, EPI_ISL_1136822, EPI_ISL_1136823, EPI_ISL_1136824, EPI_ISL_1136825, EPI_ISL_1136826, EPI_ISL_1136827, EPI_ISL_1136828, EPI_ISL_1136829, EPI_ISL_1136830, EPI_ISL_1136831, EPI_ISL_1136832, EPI_ISL_1136833, EPI_ISL_1136834, EPI_ISL_1136835, EPI_ISL_1136836, EPI_ISL_1136837, EPI_ISL_1136838, EPI_ISL_1136839, EPI_ISL_1136840, EPI_ISL_1136841, EPI_ISL_1136842, EPI_ISL_1136843, EPI_ISL_1136844, EPI_ISL_1136845, EPI_ISL_1136846, EPI_ISL_1136847, EPI_ISL_1136848, EPI_ISL_1136849, EPI_ISL_1136850, EPI_ISL_1136851, EPI_ISL_1136852, EPI_ISL_1136853, EPI_ISL_1136854, EPI_ISL_1136855, EPI_ISL_1136856, EPI_ISL_1136857, EPI_ISL_1136858, EPI_ISL_1136859, EPI_ISL_1136860, EPI_ISL_1136861, EPI_ISL_1136862, EPI_ISL_1136863, EPI_ISL_1136864, EPI_ISL_1136865, EPI_ISL_1136866, EPI_ISL_1136867, EPI_ISL_1136868, EPI_ISL_1136869, EPI_ISL_1136870, EPI_ISL_1136871, EPI_ISL_1136872, EPI_ISL_1136873, EPI_ISL_1136874, EPI_ISL_1136875, EPI_ISL_1136876, EPI_ISL_1136877, EPI_ISL_1136878, EPI_ISL_1136879, EPI_ISL_1136880, EPI_ISL_1136881, EPI_ISL_1136882, EPI_ISL_1136883, EPI_ISL_1136884, EPI_ISL_1136885, EPI_ISL_1136886, EPI_ISL_1136887, EPI_ISL_1136888, EPI_ISL_1136889, EPI_ISL_1136890, EPI_ISL_1136891, EPI_ISL_1136892, EPI_ISL_1136893, EPI_ISL_1136894, EPI_ISL_1136895, EPI_ISL_1136896, EPI_ISL_1136897, EPI_ISL_1136898, EPI_ISL_1136899, EPI_ISL_1136900, EPI_ISL_1136901, EPI_ISL_1136902, EPI_ISL_1136903, EPI_ISL_1136904, EPI_ISL_1136905, EPI_ISL_1136906, EPI_ISL_1136907, EPI_ISL_1136908, EPI_ISL_1136909, EPI_ISL_1136910, EPI_ISL_1136911, EPI_ISL_1136912, EPI_ISL_1136913, EPI_ISL_1136914, EPI_ISL_1136915, EPI_ISL_1136916, EPI_ISL_1136917, EPI_ISL_1136918, EPI_ISL_1136919, EPI_ISL_1136920, EPI_ISL_1136921, EPI_ISL_1136922, EPI_ISL_1136923, EPI_ISL_1136924, EPI_ISL_1136925, EPI_ISL_1136926, EPI_ISL_1136927, EPI_ISL_1136928, EPI_ISL_1136929, EPI_ISL_1136930, EPI_ISL_1136931, EPI_ISL_1136932, EPI_ISL_1136933, EPI_ISL_1136934, EPI_ISL_1136935, EPI_ISL_1136936, EPI_ISL_1136937, EPI_ISL_1136938, EPI_ISL_1136939, EPI_ISL_1136940, EPI_ISL_1136941, EPI_ISL_1136942, EPI_ISL_1136943, EPI_ISL_1136944, EPI_ISL_1136945, EPI_ISL_1136946, EPI_ISL_1136947, EPI_ISL_1136948, EPI_ISL_1136949, EPI_ISL_1136950, EPI_ISL_1136951, EPI_ISL_1136952, EPI_ISL_1136953, EPI_ISL_1136954, EPI_ISL_1136955, EPI_ISL_1136956, EPI_ISL_1136957, EPI_ISL_1136958, EPI_ISL_1136959, EPI_ISL_1136960, EPI_ISL_1136961, EPI_ISL_1136962, EPI_ISL_1136963, EPI_ISL_1136964, EPI_ISL_1136965, EPI_ISL_1136966, EPI_ISL_1136967, EPI_ISL_1136968, EPI_ISL_1136969, EPI_ISL_1136970, EPI_ISL_1136971, EPI_ISL_1136972, EPI_ISL_1136973, EPI_ISL_1136974, EPI_ISL_1136975, EPI_ISL_1136976, EPI_ISL_1136977, EPI_ISL_1136978, EPI_ISL_1136979, EPI_ISL_1136980, EPI_ISL_1136981, EPI_ISL_1136982, EPI_ISL_1136983, EPI_ISL_1136984, EPI_ISL_1136985, EPI_ISL_1136986, EPI_ISL_1136987, EPI_ISL_1136988, EPI_ISL_1136989, EPI_ISL_1136990, EPI_ISL_1136991, EPI_ISL_1136992, EPI_ISL_1136993, EPI_ISL_			

EPI_ISL_1137263, EPI_ISL_1137265, EPI_ISL_1137266, EPI_ISL_1137267, EPI_ISL_1137268, EPI_ISL_1137271, EPI_ISL_1137272, EPI_ISL_1137273, EPI_ISL_1137274, EPI_ISL_1137275, EPI_ISL_1137277, EPI_ISL_1137280, EPI_ISL_1137283, EPI_ISL_1137284, EPI_ISL_1137286, EPI_ISL_1137290, EPI_ISL_1137291, EPI_ISL_1137295, EPI_ISL_1137300, EPI_ISL_1137301, EPI_ISL_1137302, EPI_ISL_1137303			
see above	Nevada State Public Health Laboratory	Nevada State Public Health Laboratory	Andrew Gorzalski, Mark Pandori
EPI_ISL_1137506, EPI_ISL_1137522, EPI_ISL_1137529, EPI_ISL_1137558, EPI_ISL_1137567, EPI_ISL_1137568	Clinical Molecular Microbiology Laboratory, UNC Hospitals	Jeremy Wang	Jeremy Wang, Alexander Rubinsteyn, Colleen Rice, Jason Smedberg, Shawn Hawken, Melissa Miller, Corbin Jones, Robert Hagan
EPI_ISL_1137644, EPI_ISL_1137647	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Department
EPI_ISL_1139180, EPI_ISL_1139190, EPI_ISL_1139195, EPI_ISL_1139199, EPI_ISL_1139200, EPI_ISL_1139225, EPI_ISL_1139251, EPI_ISL_1139252, EPI_ISL_1139263, EPI_ISL_1139265, EPI_ISL_1139268, EPI_ISL_1139291, EPI_ISL_1139322, EPI_ISL_1139334, EPI_ISL_1139338, EPI_ISL_1139342, EPI_ISL_1139343, EPI_ISL_1139351, EPI_ISL_1139364, EPI_ISL_1139385, EPI_ISL_1139389, EPI_ISL_1139390, EPI_ISL_1139394, EPI_ISL_1139400, EPI_ISL_1139409, EPI_ISL_1139413, EPI_ISL_1139415, EPI_ISL_1139417, EPI_ISL_1139428, EPI_ISL_1139429, EPI_ISL_1139430, EPI_ISL_1139484, EPI_ISL_1139505, EPI_ISL_1139515, EPI_ISL_1139590, EPI_ISL_1139591, EPI_ISL_1139599, EPI_ISL_1139611, EPI_ISL_1139616, EPI_ISL_1139634, EPI_ISL_1139637, EPI_ISL_1139658, EPI_ISL_1139659, EPI_ISL_1139662, EPI_ISL_1139670, EPI_ISL_1139671, EPI_ISL_1139672, EPI_ISL_1139675, EPI_ISL_1139676, EPI_ISL_1139679, EPI_ISL_1139681, EPI_ISL_1139686, EPI_ISL_1139708, EPI_ISL_1139711, EPI_ISL_1139718, EPI_ISL_1139719, EPI_ISL_1139730, EPI_ISL_1139740, EPI_ISL_1139741, EPI_ISL_1139742, EPI_ISL_1139747, EPI_ISL_1139748, EPI_ISL_1139760, EPI_ISL_1139764, EPI_ISL_1139767, EPI_ISL_1139768, EPI_ISL_1139781, EPI_ISL_1139785, EPI_ISL_1139796, EPI_ISL_1139805, EPI_ISL_1139810, EPI_ISL_1139811, EPI_ISL_1139812, EPI_ISL_1139813, EPI_ISL_1139814, EPI_ISL_1139815, EPI_ISL_1139819, EPI_ISL_1139822, EPI_ISL_1139825, EPI_ISL_1139828, EPI_ISL_1139834, EPI_ISL_1139835, EPI_ISL_1139837, EPI_ISL_1139838, EPI_ISL_1139841, EPI_ISL_1139842, EPI_ISL_1139843, EPI_ISL_1139844, EPI_ISL_1139846, EPI_ISL_1139847, EPI_ISL_1139853, EPI_ISL_1139855, EPI_ISL_1139856, EPI_ISL_1139860, EPI_ISL_1139863, EPI_ISL_1139864, EPI_ISL_1139865, EPI_ISL_1139869, EPI_ISL_1139871, EPI_ISL_1139872, EPI_ISL_1139873, EPI_ISL_1139875, EPI_ISL_1139877, EPI_ISL_1139878, EPI_ISL_1139879, EPI_ISL_1139888, EPI_ISL_1139892, EPI_ISL_1139893, EPI_ISL_1139895, EPI_ISL_1139896, EPI_ISL_1139899, EPI_ISL_1139902, EPI_ISL_1139903, EPI_ISL_1139904, EPI_ISL_1139905, EPI_ISL_1139911, EPI_ISL_1139912, EPI_ISL_1139913, EPI_ISL_1139916, EPI_ISL_1139917, EPI_ISL_1139918, EPI_ISL_1139920, EPI_ISL_1139927, EPI_ISL_1139934, EPI_ISL_1139936, EPI_ISL_1139942, EPI_ISL_1139944, EPI_ISL_1139947, EPI_ISL_1139951, EPI_ISL_1139952, EPI_ISL_1139953, EPI_ISL_1139954, EPI_ISL_1139955, EPI_ISL_1139957, EPI_ISL_1139959, EPI_ISL_1139961, EPI_ISL_1139962, EPI_ISL_1139963, EPI_ISL_1139964, EPI_ISL_1139966, EPI_ISL_1139967, EPI_ISL_1139970, EPI_ISL_1139971, EPI_ISL_1139980, EPI_ISL_1139981, EPI_ISL_1139984, EPI_ISL_1139987, EPI_ISL_1139989, EPI_ISL_1139990, EPI_ISL_1139992, EPI_ISL_1139994, EPI_ISL_1139995, EPI_ISL_1139996, EPI_ISL_1140001, EPI_ISL_1140003, EPI_ISL_1140005, EPI_ISL_1140009, EPI_ISL_1140017, EPI_ISL_1140023, EPI_ISL_1140024, EPI_ISL_1140029, EPI_ISL_1140033, EPI_ISL_1140034, EPI_ISL_1140035, EPI_ISL_1140036, EPI_ISL_1140038, EPI_ISL_1140041, EPI_ISL_1140042, EPI_ISL_1140046			
see above	Quest Diagnostics Incorporated	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1157563, EPI_ISL_1157565, EPI_ISL_1157567	Northwestern Memorial Hospital	Northwestern University - Ozer Lab	Ramon Lorenzo-Redondo, Lacy M. Simons, Taylor J. Dean, Chad J. Achenbach, Lawrence J. Jennings, Chao Qi, Michael G. Ison, Judd F. Hultquist, Egon A. Ozer
EPI_ISL_1158047, EPI_ISL_1158048, EPI_ISL_1158068, EPI_ISL_1158211, EPI_ISL_1158278, EPI_ISL_1158279, EPI_ISL_1158280, EPI_ISL_1158281, EPI_ISL_1158285, EPI_ISL_1158287, EPI_ISL_1158299, EPI_ISL_1158317, EPI_ISL_1158342, EPI_ISL_1158376			
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_1158994, EPI_ISL_1159004, EPI_ISL_1159015, EPI_ISL_1159022, EPI_ISL_1159024, EPI_ISL_1159048, EPI_ISL_1159058, EPI_ISL_1159063, EPI_ISL_1159068	Quest Diagnostics Incorporated	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1159121	DC Public Health Lab/ Dept. of Forensic Sciences	DC Public Health Lab/ Dept. of Forensic Sciences	Scott Nguyen, Janis Doss, Elizabeth Zelaya, Sarah Scott, Connie Maza, Monica Mann, Brittany Hamilton, David Payne, Jocelyn Hauser
EPI_ISL_1159233, EPI_ISL_1159239, EPI_ISL_1159244, EPI_ISL_1159255, EPI_ISL_1159265, EPI_ISL_1159271, EPI_ISL_1159275, EPI_ISL_1159276, EPI_ISL_1159284, EPI_ISL_1159287, EPI_ISL_1159288, EPI_ISL_1159306, EPI_ISL_1159310, EPI_ISL_1159319, EPI_ISL_1159323, EPI_ISL_1159330, EPI_ISL_1159331, EPI_ISL_1159332			
see above	Quest Diagnostics Incorporated	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1159397	University of Wisconsin-Madison AIDS Vaccine Research Laboratories	University of Wisconsin-Madison AIDS Vaccine Research Laboratories	Gage Moreno, Katarina Braun, et al. AIDS Vaccine Research Laboratories
EPI_ISL_1159401, EPI_ISL_1159408, EPI_ISL_1159409, EPI_ISL_1159412, EPI_ISL_1159422, EPI_ISL_1159427, EPI_ISL_1159444, EPI_ISL_1159447, EPI_ISL_1159451, EPI_ISL_1159455, EPI_ISL_1159460, EPI_ISL_1159471, EPI_ISL_1159483, EPI_ISL_1159484, EPI_ISL_1159490, EPI_ISL_1159506, EPI_ISL_1159509, EPI_ISL_1159512, EPI_ISL_1159517, EPI_ISL_1159521, EPI_ISL_1159523, EPI_ISL_1159528, EPI_ISL_1159544, EPI_ISL_1159549, EPI_ISL_1159551, EPI_ISL_1159614, EPI_ISL_1159618, EPI_ISL_1159642, EPI_ISL_1159643, EPI_ISL_1159646, EPI_ISL_1159670, EPI_ISL_1159674, EPI_ISL_1159681			
see above	Quest Diagnostics Incorporated	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1159821, EPI_ISL_1159827, EPI_ISL_1159858, EPI_ISL_1159864, EPI_ISL_1159869	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Kelsey R. Florek, Abigail C. Shockey
EPI_ISL_1159902, EPI_ISL_1159903, EPI_ISL_1159921, EPI_ISL_1159925, EPI_ISL_1159936, EPI_ISL_1159938, EPI_ISL_1159961, EPI_ISL_1159994, EPI_ISL_1160010, EPI_ISL_1160013, EPI_ISL_1160014, EPI_ISL_1160015, EPI_ISL_1160020, EPI_ISL_1160021, EPI_ISL_1160035, EPI_ISL_1160036, EPI_ISL_1160042, EPI_ISL_1160044, EPI_ISL_1160046, EPI_ISL_1160069, EPI_ISL_1160070, EPI_ISL_1160071, EPI_ISL_1160082, EPI_ISL_1160088, EPI_ISL_1160089, EPI_ISL_1160093, EPI_ISL_1160113, EPI_ISL_1160114, EPI_ISL_1160115, EPI_ISL_1160162, EPI_ISL_1160179, EPI_ISL_1160191, EPI_ISL_1160206, EPI_ISL_1160244, EPI_ISL_1160249, EPI_ISL_1160265, EPI_ISL_1160390, EPI_ISL_1160438, EPI_ISL_1160527, EPI_ISL_1160714, EPI_ISL_1160807, EPI_ISL_1160840, EPI_ISL_1160882, EPI_ISL_1160884, EPI_ISL_1160885, EPI_ISL_1160889, EPI_ISL_1160904, EPI_ISL_1160923, EPI_ISL_1160924, EPI_ISL_1160927, EPI_ISL_1160953, EPI_ISL_1160979, EPI_ISL_1160980, EPI_ISL_1160995, EPI_ISL_1161010, EPI_ISL_1161044, EPI_ISL_1161119, EPI_ISL_1161143, EPI_ISL_1161149, EPI_ISL_1161164, EPI_ISL_1161182, EPI_ISL_1161201, EPI_ISL_1161250, EPI_ISL_1161270, EPI_ISL_1161276, EPI_ISL_1161286, EPI_ISL_1161291, EPI_ISL_1161303, EPI_ISL_1161304, EPI_ISL_1161305, EPI_ISL_1161308, EPI_ISL_1161309, EPI_ISL_1161312, EPI_ISL_1161315, EPI_ISL_1161317, EPI_ISL_1161321, EPI_ISL_1161333, EPI_ISL_1161335, EPI_ISL_1161336, EPI_ISL_1161341, EPI_ISL_1161342, EPI_ISL_1161343, EPI_ISL_1161346, EPI_ISL_1161347, EPI_ISL_1161351, EPI_ISL_1161357, EPI_ISL_1161358, EPI_ISL_1161378, EPI_ISL_1161397, EPI_ISL_1161462, EPI_ISL_1161485, EPI_ISL_1161487, EPI_ISL_1161505, EPI_ISL_1161535, EPI_ISL_1161565, EPI_ISL_1161572, EPI_ISL_1161573, EPI_ISL_1161599, EPI_ISL_1161600, EPI_ISL_1161601, EPI_ISL_1161604, EPI_ISL_1161606, EPI_ISL_1161615, EPI_ISL_1161622, EPI_ISL_1161639, EPI_ISL_1161641, EPI_ISL_1161676, EPI_ISL_1161691, EPI_ISL_1161717, EPI_ISL_1161761, EPI_ISL_1161766, EPI_ISL_1161776, EPI_ISL_1161799, EPI_ISL_1161800, EPI_ISL_1161806, EPI_ISL_1161807, EPI_ISL_1161815, EPI_ISL_1161819, EPI_ISL_1161823, EPI_ISL_1161848, EPI_ISL_1161851, EPI_ISL_1161876, EPI_ISL_1161945, EPI_ISL_1161954, EPI_ISL_1162664, EPI_ISL_1162672, EPI_ISL_1162718, EPI_ISL_1162773, EPI_ISL_1162793, EPI_ISL_1162829, EPI_ISL_1162838, EPI_ISL_1162895, EPI_ISL_1162903, EPI_ISL_1162904, EPI_ISL_1162907, EPI_ISL_1162920, EPI_ISL_1162931, EPI_ISL_1162937, EPI_ISL_1162940, EPI_ISL_1162962, EPI_ISL_1162966, EPI_ISL_1162974, EPI_ISL_1162975, EPI_ISL_1162976, EPI_ISL_1162992, EPI_ISL_1162993, EPI_ISL_1163002, EPI_ISL_1163003, EPI_ISL_1163005, EPI_ISL_1163010, EPI_ISL_1163020, EPI_ISL_1163039, EPI_ISL_1163041, EPI_ISL_1163044, EPI_ISL_1163049, EPI_ISL_1163051, EPI_ISL_1163071, EPI_ISL_1163097, EPI_ISL_1163192, EPI_ISL_1163197, EPI_ISL_1163246, EPI_ISL_1163248, EPI_ISL_1163268, EPI_ISL_1163293, EPI_ISL_1163294, EPI_ISL_1163296, EPI_ISL_1163304, EPI_ISL_1163315, EPI_ISL_1163324, EPI_ISL_1163330, EPI_ISL_1163335, EPI_ISL_1163339, EPI_ISL_1163345, EPI_ISL_1163347, EPI_ISL_1163348, EPI_ISL_1163364, EPI_ISL_1163371, EPI_ISL_1163392, EPI_ISL_1163422, EPI_ISL_1163423, EPI_ISL_1163424, EPI_ISL_1163425, EPI_ISL_1163426, EPI_ISL_1163427, EPI_ISL_1163428, EPI_ISL_1163429, EPI_ISL_1163431, EPI_ISL_1163433, EPI_ISL_1163442, EPI_ISL_1163483, EPI_ISL_1163499, EPI_ISL_1163522			
see above	Laboratory Corporation of America	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dakota Howard, Dhwani Batra, Ben L. Rambo-Martin, Minoo Agarwal, Eyad Almasri Debbie Boles, Ayla Burns, Nuthawin Charoensri, Oren Cohen, Susan Countryman, Mary Ann Cristobal, Bobbi Croy, Suzanne Dale, Hrushikesh Deshmukh, Amanda Douglas, Vincent Drouillon, Marcia Eisenberg, Howard Engler, Rama Ghatti, Prashant Gupta, Susan Hicks, Jake Humphrey, Lax Iyer, Manoj Jain, Mohan Kolli, Brian Krueger, Tim Kuphal, Stanley Letovsky, Michael Levandoski, Craig Lukasik, Jonathan Meltzer, Brian Norvell, Mindy Nye, Scott Parker, Christos Petropoulos, John Pruitt, Steven Ragan, Scott Ryan, Mike Sapeta, Jana Schroth, Suresh Babu Selvaraju, Goran Stevovic, Amanda Suchanek, Andrea Throop, Lyndon Tilson, Thomas Urban, Joe Voshell, Kimberly Wagner, Jonathan Williams, Mary Williamson, Qian Zeng, Tricia Zwiefelhofer, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1163595, EPI_ISL_1163596, EPI_ISL_1163610, EPI_ISL_1163631, EPI_ISL_1163661	Maine HETL	Tewhey Lab, The Jackson Laboratory	Matluk,N., Dewey,H., Isoue,F., Barter,M., Lynch,R., Munger,H. and Tewhey,R.
EPI_ISL_1163869, EPI_ISL_1164181	Clinical Molecular Microbiology Laboratory, UNC Hospitals	Jeremy Wang	Jeremy Wang, Alexander Rubinsteyn, Colleen Rice, Jason Smedberg, Shawn Hawken, Melissa Miller, Corbin Jones, Robert Hagan
EPI_ISL_1164362, EPI_ISL_1164368, EPI_ISL_1164369, EPI_ISL_1164370, EPI_ISL_1164376, EPI_ISL_1164377, EPI_ISL_1164381, EPI_ISL_1164382, EPI_ISL_1164383, EPI_ISL_1164384, EPI_ISL_1164385, EPI_ISL_1164386, EPI_ISL_1164387, EPI_ISL_1164391, EPI_ISL_1164399, EPI_ISL_1164401, EPI_ISL_1164413, EPI_ISL_1164415, EPI_ISL_1164418, EPI_ISL_1164432, EPI_ISL_1164434, EPI_ISL_1164438			
see above	Fulgent Genetics	Fulgent Genetics	Harry Gao, Mickey Li, John Gao, Joseph Fierro, Benafsh Sapra, Becky Tsai, Yan Meng, Doreen Ng, James Xie
EPI_ISL_1164777	School of Pharmacy, Shenandoah University	School of Pharmacy, Shenandoah University	Adams,S.M., Harralson,A.F., Kidd,R.S., Sawyer,G.W.
EPI_ISL_1164784, EPI_ISL_1164785, EPI_ISL_1164805, EPI_ISL_1164809,	Idaho Bureau of Laboratories	IBL	"R. Beukelman, Matthew C. Burns, Aimee Ceniseros, Robert L. Voermans, Christopher Ball"

EPI_ISL_1164812 EPI_ISL_1164915	LSUHS Emerging Viral Threat Laboratory	Microbial Genome Sequencing Center	Jeremy P. Kamil, Jennifer L. Carroll, Rona S. Scott, Maarten Van Diest, Andrew D. Yurochko, Christopher G. Kevill, Daniel J. Snyder, Vaughn S. Cooper, John A. Vanchiere
EPI_ISL_1166121, EPI_ISL_1166196	University of Wisconsin-Madison AIDS Vaccine Research Laboratories	University of Wisconsin-Madison AIDS Vaccine Research Laboratories	Gage Moreno, Katarina Braun, et al. AIDS Vaccine Research Laboratories
EPI_ISL_1166865, EPI_ISL_1166884, EPI_ISL_1166887, EPI_ISL_1166889	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Jim Mildenberger, Wanda Manley, Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Chayse Rowley, Marley Goetz, Brian Dominguez, Elliot Thomasson, Cari Sloma, and Rob Christensen
EPI_ISL_1167203, EPI_ISL_1167208, EPI_ISL_1167210, EPI_ISL_1167217, EPI_ISL_1167221, EPI_ISL_1167222, EPI_ISL_1167229, EPI_ISL_1167230, EPI_ISL_1167236, EPI_ISL_1167237, EPI_ISL_1167240, EPI_ISL_1167242, EPI_ISL_1167243, EPI_ISL_1167247, EPI_ISL_1167248, EPI_ISL_1167249, EPI_ISL_1167250 see above	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Shah Mohamed Bakhash, Michelle Lin, Noah Baker, Meei-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_1167274, EPI_ISL_1167276, EPI_ISL_1167291 EPI_ISL_1167920	Maryland Public Health Laboratory Genetica Molecular and Subdepartamento de Virologia ISP Chile	Maryland Public Health Laboratory Instituto de Salud Publica de Chile	Maryland Department of Health Laboratories Administration Javier Tognarelli, Karen Orostica, Barbara Parra, Loredana Arata, Jaime Lagos, Gisselle Barra, Patricia Bustos, Rodrigo Fasce, Andres Castillo, Jorge Fernandez
EPI_ISL_1168463, EPI_ISL_1168474, EPI_ISL_1168477, EPI_ISL_1168501, EPI_ISL_1168540, EPI_ISL_1168564 EPI_ISL_1168705, EPI_ISL_1168706, EPI_ISL_1168720 EPI_ISL_1169549	Instituto de Diagnostico y Referencia Epidemiologicos INDRE_RNLSP Houston Health Dept. Commonwealth Healthcare Center	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE) Houston Health Dept. Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Claudia Wong-Arambula, Abril Rodriguez-Maldonado, Vanessa Rivero-Arredondo, Ariadna Medina-Benitez, Joaquin Quiroz-Mercado, David Fragoso-Fonseca, Sergio Rangel-Guerrero, Natividad Cruz-Ortiz, Tatiana Nunez-Garcia, Gisela Barrera-Badillo, Lucia Hernandez-Rivas, Irma Lopez-Martinez, Ernesto Ramirez-Gonzalez. Ryker Penn, Pamela Brown, Adolpho Lara Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhvani Batra, Justin Lee, Suxiang Tong
EPI_ISL_1169589, EPI_ISL_1169595	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Department
EPI_ISL_1169610, EPI_ISL_1169629, EPI_ISL_1169642, EPI_ISL_1169675, EPI_ISL_1169720, EPI_ISL_1169780, EPI_ISL_1169782, EPI_ISL_1169783, EPI_ISL_1169786, EPI_ISL_1169787, EPI_ISL_1169791, EPI_ISL_1169793, EPI_ISL_1169800, EPI_ISL_1169801, EPI_ISL_1169811 see above	Colorado Department of Public Health and Environment Nevada State Public Health Laboratory	Colorado Department of Public Health and Environment Nevada State Public Health Laboratory	Laura Bankers, Molly C. Hetherington-Rauth, Diana Ir, Shannon Ely, Shannon R. Matzinger, Sarah Elizabeth Totten, Emily A. Travanty Andrew Gorzalski, Mark Pandori
EPI_ISL_1169819, EPI_ISL_1169827, EPI_ISL_1169845 EPI_ISL_1171331, EPI_ISL_1171384, EPI_ISL_1171419, EPI_ISL_1171421, EPI_ISL_1171434, EPI_ISL_1171437 EPI_ISL_1171833	OHSU Lab Services Molecular Microbiology Lab Johns Hopkins Hospital Department of Pathology	Ginkgo Bioworks Clinical Laboratory Johns Hopkins Hospital Department of Pathology	Brendan L. O'Connell, Sally Grindstaff, Kayla Carter, Ruth V. Nichols, Malaika Mckenzie-Bennett, James McGann, Jim Griffin, Keith Robison, Alex Plocik, Becky Schilling, Martha Pierson, Rebecca Littlefield, Michelle Spencer, Amanda Riccardi, Birgitte Simen, Alec J. Hirsch, Donna Hansel, Guang Fan, Xuan Qin, Daniel N. Streblow, William B. Messer, Andrew C. Adey, Benjamin N. Bimber, Brian J. O'Roak C. Paul Morris, Chun Huai Luo, Adannaya Amadi, Matthew Schwartz, Nicholas Gallagher, Heba H. Mostafa
EPI_ISL_1172046, EPI_ISL_1172047, EPI_ISL_1172048, EPI_ISL_1172049, EPI_ISL_1172051, EPI_ISL_1172052, EPI_ISL_1172060, EPI_ISL_1172061, EPI_ISL_1172064, EPI_ISL_1172065, EPI_ISL_1172066, EPI_ISL_1172068, EPI_ISL_1172070, EPI_ISL_1172071, EPI_ISL_1172073, EPI_ISL_1172074, EPI_ISL_1172075, EPI_ISL_1172076, EPI_ISL_1172077, EPI_ISL_1172081, EPI_ISL_1172083, EPI_ISL_1172087, EPI_ISL_1172092, EPI_ISL_1172094, EPI_ISL_1172095, EPI_ISL_1172100, EPI_ISL_1172104 see above	Fulgent Genetics Pandemic Response Lab - NYC	Fulgent Genetics Pandemic Response Lab, R&D	Harry Gao, Mickey Li, John Gao, Joseph Fierro, Benafsh Sapra, Becky Tsai, Yan Meng, Doreen Ng, James Xie Henry Lee, Michael Hammerling, Melissa Hopkins, Cybill del Castillo, Shinyoung Clair Kang, William Ward, Pradeep Bugga, Haiping Hao, Jon Laurent
EPI_ISL_1172198, EPI_ISL_1172350, EPI_ISL_1172364, EPI_ISL_1172466, EPI_ISL_1172547, EPI_ISL_1172568, EPI_ISL_1172629, EPI_ISL_1172631, EPI_ISL_1172632, EPI_ISL_1172999, EPI_ISL_1173000, EPI_ISL_1173050, EPI_ISL_1173121, EPI_ISL_1173155, EPI_ISL_1173158 see above	Pandemic Response Lab - NYC	Pandemic Response Lab, R&D	Henry Lee, Michael Hammerling, Melissa Hopkins, Cybill del Castillo, Shinyoung Clair Kang, William Ward, Pradeep Bugga, Haiping Hao, Jon Laurent
EPI_ISL_1180942, EPI_ISL_1180954, EPI_ISL_1180970, EPI_ISL_1180983, EPI_ISL_1180990, EPI_ISL_1180992, EPI_ISL_1180994, EPI_ISL_1181004, EPI_ISL_1181008, EPI_ISL_1181011, EPI_ISL_1181012, EPI_ISL_1181018, EPI_ISL_1181026, EPI_ISL_1181030, EPI_ISL_1181048, EPI_ISL_1181051, EPI_ISL_1181052, EPI_ISL_1181054, EPI_ISL_1181055, EPI_ISL_1181060, EPI_ISL_1181066, EPI_ISL_1181067, EPI_ISL_1181068, EPI_ISL_1181072, EPI_ISL_1181075, EPI_ISL_1181079, EPI_ISL_1181080, EPI_ISL_1181082, EPI_ISL_1181084, EPI_ISL_1181087, EPI_ISL_1181114 see above	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Shah Mohamed Bakhash, Michelle Lin, Noah Baker, Sean Ellis, Saraswathi Sathees, Meei-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_1181906	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Jim Mildenberger, Wanda Manley, Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Chayse Rowley, Marley Goetz, Brian Dominguez, Elliot Thomasson, Cari Sloma, and Rob Christensen
EPI_ISL_1182016	Yale Clinical Virology Lab	Grubaugh Lab - Yale School of Public Health	Joseph Fauver, Mallory Breban, Isabell Ott, Tara Alpert, Mary Petrone, Anderson Brito, Chantal Vogels, Annie Watkins, Chaney Kalinich, Marie L. Landry, Nathan Grubaugh
EPI_ISL_1182446, EPI_ISL_1182451, EPI_ISL_1182466, EPI_ISL_1182472, EPI_ISL_1182478, EPI_ISL_1182486, EPI_ISL_1182492, EPI_ISL_1182496, EPI_ISL_1182497, EPI_ISL_1182499, EPI_ISL_1182513, EPI_ISL_1182522, EPI_ISL_1182525, EPI_ISL_1182536 see above	TGen North	TGen North	Jolene Bowers, Heather Centner, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)
EPI_ISL_1182657, EPI_ISL_1182661	University of Wisconsin-Madison AIDS Vaccine Research Laboratories	University of Wisconsin-Madison AIDS Vaccine Research Laboratories	Gage Moreno, Katarina Braun, et al. AIDS Vaccine Research Laboratories
EPI_ISL_1182695, EPI_ISL_1182699, EPI_ISL_1182700, EPI_ISL_1182705, EPI_ISL_1182706, EPI_ISL_1182707, EPI_ISL_1182708, EPI_ISL_1182710, EPI_ISL_1182712, EPI_ISL_1182713, EPI_ISL_1182729, EPI_ISL_1182730, EPI_ISL_1182740, EPI_ISL_1182756, EPI_ISL_1182770, EPI_ISL_1182790, EPI_ISL_1182802 see above	Alaska State Virology Laboratory Public Health Ontario Laboratory	Alaska State Virology Laboratory Public Health Ontario Laboratory	Stephanie DeRonde, Lisa Smith, Ph.D., Jack Chen, Ph.D. Vanessa G Allen, Philip Banh, Yao Chen, Richard de Borja, Alireza Eshaghi, Nahuel Fittipaldi, Christine Frantz, Jonathan B Gubbay, Jennifer L Guthrie, Lawrence Heisler, Esha Joshi, Michael Laszloffy, Aimin Li, Michael CY Li, Dean Maxwell, Sandeep Nagra, Samir N Patel, Jared Simpson, Karthikeyan Sivaraman, Ashleigh Sullivan, Yogi Sundaravadanam, Sarah Teatero, Andre Villegas, Matthew Watson, Sandra Zittermann
EPI_ISL_1183696, EPI_ISL_1183699, EPI_ISL_1183704, EPI_ISL_1183705, EPI_ISL_1183716, EPI_ISL_1183717, EPI_ISL_1183720, EPI_ISL_1183726, EPI_ISL_1183730, EPI_ISL_1183736, EPI_ISL_1183737, EPI_ISL_1183756 see above	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin L. Young, Kelly F. Oakeson, Tara Gallagher
EPI_ISL_1183957, EPI_ISL_1183959, EPI_ISL_1183962, EPI_ISL_1183964, EPI_ISL_1183970, EPI_ISL_1183972, EPI_ISL_1183975, EPI_ISL_1183988, EPI_ISL_1183990, EPI_ISL_1183991, EPI_ISL_1183992 see above	TGen North	Sonora Quest Laboratories	Jolene Bowers, Heather Centner, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)
EPI_ISL_1184155, EPI_ISL_1184156, EPI_ISL_1184163, EPI_ISL_1184164, EPI_ISL_1184165, EPI_ISL_1184166 EPI_ISL_1184221	Virginia Division of Consolidated Laboratory Services Vault Health	Virginia Division of Consolidated Laboratory Services Minnesota Department of Health, Public Health Laboratory	Virginia DCLS Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1184233, EPI_ISL_1184301 EPI_ISL_1184306	M Health Fairview Texas Department of State Health Services	Minnesota Department of Health, Public Health Laboratory Texas Department of State Health Services	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang Rashmi Tuladhar, Bonnie Oh, Jenny Zhang, Maliha Rahman, Mayela Pedrueza, Anita Pokharel, Myong Koag, Chun Wang, Rachel Lee, Grace Kubin
EPI_ISL_1184933, EPI_ISL_1184937, EPI_ISL_1184944, EPI_ISL_1184947, EPI_ISL_1184948, EPI_ISL_1184949	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ciliahub Consortium

EPI_ISL_1185043	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185046	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185049, EPI_ISL_1185055, EPI_ISL_1185058	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185063	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185065	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185068, EPI_ISL_1185069	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185070, EPI_ISL_1185075	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185077	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185086	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185090	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185092	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185123, EPI_ISL_1185127	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185135	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185137	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185140	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185141	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185144	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185148, EPI_ISL_1185154, EPI_ISL_1185167	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185173	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185180	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185190	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185201, EPI_ISL_1185214	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185219	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185221	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185226	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185234	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185237, EPI_ISL_1185240, EPI_ISL_1185241	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185244, EPI_ISL_1185247, EPI_ISL_1185248, EPI_ISL_1185265	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185267	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185276	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185277	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185280	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185282	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185288	County of San Luis Obispo Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185322	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185325, EPI_ISL_1185340, EPI_ISL_1185346	Humboldt County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185351, EPI_ISL_1185358	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185369	Humboldt County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185387	County of San Luis Obispo Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185393	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185424	Humboldt County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185427, EPI_ISL_1185430	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185454, EPI_ISL_1185474	Humboldt County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185480	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185488	Humboldt County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185491	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185528	Humboldt County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1185854, EPI_ISL_1185855, EPI_ISL_1185857, EPI_ISL_1185858, EPI_ISL_1185863, EPI_ISL_1185866, EPI_ISL_1185872, EPI_ISL_1185873, EPI_ISL_1185874, EPI_ISL_1185875, EPI_ISL_1185881, EPI_ISL_1185882, EPI_ISL_1185888			
see above	Scripps Medical Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Michael Quigley, Ellen Stefanski, Ian Mchardy
EPI_ISL_1185891, EPI_ISL_1185892, EPI_ISL_1185897, EPI_ISL_1185904, EPI_ISL_1185908, EPI_ISL_1185918, EPI_ISL_1185923, EPI_ISL_1185927, EPI_ISL_1185928, EPI_ISL_1185930, EPI_ISL_1185932, EPI_ISL_1185933, EPI_ISL_1185937, EPI_ISL_1185939, EPI_ISL_1185941, EPI_ISL_1185945, EPI_ISL_1185948, EPI_ISL_1185952			
see above	Sharp HealthCare Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Aaron Harding, Jacquelyn Berumen, Cathy Woerle, Liam McGinnis, Art Mendoza, Omid Bakhtar
EPI_ISL_1185960, EPI_ISL_1185961, EPI_ISL_1185962, EPI_ISL_1185963, EPI_ISL_1185964, EPI_ISL_1185967, EPI_ISL_1185969, EPI_ISL_1185971, EPI_ISL_1185973, EPI_ISL_1185976, EPI_ISL_1185978, EPI_ISL_1185981, EPI_ISL_1185982, EPI_ISL_1185985, EPI_ISL_1185986, EPI_ISL_1185989, EPI_ISL_1185991, EPI_ISL_1185992, EPI_ISL_1185993, EPI_ISL_1185994, EPI_ISL_1185995, EPI_ISL_1185996, EPI_ISL_1185997, EPI_ISL_1185998, EPI_ISL_1185999, EPI_ISL_1186000, EPI_ISL_1186001, EPI_ISL_1186005, EPI_ISL_1186008, EPI_ISL_1186009, EPI_ISL_1186011, EPI_ISL_1186014, EPI_ISL_1186015, EPI_ISL_1186016, EPI_ISL_1186017, EPI_ISL_1186020, EPI_ISL_1186021			
see above	San Diego County Public Health Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Tracy Basler, Jovan Shephard, Brett Austin

EPI_ISL_1186030, EPI_ISL_1186031, EPI_ISL_1186032, EPI_ISL_1186039, EPI_ISL_1186062, EPI_ISL_1186065	New Mexico Department of Health Scientific Laboratory	New Mexico Department of Health Scientific Laboratory	Ellie Johnson, Anastacia Griego-Fisher, D'eldra Malone, Jennifer Benoit
EPI_ISL_1191109	Los Angeles County PHL	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1191112, EPI_ISL_1191114, EPI_ISL_1191115, EPI_ISL_1191116, EPI_ISL_1191118, EPI_ISL_1191121, EPI_ISL_1191127, EPI_ISL_1191128	UCLA Clinical Micro Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1191464, EPI_ISL_1191465, EPI_ISL_1191466, EPI_ISL_1191494, EPI_ISL_1191509	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton
EPI_ISL_1192344, EPI_ISL_1192353, EPI_ISL_1192357, EPI_ISL_1192359, EPI_ISL_1192360	Clinical Molecular Microbiology Laboratory, UNC Hospitals	Jeremy Wang	Jeremy Wang, Alexander Rubinsteyn, Colleen Rice, Jason Smedberg, Shawn Hawken, Melissa Miller, Corbin Jones, Robert Hagan
EPI_ISL_1192363	City of Hope Comprehensive Cancer Center	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1192364	Huntington Memorial Hospital	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1193206	Swedish national genomic surveillance program of SARS-CoV-2	The Public Health Agency of Sweden	Swedish national genomic surveillance program of SARS-CoV-2
EPI_ISL_1193375, EPI_ISL_1193378, EPI_ISL_1193379, EPI_ISL_1193380, EPI_ISL_1193385, EPI_ISL_1193386, EPI_ISL_1193392, EPI_ISL_1193394, EPI_ISL_1193395, EPI_ISL_1193397, EPI_ISL_1193400, EPI_ISL_1193405, EPI_ISL_1193411, EPI_ISL_1193413, EPI_ISL_1193414, EPI_ISL_1193416, EPI_ISL_1193417, EPI_ISL_1193426, EPI_ISL_1193430, EPI_ISL_1193436, EPI_ISL_1193438, EPI_ISL_1193439, EPI_ISL_1193442, EPI_ISL_1193444, EPI_ISL_1193457, EPI_ISL_1193464, EPI_ISL_1193466, EPI_ISL_1193482, EPI_ISL_1193487, EPI_ISL_1193492, EPI_ISL_1193494, EPI_ISL_1193498, EPI_ISL_1193502, EPI_ISL_1193503, EPI_ISL_1193504, EPI_ISL_1193505, EPI_ISL_1193511, EPI_ISL_1193512, EPI_ISL_1193514, EPI_ISL_1193515, EPI_ISL_1193524, EPI_ISL_1193525, EPI_ISL_1193526, EPI_ISL_1193527, EPI_ISL_1193534, EPI_ISL_1193535, EPI_ISL_1193547, EPI_ISL_1193564, EPI_ISL_1193570, EPI_ISL_1193576, EPI_ISL_1193579, EPI_ISL_1193607, EPI_ISL_1193608, EPI_ISL_1193621, EPI_ISL_1193630, EPI_ISL_1193641, EPI_ISL_1193646, EPI_ISL_1193653, EPI_ISL_1193659, EPI_ISL_1193662, EPI_ISL_1193665, EPI_ISL_1193688, EPI_ISL_1193701, EPI_ISL_1193734, EPI_ISL_1193745, EPI_ISL_1193749, EPI_ISL_1193757, EPI_ISL_1193760, EPI_ISL_1193763, EPI_ISL_1193775, EPI_ISL_1193777, EPI_ISL_1193780, EPI_ISL_1193784, EPI_ISL_1193801, EPI_ISL_1193802, EPI_ISL_1193803, EPI_ISL_1193847, EPI_ISL_1193851, EPI_ISL_1193863, EPI_ISL_1193865, EPI_ISL_1193880, EPI_ISL_1193886, EPI_ISL_1193895, EPI_ISL_1193902, EPI_ISL_1193904, EPI_ISL_1193914, EPI_ISL_1193920, EPI_ISL_1193922, EPI_ISL_1193923, EPI_ISL_1193928, EPI_ISL_1193931, EPI_ISL_1193935, EPI_ISL_1193937, EPI_ISL_1193946, EPI_ISL_1193947, EPI_ISL_1193951, EPI_ISL_1193952, EPI_ISL_1193954, EPI_ISL_1193957, EPI_ISL_1193958, EPI_ISL_1193962, EPI_ISL_1193963, EPI_ISL_1193973, EPI_ISL_1193980, EPI_ISL_1193981, EPI_ISL_1193984, EPI_ISL_1193990, EPI_ISL_1194003, EPI_ISL_1194004, EPI_ISL_1194008, EPI_ISL_1194012, EPI_ISL_1194015, EPI_ISL_1194019, EPI_ISL_1194020, EPI_ISL_1194023, EPI_ISL_1194024, EPI_ISL_1194029, EPI_ISL_1194030, EPI_ISL_1194033, EPI_ISL_1194035, EPI_ISL_1194039, EPI_ISL_1194040, EPI_ISL_1194045, EPI_ISL_1194059, EPI_ISL_1194068, EPI_ISL_1194083, EPI_ISL_1194113, EPI_ISL_1194154, EPI_ISL_1194172, EPI_ISL_1194173, EPI_ISL_1194182, EPI_ISL_1194186, EPI_ISL_1194195, EPI_ISL_1194198, EPI_ISL_1194202, EPI_ISL_1194206, EPI_ISL_1194220, EPI_ISL_1194227, EPI_ISL_1194229, EPI_ISL_1194236, EPI_ISL_1194244, EPI_ISL_1194245, EPI_ISL_1194251, EPI_ISL_1194258, EPI_ISL_1194259, EPI_ISL_1194265, EPI_ISL_1194269, EPI_ISL_1194275, EPI_ISL_1194283, EPI_ISL_1194289, EPI_ISL_1194292, EPI_ISL_1194295, EPI_ISL_1194296, EPI_ISL_1194304, EPI_ISL_1194308, EPI_ISL_1194315, EPI_ISL_1194319, EPI_ISL_1194323, EPI_ISL_1194329, EPI_ISL_1194330, EPI_ISL_1194333, EPI_ISL_1194354, EPI_ISL_1194357			
see above	Quest Diagnostics Incorporated	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1195832, EPI_ISL_1195860, EPI_ISL_1195893	NYU Langone Health	Departments of Pathology and Medicine, New York University School of Medicine	Adriana Heguy, Dacia Dimartino, Emily Guzman, Christian Marier, Peter Meyn, Sitharam Ramaswami, Gael Westby, Paul Zappile, Yutong Zhang, Paolo Cotzia, Guiqing Wang
EPI_ISL_1195904, EPI_ISL_1195905	Houston Health Dept.	Houston Health Dept.	Ryker Penn, Pamela Brown, Adolpho Lara
EPI_ISL_1195916, EPI_ISL_1195929	Alaska State Virology Laboratory	Alaska State Virology Laboratory	Stephanie DeRonde, Elva House, Lisa Smith, Ph.D., Jack Chen, Ph.D.
EPI_ISL_1195946	Curative Inc	Curative Inc	Katie Bond, Vladimir Slepnev
EPI_ISL_1195967, EPI_ISL_1195979	Alaska State Virology Laboratory	Alaska State Virology Laboratory	Stephanie DeRonde, Elva House, Lisa Smith, Ph.D., Jack Chen, Ph.D.
EPI_ISL_1196097	Maryland Genomics, Institute for Genome Sciences, University of Maryland School of Medicine	Maryland Genomics, Institute for Genome Sciences, University of Maryland School of Medicine	Tallon, Luke J; Sadzewicz, Lisa D; Humphrys, Mike; Ott, Sandra; Roussey, Holly; Mehta, Aditya; Vavikolanu, Kranthi; Fraser, Claire M; Ravel, Jacques
EPI_ISL_1196198, EPI_ISL_1196206, EPI_ISL_1196220, EPI_ISL_1196221	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1196269	Mayo Clinic & Mayo Clinic Laboratories	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1196307, EPI_ISL_1196315, EPI_ISL_1196316	Texas Department of State Health Services	Texas Department of State Health Services	Rashmi Tuladhar, Bonnie Oh, Jenny Zhang, Maliha Rahman, Mayela Pedrueza, Anita Pokharel, Myong Koag, Chun Wang, Rachel Lee, Grace Kubin
EPI_ISL_1196775, EPI_ISL_1196776, EPI_ISL_1196777, EPI_ISL_1196784, EPI_ISL_1196786, EPI_ISL_1196787, EPI_ISL_1196788, EPI_ISL_1196789, EPI_ISL_1196790	Alameda County Public Health Department	Alameda County Public Health Department	Kristna Hsieh, Maria Elma, Kevin Libuit
EPI_ISL_1196893	MT Public Health Laboratory	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Brian Lynch, Anna Kelleher, Krista Queen, Anna Uehara, Peter Cook, Han Jia Justin Ng, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_1197042	USC Clinical Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1197045	Martin Luther King Jr. Community Hospital	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1197046, EPI_ISL_1197047, EPI_ISL_1197049, EPI_ISL_1197051	USC Clinical Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1197052	Martin Luther King Jr. Community Hospital	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1197053	USC Clinical Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1197054, EPI_ISL_1197057	Martin Luther King Jr. Community Hospital	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1197148	USC Clinical Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1197149	UCLA Clinical Micro Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1197935, EPI_ISL_1197939, EPI_ISL_1197957, EPI_ISL_1197963, EPI_ISL_1197969, EPI_ISL_1197973, EPI_ISL_1197974, EPI_ISL_1197985, EPI_ISL_1197988, EPI_ISL_1197992, EPI_ISL_1197997, EPI_ISL_1198002			
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_1198825	SARS-CoV-2 testing team, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Daisuke Kobayashi, Kento Fukano, Hussein H. Aly, Takanobu Kato, Makoto Kuroda
EPI_ISL_1199406	Swedish national genomic surveillance program of SARS-CoV-2	The Public Health Agency of Sweden	Swedish national genomic surveillance program of SARS-CoV-2
EPI_ISL_1200532	OCME Office Of Chief Medical Examiner	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_1200973, EPI_ISL_1200979	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano

EPI_ISL_1201132, EPI_ISL_1201140, EPI_ISL_1201141, EPI_ISL_1201143, EPI_ISL_1201147, EPI_ISL_1201151, EPI_ISL_1201152, EPI_ISL_1201155, EPI_ISL_1201166, EPI_ISL_1201168, EPI_ISL_1201171, EPI_ISL_1201177, EPI_ISL_1201184, EPI_ISL_1201189, EPI_ISL_1201197, EPI_ISL_1201198, EPI_ISL_1201201	see above	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Shah Mohamed Bakhsh, Michelle Lin, Noah Baker, Sean Ellis, Saraswathi Sathees, Meei-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_1201297	WVU Rapid Development Laboratory	WVU and Marshall University Combined Genomics Core Facilities	James Denvir, Peter Stoilov, Peter Perrotta, Wesley Kimble, Ryan Percifield	
EPI_ISL_1205162, EPI_ISL_1205163	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin L. Young, Kelly F. Oakeson, Tara Gallagher	
EPI_ISL_1205219, EPI_ISL_1205221, EPI_ISL_1205222, EPI_ISL_1205224, EPI_ISL_1205228, EPI_ISL_1205230, EPI_ISL_1205231, EPI_ISL_1205235, EPI_ISL_1205236, EPI_ISL_1205237, EPI_ISL_1205240, EPI_ISL_1205243, EPI_ISL_1205245, EPI_ISL_1205246, EPI_ISL_1205247, EPI_ISL_1205248, EPI_ISL_1205250, EPI_ISL_1205251, EPI_ISL_1205275, EPI_ISL_1205281, EPI_ISL_1205282, EPI_ISL_1205283, EPI_ISL_1205284, EPI_ISL_1205285, EPI_ISL_1205286, EPI_ISL_1205288, EPI_ISL_1205292, EPI_ISL_1205293, EPI_ISL_1205298	see above	WVU Rapid Development Laboratory	WVU and Marshall University Combined Genomics Core Facilities	James Denvir, Peter Stoilov, Peter Perrotta, Wesley Kimble, Ryan Percifield
EPI_ISL_1205383, EPI_ISL_1205395, EPI_ISL_1205409, EPI_ISL_1205441, EPI_ISL_1205451, EPI_ISL_1205452, EPI_ISL_1205456	Mayo Clinic & Mayo Clinic Laboratories	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang	
EPI_ISL_1205474, EPI_ISL_1205477	Alameda County Public Health Department	Alameda County Public Health Department	Kristna Hsieh, Maria Elma, Kevin Libuit	
EPI_ISL_1206377	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Rob Howes, The Lighthouse Lab in Cambridge and Alex Alderton, Roberto Amato, Jeffrey Barrett, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Silittle on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team	
EPI_ISL_1209049, EPI_ISL_1209060, EPI_ISL_1209063, EPI_ISL_1209069, EPI_ISL_1209071, EPI_ISL_1209074, EPI_ISL_1209077, EPI_ISL_1209078, EPI_ISL_1209085, EPI_ISL_1209090, EPI_ISL_1209093, EPI_ISL_1209096, EPI_ISL_1209098, EPI_ISL_1209109, EPI_ISL_1209110, EPI_ISL_1209133, EPI_ISL_1209135, EPI_ISL_1209136, EPI_ISL_1209138, EPI_ISL_1209139, EPI_ISL_1209151, EPI_ISL_1209152, EPI_ISL_1209154, EPI_ISL_1209168, EPI_ISL_1209169, EPI_ISL_1209170, EPI_ISL_1209171, EPI_ISL_1209175, EPI_ISL_1209184, EPI_ISL_1209187, EPI_ISL_1209188, EPI_ISL_1209189, EPI_ISL_1209195, EPI_ISL_1209202, EPI_ISL_1209207, EPI_ISL_1209216, EPI_ISL_1209221, EPI_ISL_1209233	see above	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Shah Mohamed Bakhsh, Michelle Lin, Noah Baker, Sean Ellis, Saraswathi Sathees, Meei-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_1209415, EPI_ISL_1209417, EPI_ISL_1209418, EPI_ISL_1209419, EPI_ISL_1209420, EPI_ISL_1209421, EPI_ISL_1209422, EPI_ISL_1209424, EPI_ISL_1209425, EPI_ISL_1209426, EPI_ISL_1209427, EPI_ISL_1209428, EPI_ISL_1209429, EPI_ISL_1209435, EPI_ISL_1209436, EPI_ISL_1209440, EPI_ISL_1209445, EPI_ISL_1209446, EPI_ISL_1209447, EPI_ISL_1209448, EPI_ISL_1209449, EPI_ISL_1209450	see above	Division of Emerging Infectious Diseases, Bureau of Infectious Diseases Diagnosis Control, Korea Disease Control and Prevention Agency	Division of Emerging Infectious Diseases, Bureau of Infectious Diseases Diagnosis Control, Korea Disease Control and Prevention Agency	Ae Kyung Park, Il-Hwan Kim, Heui Man Kim, Jeong-Min Kim, Chae Young Lee, Jin Sun No, Namjoo Lee, Sang Hee Woo, Eun-Jin Kim
EPI_ISL_1209458, EPI_ISL_1209460	Univeristy of New Mexico Hospital	Center for Global Health, University of New Mexico Health Sciences Center	Daryl Domman, Kurt Schwalm, Justin Bacca, Jon Femling, Darrell Dinwiddie	
EPI_ISL_1209555	Israel Central Virology laboratory	Israel National Consortium for SARS-CoV-2 sequencing	Neta Zuckerman, Efrat Dahan Bucris, Michal Mandelboim, Dana Bar-Ilan, Oran Erster, Tzvia Mann, Omer Murik, David A. Zeevi, Assaf Rokney, Joseph Jaffe, Eva Nachum, Maya Davidovich Cohen, Ephraim Fass, Gal Zizelski Valenci, Mor Rubinstein, Efrat Rorman, Israel Nissan, Efrat Glick-Saar, Omri Nayshool, Gideon Rechavi, Ella Mendelson, Orna Mor	
EPI_ISL_1218774, EPI_ISL_1218803, EPI_ISL_1218845, EPI_ISL_1218853, EPI_ISL_1218854, EPI_ISL_1218857, EPI_ISL_1218881, EPI_ISL_1218942	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton	
EPI_ISL_1219809, EPI_ISL_1219811, EPI_ISL_1219812, EPI_ISL_1219813, EPI_ISL_1219814, EPI_ISL_1219816, EPI_ISL_1219820, EPI_ISL_1219822, EPI_ISL_1219823, EPI_ISL_1219825, EPI_ISL_1219829, EPI_ISL_1219832, EPI_ISL_1219839, EPI_ISL_1219840, EPI_ISL_1219843, EPI_ISL_1219848, EPI_ISL_1219850, EPI_ISL_1219851, EPI_ISL_1219854, EPI_ISL_1219855, EPI_ISL_1219856, EPI_ISL_1219858, EPI_ISL_1219860, EPI_ISL_1219862, EPI_ISL_1219863, EPI_ISL_1219864, EPI_ISL_1219865, EPI_ISL_1219866, EPI_ISL_1219867, EPI_ISL_1219868, EPI_ISL_1219908	see above	Nevada State Public Health Laboratory	Nevada State Public Health Laboratory	Andrew Gorzalski, Mark Pandori
EPI_ISL_1219981	Texas Department of State Health Services	Texas Department of State Health Services	Rashmi Tuladhar, Bonnie Oh, Jenny Zhang, Maliha Rahman, Mayela Pedrueza, Anita Pokharel, Myong Koag, Chun Wang, Rachel Lee, Grace Kubin	
EPI_ISL_1220351, EPI_ISL_1220382, EPI_ISL_1220383, EPI_ISL_1220388, EPI_ISL_1220404, EPI_ISL_1220408, EPI_ISL_1220409, EPI_ISL_1220420, EPI_ISL_1220429, EPI_ISL_1220430, EPI_ISL_1220442, EPI_ISL_1220448, EPI_ISL_1220450, EPI_ISL_1220461, EPI_ISL_1220465, EPI_ISL_1220472, EPI_ISL_1220488, EPI_ISL_1220489, EPI_ISL_1220491, EPI_ISL_1220501, EPI_ISL_1220516, EPI_ISL_1220520, EPI_ISL_1220531, EPI_ISL_1220537, EPI_ISL_1220558, EPI_ISL_1220561, EPI_ISL_1220563, EPI_ISL_1220564, EPI_ISL_1220569, EPI_ISL_1220577, EPI_ISL_1220578, EPI_ISL_1220579, EPI_ISL_1220580, EPI_ISL_1220581, EPI_ISL_1220582, EPI_ISL_1220583, EPI_ISL_1220584, EPI_ISL_1220585, EPI_ISL_1220586, EPI_ISL_1220587, EPI_ISL_1220588, EPI_ISL_1220589, EPI_ISL_1220590, EPI_ISL_1220591, EPI_ISL_1220592, EPI_ISL_1220593, EPI_ISL_1220594, EPI_ISL_1220595, EPI_ISL_1220596, EPI_ISL_1220597, EPI_ISL_1220598, EPI_ISL_1220599, EPI_ISL_1220600, EPI_ISL_1220601, EPI_ISL_1220602, EPI_ISL_1220603, EPI_ISL_1220604, EPI_ISL_1220605, EPI_ISL_1220606, EPI_ISL_1220607, EPI_ISL_1220608, EPI_ISL_1220609, EPI_ISL_1220610, EPI_ISL_1220611, EPI_ISL_1220612, EPI_ISL_1220613, EPI_ISL_1220614, EPI_ISL_1220615, EPI_ISL_1220616, EPI_ISL_1220617, EPI_ISL_1220618, EPI_ISL_1220619, EPI_ISL_1220620, EPI_ISL_1220621, EPI_ISL_1220622, EPI_ISL_1220623, EPI_ISL_1220624, EPI_ISL_1220625, EPI_ISL_1220626, EPI_ISL_1220627, EPI_ISL_1220628, EPI_ISL_1220629, EPI_ISL_1220630, EPI_ISL_1220631, EPI_ISL_1220632, EPI_ISL_1220633, EPI_ISL_1220634, EPI_ISL_1220635, EPI_ISL_1220636, EPI_ISL_1220637, EPI_ISL_1220638, EPI_ISL_1220639, EPI_ISL_1220640, EPI_ISL_1220641, EPI_ISL_1220642, EPI_ISL_1220643, EPI_ISL_1220644, EPI_ISL_1220645, EPI_ISL_1220646, EPI_ISL_1220647, EPI_ISL_1220648, EPI_ISL_1220649, EPI_ISL_1220650, EPI_ISL_1220651, EPI_ISL_1220652, EPI_ISL_1220653, EPI_ISL_1220654, EPI_ISL_1220655, EPI_ISL_1220656, EPI_ISL_1220657, EPI_ISL_1220658, EPI_ISL_1220659, EPI_ISL_1220660, EPI_ISL_1220661, EPI_ISL_1220662, EPI_ISL_1220663, EPI_ISL_1220664, EPI_ISL_1220665, EPI_ISL_1220666, EPI_ISL_1220667, EPI_ISL_1220668, EPI_ISL_1220669, EPI_ISL_1220670, EPI_ISL_1220671, EPI_ISL_1220672, EPI_ISL_1220673, EPI_ISL_1220674, EPI_ISL_1220675, EPI_ISL_1220676, EPI_ISL_1220677, EPI_ISL_1220678, EPI_ISL_1220679, EPI_ISL_1220680, EPI_ISL_1220681, EPI_ISL_1220682, EPI_ISL_1220683, EPI_ISL_1220684, EPI_ISL_1220685, EPI_ISL_1220686, EPI_ISL_1220687, EPI_ISL_1220688, EPI_ISL_1220689, EPI_ISL_1220690, EPI_ISL_1220691, EPI_ISL_1220692, EPI_ISL_1220693, EPI_ISL_1220694, EPI_ISL_1220695, EPI_ISL_1220696, EPI_ISL_1220697, EPI_ISL_1220698, EPI_ISL_1220699, EPI_ISL_1220700, EPI_ISL_1220701, EPI_ISL_1220702, EPI_ISL_1220703, EPI_ISL_1220704, EPI_ISL_1220705, EPI_ISL_1220706, EPI_ISL_1220707, EPI_ISL_1220708, EPI_ISL_1220709, EPI_ISL_1220710, EPI_ISL_1220711, EPI_ISL_1220712, EPI_ISL_1220713, EPI_ISL_1220714, EPI_ISL_1220715, EPI_ISL_1220716, EPI_ISL_1220717, EPI_ISL_1220718, EPI_ISL_1220719, EPI_ISL_1220720, EPI_ISL_1220721, EPI_ISL_1220722, EPI_ISL_1220723, EPI_ISL_1220724, EPI_ISL_1220725, EPI_ISL_1220726, EPI_ISL_1220727, EPI_ISL_1220728, EPI_ISL_1220729, EPI_ISL_1220730, EPI_ISL_1220731, EPI_ISL_1220732, EPI_ISL_1220733, EPI_ISL_1220734, EPI_ISL_1220735, EPI_ISL_1220736, EPI_ISL_1220737, EPI_ISL_1220738, EPI_ISL_1220739, EPI_ISL_1220740, EPI_ISL_1220741, EPI_ISL_1220742, EPI_ISL_1220743, EPI_ISL_1220744, EPI_ISL_1220745, EPI_ISL_1220746, EPI_ISL_1220747, EPI_ISL_1220748, EPI_ISL_1220749, EPI_ISL_1220750, EPI_ISL_1220751, EPI_ISL_1220752, EPI_ISL_1220753, EPI_ISL_1220754, EPI_ISL_1220755, EPI_ISL_1220756, EPI_ISL_1220757, EPI_ISL_1220758, EPI_ISL_1220759, EPI_ISL_1220760, EPI_ISL_1220761, EPI_ISL_1220762, EPI_ISL_1220763, EPI_ISL_1220764, EPI_ISL_1220765, EPI_ISL_1220766, EPI_ISL_1220767, EPI_ISL_1220768, EPI_ISL_1220769, EPI_ISL_1220770, EPI_ISL_1220771, EPI_ISL_1220772, EPI_ISL_1220773, EPI_ISL_1220774, EPI_ISL_1220775, EPI_ISL_1220776, EPI_ISL_1220777, EPI_ISL_1220778, EPI_ISL_1220779, EPI_ISL_1220780, EPI_ISL_1220781, EPI_ISL_1220782, EPI_ISL_1220783, EPI_ISL_1220784, EPI_ISL_1220785, EPI_ISL_1220786, EPI_ISL_1220787, EPI_ISL_1220788, EPI_ISL_1220789, EPI_ISL_1220790, EPI_ISL_1220791, EPI_ISL_1220792, EPI_ISL_1220793, EPI_ISL_1220794, EPI_ISL_1220795, EPI_ISL_1220796, EPI_ISL_1220797, EPI_ISL_1220798, EPI_ISL_1220799, EPI_ISL_1220800, EPI_ISL_1220801, EPI_ISL_1220802, EPI_ISL_1220803, EPI_ISL_1220804, EPI_ISL_1220805, EPI_ISL_1220806, EPI_ISL_1220807, EPI_ISL_1220808, EPI_ISL_1220809, EPI_ISL_1220810, EPI_ISL_1220811, EPI_ISL_1220812, EPI_ISL_1220813, EPI_ISL_1220814, EPI_ISL_1220815, EPI_ISL_1220816, EPI_ISL_1220817, EPI_ISL_1220818, EPI_ISL_1220819, EPI_ISL_1220820, EPI_ISL_1220821, EPI_ISL_1220822, EPI_ISL_1220823, EPI_ISL_1220824, EPI_ISL_1220825, EPI_ISL_1220826, EPI_ISL_1220827, EPI_ISL_1220828, EPI_ISL_1220829, EPI_ISL_1220830, EPI_ISL_1220831, EPI_ISL_1220832, EPI_ISL_1220833, EPI_ISL_1220834, EPI_ISL_1220835, EPI_ISL_1220836, EPI_ISL_1220837, EPI_ISL_1220838, EPI_ISL_1220839, EPI_ISL_1220840, EPI_ISL_1220841, EPI_ISL_1220842, EPI_ISL_1220843, EPI_ISL_1220844, EPI_ISL_1220845, EPI_ISL_1220846, EPI_ISL_1220847, EPI_ISL_1220848, EPI_ISL_1220849, EPI_ISL_1220850, EPI_ISL_1220851, EPI_ISL_1220852, EPI_ISL_1220853, EPI_ISL_1220854, EPI_ISL_1220855, EPI_ISL_1220856, EPI_ISL_1220857, EPI_ISL_1220858, EPI_ISL_1220859, EPI_ISL_1220860, EPI_ISL_1220861, EPI_ISL_1220862, EPI_ISL_1220863, EPI_ISL_1220864, EPI_ISL_1220865, EPI_ISL_1220866, EPI_ISL_1220867, EPI_ISL_1220868, EPI_ISL_1220869, EPI_ISL_1220870, EPI_ISL_1220871, EPI_ISL_1220872, EPI_ISL_1220873, EPI_ISL_1220874, EPI_ISL_1220875, EPI_ISL_1220876, EPI_ISL_1220877, EPI_ISL_1220878, EPI_ISL_1220879, EPI_ISL_1220880, EPI_ISL_1220881, EPI_ISL_1220882, EPI_ISL_1220883, EPI_ISL_1220884, EPI_ISL_1220885, EPI_ISL_1220886, EPI_ISL_1220887, EPI_ISL_1220888, EPI_ISL_1220889, EPI_ISL_1220890, EPI_ISL_1220891, EPI_ISL_1220892, EPI_ISL_1220893, EPI_ISL_1220894, EPI_ISL_1220895, EPI_ISL_1220896, EPI_ISL_1220897, EPI_ISL_1220898, EPI_ISL_1220899, EPI_ISL_1220900, EPI_ISL_1220901, EPI_ISL_1220902, EPI_ISL_1220903, EPI_ISL_1220904, EPI_ISL_1220905, EPI_ISL_1220906, EPI_ISL_1220907, EPI_ISL_1220908, EPI_ISL_1220909, EPI_ISL_1220910, EPI_ISL_1220911, EPI_ISL_1220912, EPI_ISL_1220913, EPI_ISL_1220914, EPI_ISL_1220915, EPI_ISL_1220916, EPI_ISL_1220917, EPI_ISL_1220918, EPI_ISL_1220919, EPI_ISL_1220920, EPI_ISL_1220921, EPI_ISL_1220922, EPI_ISL_1220923, EPI_ISL_1220924, EPI_ISL_1220925, EPI_ISL_1220926, EPI_ISL_1220927, EPI_ISL_1220928, EPI_ISL_1220929, EPI_ISL_1220930, EPI_ISL_1220931, EPI_ISL_1220932, EPI_ISL_1220933, EPI_ISL_1220934, EPI_ISL_1220935, EPI_ISL_1220936, EPI_ISL_1220937, EPI_ISL_1220938, EPI_ISL_1220939, EPI_ISL_1220940, EPI_ISL_1220941, EPI_ISL_1220942, EPI_ISL_1220943, EPI_ISL_1220944, EPI_ISL_1220945, EPI_ISL_1220946, EPI_ISL_1220947, EPI_ISL_1220948, EPI_ISL_1220949, EPI_ISL_1220950, EPI_ISL_1220951, EPI_ISL_1220952, EPI_ISL_1220953, EPI_ISL_1220954, EPI_ISL_1220955, EPI_ISL_1220956, EPI_ISL_1220957, EPI_ISL_1220958, EPI_ISL_1220959, EPI_ISL_1220960, EPI_ISL_1220961, EPI_ISL_1220962, EPI_ISL_1220963, EPI_ISL_1220964, EPI_ISL_1220965, EPI_ISL_1220966, EPI_ISL_1220967, EPI_ISL_1220968, EPI_ISL_1220969, EPI_ISL_1220970, EPI_ISL_1220971, EPI_ISL_1220972, EPI_ISL_1220973, EPI_ISL_1220974, EPI_ISL_1220975, EPI_ISL_1220976, EPI_ISL_1220977, EPI_ISL_1220978, EPI_ISL_1220979, EPI_ISL_1220980, EPI_ISL_1220981, EPI_ISL_1220982, EPI_ISL_1220983, EPI_ISL_1220984, EPI_ISL_1220985, EPI_ISL_1220986, EPI_ISL_1220987, EPI_ISL_1220988, EPI_ISL_1220989, EPI_ISL_1220990, EPI_ISL_1220991, EPI_ISL_1220992, EPI_ISL_1220993, EPI_ISL_1220994, EPI_ISL_1220995, EPI_ISL_1220996, EPI_ISL_1220997, EPI_ISL_1220998, EPI_ISL_1220999, EPI_ISL_1221000, EPI_ISL_1221001, EPI_ISL_1221002, EPI_ISL_1221003, EPI_ISL_1221004, EPI_ISL_1221005, EPI_ISL_1221006, EPI_ISL_1221007, EPI_ISL_1221008, EPI_ISL_1221009, EPI_ISL_1221010, EPI_ISL_1221011, EPI_ISL_1221012, EPI_ISL_1221013, EPI_ISL_1221014, EPI_ISL_1221015, EPI_ISL_1221016, EPI_ISL_1221017, EPI_ISL_1221018, EPI_ISL_1221019, EPI_ISL_1221020, EPI_ISL_1221021, EPI_ISL_1221022, EPI_ISL_1221023, EPI_ISL_1221024, EPI_ISL_1221025, EPI_ISL_1221026, EPI_ISL_1221027, EPI_ISL_1221028, EPI_ISL_1221029, EPI_ISL_1221030, EPI_ISL_1221031, EPI_ISL_1221032, EPI_ISL_1221033, EPI_ISL_1221034, EPI_ISL_1221035, EPI_ISL_1221036, EPI_ISL_1221037, EPI_ISL_1221038, EPI_ISL_1221039, EPI_ISL_1221040, EPI_ISL_1221041, EPI_ISL_1221042, EPI_ISL_1221043, EPI_ISL_1221044, EPI_ISL_1221045, EPI_ISL_1221046, EPI_ISL_1221047, EPI_ISL_1221048, EPI_ISL_1221049, EPI_ISL_1221050, EPI_ISL_1221051, EPI_ISL_1221052, EPI_ISL_1221053, EPI_ISL_1221054, EPI_ISL_1221055, EPI_ISL_1221056, EPI_ISL_1221057, EPI_ISL_1221058, EPI_ISL_1221059, EPI_ISL_1221060, EPI_ISL_1221061, EPI_ISL_1221062, EPI_ISL_1221063, EPI_ISL_1221064, EPI_ISL_1221065, EPI_ISL_1221066, EPI_ISL_1221067, EPI_ISL_1221068, EPI_ISL_1221069, EPI_ISL_1221070, EPI_ISL_1221071, EPI_ISL_1221072, EPI_ISL_1221073, EPI_ISL_1221074, EPI_ISL_1221075, EPI_ISL_1221076, EPI_ISL_1221077, EPI_ISL_1221078, EPI_ISL_1221079, EPI_ISL_1221080, EPI_ISL_1221081, EPI_ISL_1221082, EPI_ISL_1221083, EPI_ISL_1221084, EPI_ISL_1221085, EPI_ISL_1221086, EPI_ISL_1221087, EPI_ISL_1221088, EPI_ISL_1221089, EPI_ISL_1221090, EPI_ISL_1221091, EPI_ISL_1221092, EPI_ISL_1221093, EPI_ISL_1221094, EPI_ISL_1221095, EPI_ISL_1221096, EPI_ISL_1221097, EPI_ISL_1221098, EPI_ISL_1221099, EPI_ISL_1221100, EPI_ISL_1221101, EPI_ISL_1221102, EPI_ISL_1221103, EPI_ISL_1221104, EPI_ISL_1221105, EPI_ISL_1221106, EPI_ISL_1221107, EPI_ISL_1221108, EPI_ISL_1221109, EPI_ISL_1221110, EPI_ISL_1221111, EPI_ISL_1221112, EPI_ISL_1221113, EPI_ISL_1221114, EPI_ISL_1221115, EPI_ISL_1221116, EPI_ISL_1221117, EPI_ISL_1221118, EPI_ISL_1221119, EPI_ISL_1221120, EPI_ISL_1221121, EPI_ISL_1221122, EPI_ISL_1221123, EPI_ISL_1221124, EPI_ISL_1221125, EPI_ISL_1221126, EPI_ISL_1221127, EPI_ISL_1221128, EPI_ISL_1221129, EPI_ISL_1221130, EPI_ISL_1221131, EPI_ISL_1221132, EPI_ISL_1221133, EPI_ISL_1221134, EPI_ISL_1221135, EPI_ISL_1221136, EPI_ISL_1221137, EPI_ISL_1221138, EPI_ISL_1221139, EPI_ISL_1221140, EPI_ISL_1221141, EPI_ISL_1221142, EPI_ISL_1221143, EPI_ISL_1221144, EPI_ISL_1221145, EPI_ISL_1221146, EPI_ISL_1221147, EPI_ISL_1221148, EPI_ISL_1221149, EPI_ISL_1221150, EPI_ISL_1221151, EPI_ISL_1221152, EPI_ISL_1221153, EPI_ISL_1221154, EPI_ISL_1221155, EPI_ISL_1221156, EPI_ISL_1221157, EPI_ISL_1221158, EPI_ISL_1221159, EPI_ISL_1221160, EPI_ISL_1221161, EPI_ISL_1221162, EPI_ISL_1221163, EPI_ISL_1221164, EPI_ISL_1221165, EPI_ISL_1221166, EPI_ISL_1221167, EPI_ISL_1221168, EPI_ISL_1221169, EPI_ISL_1221170, EPI_ISL_1221171, EPI_ISL_1221172, EPI_ISL_1221173, EPI_ISL_1221174, EPI_ISL_1221175, EPI_ISL_1221176, EPI_ISL_1221177, EPI_ISL_1221178, EPI_ISL_1221179, EPI_ISL_1221180, EPI_ISL_1221181, EPI_ISL_1221182, EPI_ISL_1221183, EPI_ISL_1221184, EPI_ISL_1221185, EPI_ISL_1221186, EPI_ISL_1221187, EPI_ISL_1221188, EPI_ISL_1221189, EPI_ISL_1221190, EPI_ISL_1221191, EPI_ISL_1221192, EPI_ISL_1221193, EPI_ISL_1221194, EPI_ISL_1221195, EPI_ISL_1221196, EPI_ISL_1221197, EPI_ISL_1221198, EPI_ISL_1221199, EPI_ISL_1221200, EPI_ISL_1221201, EPI_ISL_1221202, EPI_ISL_1221203, EPI_ISL_1221204, EPI_ISL_1221205, EPI_ISL_1221206, EPI_ISL_1221207, EPI_ISL_1221208, EPI_ISL_1221209, EPI_ISL_1221210, EPI_ISL_1221211, EPI_ISL_1221212, EPI_ISL_1221213, EPI_ISL_1221214, EPI_ISL_1221215, EPI_ISL_1221216, EPI_ISL_1221217, EPI_ISL_1221218, EPI_ISL_1221219, EPI_ISL_1221220, EPI_ISL_1221221, EPI_ISL_1221222, EPI_ISL_1221223, EPI_ISL_1221224, EPI_ISL_1221225, EPI_ISL_1221226, EPI_ISL_1221227, EPI_ISL_1221228, EPI_ISL_1221229, EPI_ISL_1221230, EPI_ISL_1221231, EPI_ISL_1221232, EPI_ISL_1221233, EPI_ISL_1221234, EPI_ISL_1221235, EPI_ISL_1221236, EPI_ISL_1221237, EPI_ISL_1221238, EPI_ISL_1221239, EPI_ISL_1221240, EPI_ISL_1221241, EPI_ISL_1221242, EPI_ISL_1221243, EPI_ISL_1221244, EPI_ISL_1221245, EPI_ISL_1221246, EPI_ISL_1221247, EPI_ISL_1221248, EPI_ISL_1221249, EPI_ISL_12				

EPI_ISL_1224788, EPI_ISL_1224795, EPI_ISL_1224796, EPI_ISL_1224798, EPI_ISL_1224800, EPI_ISL_1224802, EPI_ISL_1224809			
EPI_ISL_1224835, EPI_ISL_1224836, EPI_ISL_1224839, EPI_ISL_1224843, EPI_ISL_1224859, EPI_ISL_1224860	Vault Health	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1224869, EPI_ISL_1224879, EPI_ISL_1224882, EPI_ISL_1224903, EPI_ISL_1224908	Mayo Clinic & Mayo Clinic Laboratories	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1225008, EPI_ISL_1225023, EPI_ISL_1225048, EPI_ISL_1225052	Texas Department of State Health Services	Texas Department of State Health Services	Rashmi Tuladhar, Bonnie Oh, Jenny Zhang, Maliha Rahman, Mayela Pedrueza, Anita Pokharel, Myong Koag, Chun Wang, Rachel Lee, Grace Kubin
EPI_ISL_1225209, EPI_ISL_1225210, EPI_ISL_1225220, EPI_ISL_1225226, EPI_ISL_1225229, EPI_ISL_1225236	Mayo Clinic & Mayo Clinic Laboratories	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1225323, EPI_ISL_1225326, EPI_ISL_1225602	GA Department of Public Health Yale Clinical Virology Lab	GA Department of Public Health Grubaugh Lab - Yale School of Public Health	Stacy Reeves, Jonathan Edwards, Cynthia Dixey, Tonia Parrott, Aliyah Fields, Taylor Smith Joseph Fauver, Mallery Breban, Isabell Ott, Tara Alpert, Mary Petrone, Anderson Brito, Chantal Vogels, Annie Watkins, Chaney Kalinich, Marie L. Landry, Nathan Grubaugh
EPI_ISL_1225930	SC Dept of Health and Env. Control-Bureau of Laboratories	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayer, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1225938	UT-Unified State Labs: Public Health Utah DOH	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayer, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1225948	WVDHHR - Office of Laboratory Services	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayer, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1225954, EPI_ISL_1225955, EPI_ISL_1225956	CA-Los Angeles County Public Health Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayer, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1225958, EPI_ISL_1225971, EPI_ISL_1225972, EPI_ISL_1225973	"CDPH, Viral and Rickettsial Disease Laboratory"	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayer, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1225996	KY State Public Health Lab	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayer, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226008	WA State Department of Health	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayer, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226102	IL Dept. of Public Health Springfield Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayer, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226169, EPI_ISL_1226170, EPI_ISL_1226171, EPI_ISL_1226172, EPI_ISL_1226173	CA-Los Angeles County Public Health Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayer, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226178, EPI_ISL_1226184	"AK State Public Health Lab, State Health Department"	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayer, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226194, EPI_ISL_1226203, EPI_ISL_1226204, EPI_ISL_1226205, EPI_ISL_1226206	"CO Dept. of Public Health and Environment, Lab Services Division"	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayer, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226246, EPI_ISL_1226248, EPI_ISL_1226249, EPI_ISL_1226250, EPI_ISL_1226261, EPI_ISL_1226262, EPI_ISL_1226264, EPI_ISL_1226271, EPI_ISL_1226272, EPI_ISL_1226273, EPI_ISL_1226274, EPI_ISL_1226275	see above	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayer, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226285, EPI_ISL_1226286	"NM Dept. Health, Scientific Laboratory Division "	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayer, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226291, EPI_ISL_1226295, EPI_ISL_1226296, EPI_ISL_1226301, EPI_ISL_1226302	MT Public Health Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayer, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226320, EPI_ISL_1226321, EPI_ISL_1226323	UT-Unified State Labs: Public Health Utah DOH	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayer, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226329, EPI_ISL_1226334	"OK Public Health Laboratory, Oklahoma State DOH"	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayer, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226342	"MN PHL Division, Minnesota Department of Health"	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayer, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226344, EPI_ISL_1226350, EPI_ISL_1226351	OR State PHL-Virology/Immunology Section	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayer, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226397	WA State Department of Health	Genomics and Discovery, Respiratory Viruses Branch,	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayer, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie

		Division of Viral Diseases, Centers for Disease Control and Prevention	Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226407	"AZ SPHL, Arizona Department of Health Services"	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Kripe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacey, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1226671	MEMORIAL SLOAN KETTERING CANCER CENTER	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1226867	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_1227424	NYC Pandemic Response Lab	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1227441	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, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1227455	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_1227699	NYC Pandemic Response Lab	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1227850	MEMORIAL SLOAN KETTERING CANCER CENTER	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1227876	NYC Pandemic Response Lab	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1227901, EPI_ISL_1227934	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_1227958	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_1228153	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_1228163	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_1228203	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_1228205, EPI_ISL_1228206	NYC Pandemic Response Lab	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1228267	WESTCHESTER MEDICAL CENTER	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1228455	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_1228456	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_1228578	NYC Pandemic Response Lab	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_1230756, EPI_ISL_1230775	Public Health Ontario Laboratory	Public Health Ontario Laboratory	Vanessa G Allen, Philip Banh, Yao Chen, Richard de Borja, Alireza Eshaghi, Nahuel Fittipaldi, Christine Frantz, Jonathan B Gubbay, Jennifer L Guthrie, Lawrence Heisler, Esha Joshi, Michael Laszloffy, Aimin Li, Michael CY Li, Dean Maxwell, Sandeep Nagra, Samir N Patel, Jared Simpson, Karthikeyan Sivaraman, Ashleigh Sullivan, Yogi Sundaravadanam, Sarah Teatero, Andre Villegas, Matthew Watson, Sandra Zittermann
EPI_ISL_1231437, EPI_ISL_1231438, EPI_ISL_1231439, EPI_ISL_1231440, EPI_ISL_1231441, EPI_ISL_1231443, EPI_ISL_1231446, EPI_ISL_1231450, EPI_ISL_1231451, EPI_ISL_1231452, EPI_ISL_1231453, EPI_ISL_1231455, EPI_ISL_1231456, EPI_ISL_1231458, EPI_ISL_1231461, EPI_ISL_1231464, EPI_ISL_1231466, EPI_ISL_1231467, EPI_ISL_1231470, EPI_ISL_1231471, EPI_ISL_1231472, EPI_ISL_1231473, EPI_ISL_1231474, EPI_ISL_1231479, EPI_ISL_1231482, EPI_ISL_1231487, EPI_ISL_1231492, EPI_ISL_1231496, EPI_ISL_1231497, EPI_ISL_1231500, EPI_ISL_1231502, EPI_ISL_1231503, EPI_ISL_1231506, EPI_ISL_1231507, EPI_ISL_1231508, EPI_ISL_1231509, EPI_ISL_1231510, EPI_ISL_1231514, EPI_ISL_1231515, EPI_ISL_1231517, EPI_ISL_1231518, EPI_ISL_1231519, EPI_ISL_1231520, EPI_ISL_1231522, EPI_ISL_1231525, EPI_ISL_1231526, EPI_ISL_1231527, EPI_ISL_1231537, EPI_ISL_1231541, EPI_ISL_1231549, EPI_ISL_1231553, EPI_ISL_1231557, EPI_ISL_1231565, EPI_ISL_1231569, EPI_ISL_1231573, EPI_ISL_1231577, EPI_ISL_1231590, EPI_ISL_1231598, EPI_ISL_1231602, EPI_ISL_1231623, EPI_ISL_1231626, EPI_ISL_1231630, EPI_ISL_1231634, EPI_ISL_1231642, EPI_ISL_1231646, EPI_ISL_1231651, EPI_ISL_1231655, EPI_ISL_1231663, EPI_ISL_1231666, EPI_ISL_1231670, EPI_ISL_1231678, EPI_ISL_1231682, EPI_ISL_1231690, EPI_ISL_1231694, EPI_ISL_1231698, EPI_ISL_1231710, EPI_ISL_1231714, EPI_ISL_1231719, EPI_ISL_1231723, EPI_ISL_1231727, EPI_ISL_1231735, EPI_ISL_1231739, EPI_ISL_1231743, EPI_ISL_1231747, EPI_ISL_1231751, EPI_ISL_1231755, EPI_ISL_1231758, EPI_ISL_1231762, EPI_ISL_1231767, EPI_ISL_1231774, EPI_ISL_1231776, EPI_ISL_1231778, EPI_ISL_1231779, EPI_ISL_1231780, EPI_ISL_1231785, EPI_ISL_1231786, EPI_ISL_1231787, EPI_ISL_1231788, EPI_ISL_1231789, EPI_ISL_1231790, EPI_ISL_1231794, EPI_ISL_1231795, EPI_ISL_1231796, EPI_ISL_1231799, EPI_ISL_1231800, EPI_ISL_1231802, EPI_ISL_1231805, EPI_ISL_1231806, EPI_ISL_1231807, EPI_ISL_1231809, EPI_ISL_1231820, EPI_ISL_1231823, EPI_ISL_1231825, EPI_ISL_1231831, EPI_ISL_1231833, EPI_ISL_1231835, EPI_ISL_1231844, EPI_ISL_1231849, EPI_ISL_1231851, EPI_ISL_1231852, EPI_ISL_1231854, EPI_ISL_1231856, EPI_ISL_1231858, EPI_ISL_1231859, EPI_ISL_1231860, EPI_ISL_1231861, EPI_ISL_1231862, EPI_ISL_1231863, EPI_ISL_1231864, EPI_ISL_1231865, EPI_ISL_1231866, EPI_ISL_1231869, EPI_ISL_1231873, EPI_ISL_1231875, EPI_ISL_1231876, EPI_ISL_1231877, EPI_ISL_1231885, EPI_ISL_1231886, EPI_ISL_1231891, EPI_ISL_1231893, EPI_ISL_1231895, EPI_ISL_1231896, EPI_ISL_1231899, EPI_ISL_1231900, EPI_ISL_1231901, EPI_ISL_1231903, EPI_ISL_1231904, EPI_ISL_1231905, EPI_ISL_1231906, EPI_ISL_1231907, EPI_ISL_1231910, EPI_ISL_1231912, EPI_ISL_1231913, EPI_ISL_1232029, EPI_ISL_1232030, EPI_ISL_1232031, EPI_ISL_1232032, EPI_ISL_1232033, EPI_ISL_1232034, EPI_ISL_1232037, EPI_ISL_1232038, EPI_ISL_1232039, EPI_ISL_1232040, EPI_ISL_1232041, EPI_ISL_1232042, EPI_ISL_1232043, EPI_ISL_1232044, EPI_ISL_1232049, EPI_ISL_1232050, EPI_ISL_1232051, EPI_ISL_1232052, EPI_ISL_1232055, EPI_ISL_1232056, EPI_ISL_1232059, EPI_ISL_1232060, EPI_ISL_1232061, EPI_ISL_1232062, EPI_ISL_1232063, EPI_ISL_1232064, EPI_ISL_1232065, EPI_ISL_1232066, EPI_ISL_1232067, EPI_ISL_1232068, EPI_ISL_1232071, EPI_ISL_1232072, EPI_ISL_1232073, EPI_ISL_1232074, EPI_ISL_1232077, EPI_ISL_1232078, EPI_ISL_1232083, EPI_ISL_1232084, EPI_ISL_1232089, EPI_ISL_1232090, EPI_ISL_1232091, EPI_ISL_1232092, EPI_ISL_1232093, EPI_ISL_1232094, EPI_ISL_1232103, EPI_ISL_1232104, EPI_ISL_1232107, EPI_ISL_1232108, EPI_ISL_1232111, EPI_ISL_1232112, EPI_ISL_1232113, EPI_ISL_1232114, EPI_ISL_1232119, EPI_ISL_1232120, EPI_ISL_1232123, EPI_ISL_1232124, EPI_ISL_1232125, EPI_ISL_1232126, EPI_ISL_1232127, EPI_ISL_1232128, EPI_ISL_1232129, EPI_ISL_1232130, EPI_ISL_1232133, EPI_ISL_1232134, EPI_ISL_1232137, EPI_ISL_1232138, EPI_ISL_1232143, EPI_ISL_1232144, EPI_ISL_1232145, EPI_ISL_1232146, EPI_ISL_1232149, EPI_ISL_1232150, EPI_ISL_1232153, EPI_ISL_1232154, EPI_ISL_1232155, EPI_ISL_1232156, EPI_ISL_1232163, EPI_ISL_1232164, EPI_ISL_1232167, EPI_ISL_1232168, EPI_ISL_1232169, EPI_ISL_1232170, EPI_ISL_1232171, EPI_ISL_1232172, EPI_ISL_1232173, EPI_ISL_1232174, EPI_ISL_1232177, EPI_ISL_1232178, EPI_ISL_1232179, EPI_ISL_1232180			
see above	Fulgent Genetics	Fulgent Genetics	Harry Gao, Mickey Li, John Gao, Joseph Fierro, Benafsh Sapra, Becky Tsai, Yan Meng, Doreen Ng, James Xie
EPI_ISL_1232582, EPI_ISL_1232615	Dutch COVID-19 response team	National Institute for Public Health and the Environment (RIVM)	Adam Meijer, Harry Vennema, Dirk Eggink, Jeroen Cremer, Sharon van den Brink, Bas van der Veer, AnneMarie van den Brandt, Florian Zwagemaker, Dennis Schmitz, Chantal Reusken, on behalf of the national COVID-19 response team
EPI_ISL_1233288, EPI_ISL_1233295, EPI_ISL_1233348	Massachusetts State Public Health Laboratory	Massachusetts State Public Health Laboratory	Andrew Lang, Timelia Fink, Glen Gallagher, Sandra Smole
EPI_ISL_1233702	North Dakota Department of Health, Public Health Laboratory	North Dakota Department of Health, Public Health Laboratory	Lisa Wingerter
EPI_ISL_1233737, EPI_ISL_1233784, EPI_ISL_1233785	Michigan Department of Health and Human Services, Bureau of Laboratories	Michigan Department of Health and Human Services, Bureau of Laboratories	Blankenship HM, Riner D, Soehnlen MK
EPI_ISL_1233920	Infectious Diseases, Quest Diagnostics	Infectious Diseases, Quest Diagnostics	Rosenthal,S.H., Gerasimova,A., Kagan,R.M., Anderson,B., Bernstein,L.E., Livingston,K.E., Hua,M., Liu,Y., Shalhout,D.F., Owen,R., Lacbawan,F.
EPI_ISL_1234013, EPI_ISL_1234014, EPI_ISL_1234025, EPI_ISL_1234026, EPI_ISL_1234030, EPI_ISL_1234047, EPI_ISL_1234050, EPI_ISL_1234056, EPI_ISL_1234057, EPI_ISL_1234058, EPI_ISL_1234059, EPI_ISL_1234060, EPI_ISL_1234061, EPI_ISL_1234098, EPI_ISL_1234104, EPI_ISL_1234129, EPI_ISL_1234132, EPI_ISL_1234136, EPI_ISL_1234141, EPI_ISL_1234152, EPI_ISL_1234157, EPI_ISL_1234159, EPI_ISL_1234160, EPI_ISL_1234170, EPI_ISL_1234172, EPI_ISL_1234176, EPI_ISL_1234184, EPI_ISL_1234190, EPI_ISL_1234191, EPI_ISL_1234194, EPI_ISL_1234195, EPI_ISL_1234206, EPI_ISL_1234209, EPI_ISL_1234216, EPI_ISL_1234243, EPI_ISL_1234245, EPI_ISL_1234246, EPI_ISL_1234257, EPI_ISL_1234273, EPI_ISL_1234275, EPI_ISL_1234301, EPI_ISL_1234312, EPI_ISL_1234316, EPI_ISL_1234318, EPI_ISL_1234325, EPI_ISL_1234331, EPI_ISL_1234332, EPI_ISL_1234335, EPI_ISL_1234344, EPI_ISL_1234345, EPI_ISL_1234346, EPI_ISL_1234351, EPI_ISL_1234368, EPI_ISL_1234371, EPI_ISL_1234373, EPI_ISL_1234378, EPI_ISL_1234379, EPI_ISL_1234380, EPI_ISL_1234381			
see above	Colorado Department of Public Health and Environment	Colorado Department of Public Health and Environment	Laura Bankers, Molly C. Hetherington-Rauth, Diana Ir, Shannon Ely, Shannon R. Matzinger, Sarah Elizabeth Totten, Emily A. Travanty

[illegible]

EPI_ISL_1235072	Contra Costa County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235074	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235087, EPI_ISL_1235096	Contra Costa County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235097, EPI_ISL_1235112, EPI_ISL_1235125	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235129, EPI_ISL_1235130	Contra Costa County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235133, EPI_ISL_1235138	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235139	Contra Costa County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235144, EPI_ISL_1235190, EPI_ISL_1235199, EPI_ISL_1235206	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235216, EPI_ISL_1235231, EPI_ISL_1235233	Contra Costa County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235234, EPI_ISL_1235236	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235260, EPI_ISL_1235262, EPI_ISL_1235268	Contra Costa County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235285	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235286, EPI_ISL_1235288	Contra Costa County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235291	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235301, EPI_ISL_1235302, EPI_ISL_1235311	Contra Costa County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235317, EPI_ISL_1235322	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235326, EPI_ISL_1235332, EPI_ISL_1235333, EPI_ISL_1235334, EPI_ISL_1235340	Contra Costa County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235346	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235347, EPI_ISL_1235348, EPI_ISL_1235355	Contra Costa County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235360, EPI_ISL_1235401, EPI_ISL_1235403	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235412, EPI_ISL_1235415, EPI_ISL_1235420	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235427	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235429	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235433	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235438	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235439, EPI_ISL_1235444, EPI_ISL_1235452, EPI_ISL_1235454	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235455	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235458	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235467, EPI_ISL_1235470, EPI_ISL_1235483, EPI_ISL_1235484, EPI_ISL_1235487	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235498, EPI_ISL_1235501	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235517	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235519	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235526	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235534, EPI_ISL_1235536, EPI_ISL_1235563	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235577, EPI_ISL_1235587, EPI_ISL_1235595	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235608	CA DPH Viral and Rickettsial Disease Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_1235685	Baylor Scott & White-Temple	Baylor Scott & White-Temple	Ari Rao, Linden Morales, Kimberly Walker, Marcus Volz, Shelby Hendrickson, Caitlin Maloney
EPI_ISL_1235752, EPI_ISL_1235795, EPI_ISL_1235805, EPI_ISL_1235847, EPI_ISL_1235879, EPI_ISL_1235905, EPI_ISL_1235907, EPI_ISL_1235956, EPI_ISL_1235975, EPI_ISL_1236006, EPI_ISL_1236091, EPI_ISL_1236102, EPI_ISL_1236116, EPI_ISL_1236240, EPI_ISL_1236248, EPI_ISL_1236267, EPI_ISL_1236289, EPI_ISL_1236349, EPI_ISL_1236367, EPI_ISL_1236427, EPI_ISL_1236488, EPI_ISL_1236528, EPI_ISL_1236543, EPI_ISL_1236578, EPI_ISL_1236594, EPI_ISL_1236613, EPI_ISL_1236654, EPI_ISL_1236696, EPI_ISL_1236700, EPI_ISL_1236767, EPI_ISL_1236768, EPI_ISL_1236804, EPI_ISL_1236841, EPI_ISL_1236859, EPI_ISL_1236958, EPI_ISL_1237030, EPI_ISL_1237074, EPI_ISL_1237112, EPI_ISL_1237128, EPI_ISL_1237133, EPI_ISL_1237156, EPI_ISL_1237231, EPI_ISL_1237240, EPI_ISL_1237255, EPI_ISL_1237307, EPI_ISL_1237333, EPI_ISL_1237356, EPI_ISL_1237515, EPI_ISL_1237539, EPI_ISL_1237588, EPI_ISL_1237611, EPI_ISL_1237669, EPI_ISL_1237700, EPI_ISL_1237704, EPI_ISL_1237776, EPI_ISL_1237826, EPI_ISL_1237855, EPI_ISL_1238100, EPI_ISL_1238150, EPI_ISL_1238170, EPI_ISL_1238209, EPI_ISL_1238211, EPI_ISL_1238225, EPI_ISL_1238228, EPI_ISL_1238244, EPI_ISL_1238250, EPI_ISL_1238273, EPI_ISL_1238292, EPI_ISL_1238311, EPI_ISL_1238317, EPI_ISL_1238484, EPI_ISL_1238491, EPI_ISL_1238508			
see above	Houston Methodist Hospital	Houston Methodist Hospital	S. Wesley Long, Randall J. Olsen, Paul A. Christensen, Sishir Subedi, Robert Olson, James J. Davis, Matthew Ojeda Saavedra, Prasanti Yerramilli, Layne Pruitt, Kristina Reppond, Madison N. Shyer, Jessica Cambric, Ilya J. Finkelstein, Jimmy Gollihar, and James M. Musser
EPI_ISL_1238846, EPI_ISL_1238847, EPI_ISL_1238851, EPI_ISL_1238858, EPI_ISL_1238860, EPI_ISL_1238879, EPI_ISL_1238901	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin L. Young, Kelly F. Oakeson, Tara Gallagher
EPI_ISL_1238934, EPI_ISL_1238956, EPI_ISL_1238985	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_1239818, EPI_ISL_1239819	TriCore Reference Laboratories	Center for Global Health, University of New Mexico Health Sciences Center	Daryl Domman, Kurt Schwalm, Cecilia Thompson, Kendra Pesko, Karissa Culbreath, Darrell Dinwiddie

EPI_ISL_1240013, EPI_ISL_1240059, EPI_ISL_1240068	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton
EPI_ISL_1240804, EPI_ISL_1240847, EPI_ISL_1240849, EPI_ISL_1240918, EPI_ISL_1240919	Clinical Molecular Microbiology Laboratory, UNC Hospitals	Jeremy Wang	Jeremy Wang, Alexander Rubinsteyn, Colleen Rice, Jason Smedberg, Shawn Hawken, Melissa Miller, Corbin Jones, Robert Hagan
EPI_ISL_1250411, EPI_ISL_1250467	Michigan Department of Health and Human Services, Bureau of Laboratories	Michigan Department of Health and Human Services, Bureau of Laboratories	Blankenship HM, Riner D, Soehnlen MK
EPI_ISL_1252379, EPI_ISL_1252382, EPI_ISL_1252385, EPI_ISL_1252396, EPI_ISL_1252397	Division of Emerging Infectious Diseases, Bureau of Infectious Diseases Diagnosis Control, Korea Disease Control and Prevention Agency	Division of Emerging Infectious Diseases, Bureau of Infectious Diseases Diagnosis Control, Korea Disease Control and Prevention Agency	Ae Kyung Park, Il-Hwan Kim, Heui Man Kim, Jeong-Min Kim, Jeong-Ah Kimg, Chae Young Lee, Jin Sun No, Eun-Jin Kim
EPI_ISL_1252468, EPI_ISL_1252557, EPI_ISL_1252570, EPI_ISL_1252572, EPI_ISL_1252578, EPI_ISL_1252582	University of Wisconsin-Madison AIDS Vaccine Research Laboratories	University of Wisconsin-Madison AIDS Vaccine Research Laboratories	Gage Moreno, Katarina Braun, et al. AIDS Vaccine Research Laboratories
EPI_ISL_1252620, EPI_ISL_1252624, EPI_ISL_1252625	TXDSHS	TXDSHS	Rashmi Tuladhar, Bonnie Oh, Jenny Zhang, Mailha Rahman, Mayela Pedrueza, Anita Pokharel, Myong Koag, Chun Wang, Rachel Lee, Grace Kubin
EPI_ISL_1252850, EPI_ISL_1252859, EPI_ISL_1252860, EPI_ISL_1252877	University of Wisconsin-Madison AIDS Vaccine Research Laboratories	University of Wisconsin-Madison AIDS Vaccine Research Laboratories	Gage Moreno, Katarina Braun, et al. AIDS Vaccine Research Laboratories
EPI_ISL_1252924, EPI_ISL_1252927, EPI_ISL_1252928, EPI_ISL_1252932, EPI_ISL_1252934, EPI_ISL_1252944, EPI_ISL_1253014, EPI_ISL_1253018, EPI_ISL_1253022, EPI_ISL_1253026, EPI_ISL_1253028, EPI_ISL_1253031, EPI_ISL_1253135, EPI_ISL_1253141, EPI_ISL_1253144, EPI_ISL_1253146, EPI_ISL_1253151, EPI_ISL_1253157, EPI_ISL_1253203, EPI_ISL_1253207, EPI_ISL_1253209, EPI_ISL_1253213, EPI_ISL_1253222, EPI_ISL_1253223, EPI_ISL_1253364, EPI_ISL_1253373, EPI_ISL_1253390, EPI_ISL_1253391, EPI_ISL_1253400, EPI_ISL_1253404, EPI_ISL_1253450, EPI_ISL_1253462, EPI_ISL_1253464, EPI_ISL_1253465, EPI_ISL_1253468, EPI_ISL_1253471, EPI_ISL_1253513, EPI_ISL_1253515, EPI_ISL_1253517, EPI_ISL_1253528, EPI_ISL_1253529, EPI_ISL_1253536	EPI_ISL_1252946, EPI_ISL_1252952, EPI_ISL_1252969, EPI_ISL_1252970, EPI_ISL_1252979, EPI_ISL_1252985, EPI_ISL_1252987, EPI_ISL_1252993, EPI_ISL_1253006, EPI_ISL_1253007, EPI_ISL_1253012, EPI_ISL_1253032, EPI_ISL_1253033, EPI_ISL_1253036, EPI_ISL_1253039, EPI_ISL_1253049, EPI_ISL_1253085, EPI_ISL_1253091, EPI_ISL_1253104, EPI_ISL_1253106, EPI_ISL_1253118, EPI_ISL_1253133, EPI_ISL_1253163, EPI_ISL_1253164, EPI_ISL_1253165, EPI_ISL_1253173, EPI_ISL_1253180, EPI_ISL_1253181, EPI_ISL_1253182, EPI_ISL_1253185, EPI_ISL_1253190, EPI_ISL_1253201, EPI_ISL_1253202, EPI_ISL_1253228, EPI_ISL_1253229, EPI_ISL_1253230, EPI_ISL_1253231, EPI_ISL_1253232, EPI_ISL_1253236, EPI_ISL_1253239, EPI_ISL_1253246, EPI_ISL_1253283, EPI_ISL_1253285, EPI_ISL_1253344, EPI_ISL_1253355, EPI_ISL_1253423, EPI_ISL_1253422, EPI_ISL_1253426, EPI_ISL_1253427, EPI_ISL_1253429, EPI_ISL_1253431, EPI_ISL_1253442, EPI_ISL_1253443, EPI_ISL_1253446, EPI_ISL_1253473, EPI_ISL_1253477, EPI_ISL_1253480, EPI_ISL_1253482, EPI_ISL_1253485, EPI_ISL_1253486, EPI_ISL_1253494, EPI_ISL_1253497, EPI_ISL_1253503, EPI_ISL_1253507		
see above	Quest Diagnostics Incorporated	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1253610, EPI_ISL_1253611, EPI_ISL_1253612, EPI_ISL_1253613, EPI_ISL_1253614, EPI_ISL_1253615, EPI_ISL_1253617, EPI_ISL_1253619, EPI_ISL_1253620, EPI_ISL_1253621, EPI_ISL_1253624, EPI_ISL_1253625, EPI_ISL_1253626, EPI_ISL_1253627, EPI_ISL_1253628, EPI_ISL_1253629, EPI_ISL_1253630, EPI_ISL_1253631, EPI_ISL_1253632, EPI_ISL_1253633, EPI_ISL_1253634, EPI_ISL_1253635, EPI_ISL_1253637, EPI_ISL_1253638, EPI_ISL_1253640, EPI_ISL_1253641, EPI_ISL_1253642, EPI_ISL_1253644, EPI_ISL_1253645, EPI_ISL_1253646, EPI_ISL_1253647, EPI_ISL_1253648, EPI_ISL_1253649, EPI_ISL_1253650, EPI_ISL_1253651, EPI_ISL_1253652, EPI_ISL_1253653, EPI_ISL_1253655, EPI_ISL_1253656, EPI_ISL_1253657, EPI_ISL_1253659, EPI_ISL_1253661, EPI_ISL_1253662			
see above	Oregon State University TRACE Project	OSU Center for Genome Research and Biocomputing	Oregon State University TRACE Project
EPI_ISL_1253711, EPI_ISL_1253712, EPI_ISL_1253716	Flow Health	Infectious Disease Program, Broad Institute of Harvard and MIT	Lemieux,J.E., Siddle,K.J., Adams,G., Gladden-Young,A., Lagerborg,K., Rudy,M., DeRuff,K., Carter,A., Normandin,E., Bauer,M., Reilly,S., Tomkins-Tinch,C., Loreth,C., Chaluvadi,S., Birren,B.W., Gallagher,G., Smole,S., Park,D.J., MacInnis,B.L., and Sabeti,P.C.
EPI_ISL_1253819, EPI_ISL_1253846, EPI_ISL_1253867	Broad Institute Clinical Research Sequencing Platform	Infectious Disease Program, Broad Institute of Harvard and MIT	Lemieux,J.E., Siddle,K.J., Adams,G., Gladden-Young,A., Lagerborg,K., Rudy,M., DeRuff,K., Carter,A., Normandin,E., Bauer,M., Reilly,S., Tomkins-Tinch,C., Loreth,C., Chaluvadi,S., Birren,B.W., Gallagher,G., Smole,S., Park,D.J., MacInnis,B.L., and Sabeti,P.C.
EPI_ISL_1253886, EPI_ISL_1253888, EPI_ISL_1253890, EPI_ISL_1253891, EPI_ISL_1253894, EPI_ISL_1253895, EPI_ISL_1253896, EPI_ISL_1253898, EPI_ISL_1253899, EPI_ISL_1253900, EPI_ISL_1253902, EPI_ISL_1253903, EPI_ISL_1253905, EPI_ISL_1253906, EPI_ISL_1253907, EPI_ISL_1253909, EPI_ISL_1253910, EPI_ISL_1253911, EPI_ISL_1253913, EPI_ISL_1253927, EPI_ISL_1253929, EPI_ISL_1253935, EPI_ISL_1253938, EPI_ISL_1253939, EPI_ISL_1253940			
see above	Warrior Diagnostics Laboratory	Infectious Disease Program, Broad Institute of Harvard and MIT	Lemieux,J.E., Siddle,K.J., Marshall,J., O'Neill,M., Bronson,A., Adams,G., Gladden-Young,A., Lagerborg,K., Rudy,M., DeRuff,K., Carter,A., Normandin,E., Bauer,M., Reilly,S., Tomkins-Tinch,C., Loreth,C., Chaluvadi,S., Birren,B.W., Gallagher,G., Smole,S., Park,D.J., MacInnis,B.L., and Sabeti,P.C.
EPI_ISL_1253976, EPI_ISL_1253988, EPI_ISL_1253989, EPI_ISL_1253991	Rhode Island Department of Health	Infectious Disease Program, Broad Institute of Harvard and MIT	Lemieux,J.E., Siddle,K.J., Huard,R., King,E., Azevedo,K., Miller,A., Adams,G., Gladden-Young,A., Lagerborg,K., Rudy,M., DeRuff,K., Carter,A., Normandin,E., Bauer,M., Reilly,S., Tomkins-Tinch,C., Loreth,C., Chaluvadi,S., Birren,B.W., Gallagher,G., Smole,S., Park,D.J., MacInnis,B.L., and Sabeti,P.C.
EPI_ISL_1254009, EPI_ISL_1254010, EPI_ISL_1254011	Flow Health	Infectious Disease Program, Broad Institute of Harvard and MIT	Lemieux,J.E., Siddle,K.J., Adams,G., Gladden-Young,A., Lagerborg,K., Rudy,M., DeRuff,K., Carter,A., Normandin,E., Bauer,M., Reilly,S., Tomkins-Tinch,C., Loreth,C., Chaluvadi,S., Birren,B.W., Gallagher,G., Smole,S., Park,D.J., MacInnis,B.L., and Sabeti,P.C.
EPI_ISL_1254013, EPI_ISL_1254017, EPI_ISL_1254019, EPI_ISL_1254020, EPI_ISL_1254021, EPI_ISL_1254022, EPI_ISL_1254024, EPI_ISL_1254025, EPI_ISL_1254030, EPI_ISL_1254031, EPI_ISL_1254032, EPI_ISL_1254033, EPI_ISL_1254038, EPI_ISL_1254041, EPI_ISL_1254042, EPI_ISL_1254043, EPI_ISL_1254047, EPI_ISL_1254051, EPI_ISL_1254057, EPI_ISL_1254063, EPI_ISL_1254064, EPI_ISL_1254066, EPI_ISL_1254068, EPI_ISL_1254071, EPI_ISL_1254077, EPI_ISL_1254079, EPI_ISL_1254093, EPI_ISL_1254095, EPI_ISL_1254096, EPI_ISL_1254101, EPI_ISL_1254106, EPI_ISL_1254107, EPI_ISL_1254108, EPI_ISL_1254110, EPI_ISL_1254117, EPI_ISL_1254123, EPI_ISL_1254129, EPI_ISL_1254136, EPI_ISL_1254138, EPI_ISL_1254140, EPI_ISL_1254144, EPI_ISL_1254149, EPI_ISL_1254167, EPI_ISL_1254169, EPI_ISL_1254173, EPI_ISL_1254174, EPI_ISL_1254176, EPI_ISL_1254177, EPI_ISL_1254180, EPI_ISL_1254188, EPI_ISL_1254192, EPI_ISL_1254193, EPI_ISL_1254194, EPI_ISL_1254196, EPI_ISL_1254210, EPI_ISL_1254217, EPI_ISL_1254218, EPI_ISL_1254220, EPI_ISL_1254221, EPI_ISL_1254222, EPI_ISL_1254227, EPI_ISL_1254241, EPI_ISL_1254254, EPI_ISL_1254257, EPI_ISL_1254262, EPI_ISL_1254267, EPI_ISL_1254270, EPI_ISL_1254278, EPI_ISL_1254297, EPI_ISL_1254298, EPI_ISL_1254302, EPI_ISL_1254304, EPI_ISL_1254307, EPI_ISL_1254317, EPI_ISL_1254320, EPI_ISL_1254326, EPI_ISL_1254338, EPI_ISL_1254340, EPI_ISL_1254342, EPI_ISL_1254348, EPI_ISL_1254356, EPI_ISL_1254397, EPI_ISL_1254403, EPI_ISL_1254405, EPI_ISL_1254407, EPI_ISL_1254417, EPI_ISL_1254445, EPI_ISL_1254462, EPI_ISL_1254464, EPI_ISL_1254466, EPI_ISL_1254476, EPI_ISL_1254477, EPI_ISL_1254478, EPI_ISL_1254494, EPI_ISL_1254505, EPI_ISL_1254527, EPI_ISL_1254528			
see above	Quest Diagnostics Incorporated	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1255102	Curative Inc	Curative Inc	Katie Bond
EPI_ISL_1255937, EPI_ISL_1255966, EPI_ISL_1255975	New Mexico Department of Health Scientific Laboratory	New Mexico Department of Health Scientific Laboratory	Ellie Johnson, Anastacia Griego-Fisher, D'eldra Malone, Jennifer Benoit
EPI_ISL_1258668, EPI_ISL_1258677, EPI_ISL_1258691, EPI_ISL_1258935, EPI_ISL_1258956, EPI_ISL_1258970, EPI_ISL_1258971, EPI_ISL_1258972, EPI_ISL_1258987	Pandemic Response Lab - NYC	Pandemic Response Lab, R&D	Henry Lee, Michael Hammerling, Melissa Hopkins, Cybill del Castillo, Shinyoung Clair Kang, William Ward, Pradeep Bugga, Haiping Hao, Jon Laurent
EPI_ISL_1259768	Viollier AG	Department of Biosystems Science and Engineering, ETH Zürich	Christian Beisel, Sarah Nadeau, Chaoran Chen, Ivan Topolsky, Philipp Jablonski, Lara Fuhrmann, David Dreifuss, Katharina Jahn, Rebecca Denes, Mirjam Feldkamp, Ina Nissen, Natascha Santacroce, Elodie Burcklen, Christiane Beckmann, Maurice Redondo, Olivier Kobel, Christoph Noppen, Sophie Seidel, Noemie Santamaria de Souza, Niko Beerenwinkel, Tanja Stadler
EPI_ISL_1260634	Houston Health Dept.	Houston Health Dept.	Ryker Penn, Pamela Brown, Adolpho Lara
EPI_ISL_1260702	US Air Force School of Aerospace Medicine	US Air Force School of Aerospace Medicine	Anthony Fries, Jennifer Meyer, William Gruner, William Buggele, Amanda Javorina, Sarah Purves, Clarise Starr, Elizabeth Macias
EPI_ISL_1260719, EPI_ISL_1260720, EPI_ISL_1260721, EPI_ISL_1260722, EPI_ISL_1260723, EPI_ISL_1260724, EPI_ISL_1260725, EPI_ISL_1260726, EPI_ISL_1260728, EPI_ISL_1260729, EPI_ISL_1260730, EPI_ISL_1260731, EPI_ISL_1260732, EPI_ISL_1260734, EPI_ISL_1260735, EPI_ISL_1260736, EPI_ISL_1260738, EPI_ISL_1260739, EPI_ISL_1260743			
see above	United States Air Force Academy	US Air Force School of Aerospace Medicine	Anthony Fries, Jennifer Meyer, William Gruner, William Buggele, Amanda Javorina, Sarah Purves, Clarise Starr, Elizabeth Macias
EPI_ISL_1260968, EPI_ISL_1260985, EPI_ISL_1261021, EPI_ISL_1261036, EPI_ISL_1261113	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_1261435, EPI_ISL_1261436,	US Air Force School of Aerospace Medicine	US Air Force School of Aerospace Medicine	Anthony Fries, Jennifer Meyer, William Gruner, William Buggele, Amanda Javorina, Sarah Purves, Clarise Starr, Elizabeth Macias

EPI_ISL_1261441, EPI_ISL_1261445			
EPI_ISL_1261585	New Mexico Department of Health Scientific Laboratory	New Mexico Department of Health Scientific Laboratory	Ellie Johnson, Anastacia Griego-Fisher, D'eldra Malone, Jennifer Benoit
EPI_ISL_1261618, EPI_ISL_1261624, EPI_ISL_1261631, EPI_ISL_1261632	TXDSHS	TXDSHS	Rashmi Tuladhar, Bonnie Oh, Jenny Zhang, Maliha Rahman, Mayela Pedrueza, Anita Pokharel, Myong Koag, Chun Wang, Rachel Lee, Grace Kubin
EPI_ISL_1261904, EPI_ISL_1261907, EPI_ISL_1261921, EPI_ISL_1261930, EPI_ISL_1261933, EPI_ISL_1261937, EPI_ISL_1261945, EPI_ISL_1261947, EPI_ISL_1261951, EPI_ISL_1261969, EPI_ISL_1261982, EPI_ISL_1261988, EPI_ISL_1262012, EPI_ISL_1262022, EPI_ISL_1262034, EPI_ISL_1262038, EPI_ISL_1262125, EPI_ISL_1262133, EPI_ISL_1262159, EPI_ISL_1262161, EPI_ISL_1262162, EPI_ISL_1262163, EPI_ISL_1262165, EPI_ISL_1262174, EPI_ISL_1262191, EPI_ISL_1262207, EPI_ISL_1262210, EPI_ISL_1262213, EPI_ISL_1262214, EPI_ISL_1262215, EPI_ISL_1262228, EPI_ISL_1262230, EPI_ISL_1262231, EPI_ISL_1262234, EPI_ISL_1262274, EPI_ISL_1262278, EPI_ISL_1262284, EPI_ISL_1262300, EPI_ISL_1262305, EPI_ISL_1262306, EPI_ISL_1262324, EPI_ISL_1262336, EPI_ISL_1262338, EPI_ISL_1262342, EPI_ISL_1262350, EPI_ISL_1262360, EPI_ISL_1262369, EPI_ISL_1262372, EPI_ISL_1262385, EPI_ISL_1262393, EPI_ISL_1262402, EPI_ISL_1262403, EPI_ISL_1262404, EPI_ISL_1262424, EPI_ISL_1262444, EPI_ISL_1262445			
see above	Helix/Illumina	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, Eileen de Feo, Jan Antico, Christine Tran, Matthew Tolentino, Shannon Wickline, Kim Gietzen, Brad Sickler, Jingtao Liu, Eric Allen, Phil Febbo, Summer Galloway, Nicole L. Washington, Simon White, Geraint Levan, Kelly Schiabor Barrett, Elizabeth Cirulli, Alexandre Bolze, Ary Ascencio, Charlotte Rivera-Garcia, Ryan Cho, Jason Nguyen, Sherry Wang, Jimmy Ramirez, Tyler Cassens, Efrén Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1262506, EPI_ISL_1262536, EPI_ISL_1262540, EPI_ISL_1262577	NYU Langone Health	Departments of Pathology and Medicine, New York University School of Medicine	Adriana Heguy, Dacia Dimartino, Emily Guzman, Christian Marier, Peter Meyn, Sitharam Ramaswami, Gael Westby, Paul Zappile, Yutong Zhang, Paolo Cotzia, Guiqing Wang
EPI_ISL_1262592, EPI_ISL_1262596	City of Milwaukee Health Department Laboratory	City of Milwaukee Health Department Laboratory	Sanjib Bhattacharyya
EPI_ISL_1263103, EPI_ISL_1263104, EPI_ISL_1263106, EPI_ISL_1263107, EPI_ISL_1263109, EPI_ISL_1263111, EPI_ISL_1263113, EPI_ISL_1263114, EPI_ISL_1263116, EPI_ISL_1263117, EPI_ISL_1263118, EPI_ISL_1263119, EPI_ISL_1263120, EPI_ISL_1263122, EPI_ISL_1263123, EPI_ISL_1263158, EPI_ISL_1263159, EPI_ISL_1263160, EPI_ISL_1263161, EPI_ISL_1263162, EPI_ISL_1263164, EPI_ISL_1263165, EPI_ISL_1263166, EPI_ISL_1263167, EPI_ISL_1263170, EPI_ISL_1263172, EPI_ISL_1263173, EPI_ISL_1263178, EPI_ISL_1263179, EPI_ISL_1263184, EPI_ISL_1263186			
see above	Nevada State Public Health Laboratory	Nevada State Public Health Laboratory	Andrew Gorzalski, Mark Pandori
EPI_ISL_1263229, EPI_ISL_1263231	Monterey County Public Health Laboratory	Monterey County Public Health Laboratory	Monterey County Public Health Laboratory
EPI_ISL_1263341, EPI_ISL_1263346, EPI_ISL_1263355, EPI_ISL_1263360, EPI_ISL_1263361, EPI_ISL_1263362	Washington State Department of Health Public Health Laboratories	Washington State Department of Health Public Health Laboratories	Drew MacKellar, Philip Dykema, Denny Russell, Joenice Gonzalez, Geoff Melly, Vanessa De Los Santos, Darren Lucas, JohnAric Peterson, Avi Singh, Rebecca Cao
EPI_ISL_1263465, EPI_ISL_1263466, EPI_ISL_1263475, EPI_ISL_1263476, EPI_ISL_1263479, EPI_ISL_1263482, EPI_ISL_1263483, EPI_ISL_1263486, EPI_ISL_1263490, EPI_ISL_1263505, EPI_ISL_1263507, EPI_ISL_1263508, EPI_ISL_1263515, EPI_ISL_1263517, EPI_ISL_1263519, EPI_ISL_1263520, EPI_ISL_1263523, EPI_ISL_1263524, EPI_ISL_1263529, EPI_ISL_1263530, EPI_ISL_1263533, EPI_ISL_1263537, EPI_ISL_1263538, EPI_ISL_1263539			
see above	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Shah Mohamed Bakhsh, Michelle Lin, Noah Baker, Sean Ellis, Saraswathi Sathees, Meeli-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_1265066	Ohio Department of Health Laboratory	Ohio Department of Health Laboratory	Holmes, Jennifer; Eric Brandt, Keoni Omura, Glen McGillivray, Caitlin McDonnell, Jade Mowery, Stephanie Mccracken, Tyler Payne, Kirtana Ramadugu, Erica Leasure, Brent Lee, Kelsey Florek, Heather Blankenship, Allison Black, Quanta Brown, and Tammy Bannerman
EPI_ISL_1265386, EPI_ISL_1265389	Nebraska Public Health Laboratory	NPHL COVID-19 Response Team	NPHL COVID-19 Response Team
EPI_ISL_1265913, EPI_ISL_1265914, EPI_ISL_1265918, EPI_ISL_1265924, EPI_ISL_1265925, EPI_ISL_1265930, EPI_ISL_1265935, EPI_ISL_1265938, EPI_ISL_1265952, EPI_ISL_1265954, EPI_ISL_1265961, EPI_ISL_1265966, EPI_ISL_1265977, EPI_ISL_1265981, EPI_ISL_1265998, EPI_ISL_1266010, EPI_ISL_1266036, EPI_ISL_1266041, EPI_ISL_1266042, EPI_ISL_1266044, EPI_ISL_1266066, EPI_ISL_1266074, EPI_ISL_1266086, EPI_ISL_1266091, EPI_ISL_1266093, EPI_ISL_1266097, EPI_ISL_1266107, EPI_ISL_1266113			
see above	Quest Diagnostics Incorporated	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1266119	Nebraska Public Health Laboratory	NPHL COVID-19 Response Team	NPHL COVID-19 Response Team
EPI_ISL_1266148, EPI_ISL_1266150, EPI_ISL_1266151, EPI_ISL_1266163, EPI_ISL_1266168, EPI_ISL_1266170, EPI_ISL_1266174, EPI_ISL_1266175, EPI_ISL_1266191, EPI_ISL_1266196, EPI_ISL_1266197, EPI_ISL_1266219, EPI_ISL_1266224, EPI_ISL_1266226, EPI_ISL_1266479, EPI_ISL_1266485, EPI_ISL_1266533, EPI_ISL_1266568, EPI_ISL_1266571, EPI_ISL_1266596, EPI_ISL_1266613, EPI_ISL_1266663, EPI_ISL_1266667, EPI_ISL_1266734, EPI_ISL_1266763, EPI_ISL_1266787, EPI_ISL_1266810, EPI_ISL_1266816, EPI_ISL_1266821, EPI_ISL_1267182, EPI_ISL_1267183, EPI_ISL_1267191, EPI_ISL_1267211, EPI_ISL_1267212, EPI_ISL_1267232, EPI_ISL_1267247, EPI_ISL_1267295, EPI_ISL_1267321			
see above	Quest Diagnostics Incorporated	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1267329	Mayo Clinic & Mayo Clinic Laboratories	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_1267333, EPI_ISL_1267342, EPI_ISL_1267350, EPI_ISL_1267357, EPI_ISL_1267365, EPI_ISL_1267379, EPI_ISL_1267449, EPI_ISL_1267453, EPI_ISL_1267455, EPI_ISL_1267457, EPI_ISL_1267461, EPI_ISL_1267470			
see above	Quest Diagnostics Incorporated	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1267505, EPI_ISL_1267507, EPI_ISL_1267514, EPI_ISL_1267537, EPI_ISL_1267542, EPI_ISL_1267545, EPI_ISL_1267548, EPI_ISL_1267557, EPI_ISL_1267568, EPI_ISL_1267569, EPI_ISL_1267575, EPI_ISL_1267582, EPI_ISL_1267598, EPI_ISL_1267606, EPI_ISL_1267607, EPI_ISL_1267629, EPI_ISL_1267634, EPI_ISL_1267635, EPI_ISL_1267645, EPI_ISL_1267648, EPI_ISL_1267659, EPI_ISL_1267666, EPI_ISL_1267691, EPI_ISL_1267749, EPI_ISL_1267765, EPI_ISL_1267776, EPI_ISL_1267782, EPI_ISL_1267790, EPI_ISL_1267804, EPI_ISL_1267815, EPI_ISL_1267817, EPI_ISL_1267820, EPI_ISL_1267839, EPI_ISL_1267843, EPI_ISL_1267845, EPI_ISL_1267851, EPI_ISL_1267873, EPI_ISL_1267876, EPI_ISL_1267878, EPI_ISL_1267889, EPI_ISL_1267904, EPI_ISL_1267911, EPI_ISL_1267912, EPI_ISL_1267918, EPI_ISL_1267920, EPI_ISL_1267934, EPI_ISL_1267938, EPI_ISL_1267954, EPI_ISL_1267971, EPI_ISL_1267978, EPI_ISL_1267988, EPI_ISL_1268000, EPI_ISL_1268012, EPI_ISL_1268018, EPI_ISL_1268019, EPI_ISL_1268046, EPI_ISL_1268067, EPI_ISL_1268075, EPI_ISL_1268086, EPI_ISL_1268097, EPI_ISL_1268098, EPI_ISL_1268099, EPI_ISL_1268109, EPI_ISL_1268113, EPI_ISL_1268116, EPI_ISL_1268119, EPI_ISL_1268146, EPI_ISL_1268147, EPI_ISL_1268163, EPI_ISL_1268187, EPI_ISL_1268188, EPI_ISL_1268189, EPI_ISL_1268222, EPI_ISL_1268231, EPI_ISL_1268237			
see above	Helix/Illumina	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, Eileen de Feo, Jan Antico, Christine Tran, Matthew Tolentino, Shannon Wickline, Kim Gietzen, Brad Sickler, Jingtao Liu, Eric Allen, Phil Febbo, Summer Galloway, Nicole L. Washington, Simon White, Geraint Levan, Kelly Schiabor Barrett, Elizabeth Cirulli, Alexandre Bolze, Ary Ascencio, Charlotte Rivera-Garcia, Ryan Cho, Jason Nguyen, Sherry Wang, Jimmy Ramirez, Tyler Cassens, Efrén Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1268250	DPHL	Delaware Public Health Lab	Rebecca Savage
EPI_ISL_1268286, EPI_ISL_1268305, EPI_ISL_1268317, EPI_ISL_1268321, EPI_ISL_1268344, EPI_ISL_1268363, EPI_ISL_1268378, EPI_ISL_1268402, EPI_ISL_1268404, EPI_ISL_1268413, EPI_ISL_1268415, EPI_ISL_1268422, EPI_ISL_1268440, EPI_ISL_1268459, EPI_ISL_1268473, EPI_ISL_1268485, EPI_ISL_1268500, EPI_ISL_1268506, EPI_ISL_1268509, EPI_ISL_1268512, EPI_ISL_1268527, EPI_ISL_1268544, EPI_ISL_1268549, EPI_ISL_1268578, EPI_ISL_1268585, EPI_ISL_1268603, EPI_ISL_1268640, EPI_ISL_1268642, EPI_ISL_1268666, EPI_ISL_1268670, EPI_ISL_1268674, EPI_ISL_1268684, EPI_ISL_1268686, EPI_ISL_1268687, EPI_ISL_1268690, EPI_ISL_1268695, EPI_ISL_1268699, EPI_ISL_1268719, EPI_ISL_1268724, EPI_ISL_1268727, EPI_ISL_1268733, EPI_ISL_1268734, EPI_ISL_1268735, EPI_ISL_1268736, EPI_ISL_1268737, EPI_ISL_1268738, EPI_ISL_1268739, EPI_ISL_1268740, EPI_ISL_1268741, EPI_ISL_1268742, EPI_ISL_1268743, EPI_ISL_1268744, EPI_ISL_1268745, EPI_ISL_1268746, EPI_ISL_1268747, EPI_ISL_1268748, EPI_ISL_1268749, EPI_ISL_1268750, EPI_ISL_1268751, EPI_ISL_1268752, EPI_ISL_1268753, EPI_ISL_1268754, EPI_ISL_1268755, EPI_ISL_1268756, EPI_ISL_1268757, EPI_ISL_1268758, EPI_ISL_1268759, EPI_ISL_1268760, EPI_ISL_1268761, EPI_ISL_1268762, EPI_ISL_1268763, EPI_ISL_1268764, EPI_ISL_1268765, EPI_ISL_1268766, EPI_ISL_1268767, EPI_ISL_1268768, EPI_ISL_1268769, EPI_ISL_1268770, EPI_ISL_1268771, EPI_ISL_1268772, EPI_ISL_1268773, EPI_ISL_1268774, EPI_ISL_1268775, EPI_ISL_1268776, EPI_ISL_1268777, EPI_ISL_1268778, EPI_ISL_1268779, EPI_ISL_1268780, EPI_ISL_1268781, EPI_ISL_1268782, EPI_ISL_1268783, EPI_ISL_1268784, EPI_ISL_1268785, EPI_ISL_1268786, EPI_ISL_1268787, EPI_ISL_1268788, EPI_ISL_1268789, EPI_ISL_1268790, EPI_ISL_1268791, EPI_ISL_1268792, EPI_ISL_1268793, EPI_ISL_1268794, EPI_ISL_1268795, EPI_ISL_1268796, EPI_ISL_1268797, EPI_ISL_1268798, EPI_ISL_1268799, EPI_ISL_1268800, EPI_ISL_1268801, EPI_ISL_1268802, EPI_ISL_1268803, EPI_ISL_1268804, EPI_ISL_1268805, EPI_ISL_1268806, EPI_ISL_1268807, EPI_ISL_1268808, EPI_ISL_1268809, EPI_ISL_1268810, EPI_ISL_1268811, EPI_ISL_1268812, EPI_ISL_1268813, EPI_ISL_1268814, EPI_ISL_1268815, EPI_ISL_1268816, EPI_ISL_1268817, EPI_ISL_1268818, EPI_ISL_1268819, EPI_ISL_1268820, EPI_ISL_1268821, EPI_ISL_1268822, EPI_ISL_1268823, EPI_ISL_1268824, EPI_ISL_1268825, EPI_ISL_1268826, EPI_ISL_1268827, EPI_ISL_1268828, EPI_ISL_1268829, EPI_ISL_1268830, EPI_ISL_1268831, EPI_ISL_1268832, EPI_ISL_1268833, EPI_ISL_1268834, EPI_ISL_1268835, EPI_ISL_1268836, EPI_ISL_1268837, EPI_ISL_1268838, EPI_ISL_1268839, EPI_ISL_1268840, EPI_ISL_1268841, EPI_ISL_1268842, EPI_ISL_1268843, EPI_ISL_1268844, EPI_ISL_1268845, EPI_ISL_1268846, EPI_ISL_1268847, EPI_ISL_1268848, EPI_ISL_1268849, EPI_ISL_1268850, EPI_ISL_1268851, EPI_ISL_1268852, EPI_ISL_1268853, EPI_ISL_1268854, EPI_ISL_1268855, EPI_ISL_1268856, EPI_ISL_1268857, EPI_ISL_1268858, EPI_ISL_1268859, EPI_ISL_1268860, EPI_ISL_1268861, EPI_ISL_1268862, EPI_ISL_1268863, EPI_ISL_1268864, EPI_ISL_1268865, EPI_ISL_1268866, EPI_ISL_1268867, EPI_ISL_1268868, EPI_ISL_1268869, EPI_ISL_1268870, EPI_ISL_1268871, EPI_ISL_1268872, EPI_ISL_1268873, EPI_ISL_1268874, EPI_ISL_1268875, EPI_ISL_1268876, EPI_ISL_1268877, EPI_ISL_1268878, EPI_ISL_1268879, EPI_ISL_1268880, EPI_ISL_1268881, EPI_ISL_1268882, EPI_ISL_1268883, EPI_ISL_1268884, EPI_ISL_1268885, EPI_ISL_1268886, EPI_ISL_1268887, EPI_ISL_1268888, EPI_ISL_1268889, EPI_ISL_1268890, EPI_ISL_1268891, EPI_ISL_1268892, EPI_ISL_1268893, EPI_ISL_1268894, EPI_ISL_1268895, EPI_ISL_1268896, EPI_ISL_1268897, EPI_ISL_1268898, EPI_ISL_1268899, EPI_ISL_1268900, EPI_ISL_1268901, EPI_ISL_1268902, EPI_ISL_1268903, EPI_ISL_1268904, EPI_ISL_1268905, EPI_ISL_1268906, EPI_ISL_1268907, EPI_ISL_1268908, EPI_ISL_1268909, EPI_ISL_1268910, EPI_ISL_1268911, EPI_ISL_1268912, EPI_ISL_1268913, EPI_ISL_1268914, EPI_ISL_1268915, EPI_ISL_1268916, EPI_ISL_1268917, EPI_ISL_1268918, EPI_ISL_1268919, EPI_ISL_1268920, EPI_ISL_1268921, EPI_ISL_1268922, EPI_ISL_1268923, EPI_ISL_1268924, EPI_ISL_1268925, EPI_ISL_1268926, EPI_ISL_1268927, EPI_ISL_1268928, EPI_ISL_1268929, EPI_ISL_1268930, EPI_ISL_1268931, EPI_ISL_1268932, EPI_ISL_1268933, EPI_ISL_1268934, EPI_ISL_1268935, EPI_ISL_1268936, EPI_ISL_1268937, EPI_ISL_1268938, EPI_ISL_1268939, EPI_ISL_1268940, EPI_ISL_1268941, EPI_ISL_1268942, EPI_ISL_1268943, EPI_ISL_1268944, EPI_ISL_1268945, EPI_ISL_1268946, EPI_ISL_1268947, EPI_ISL_1268948, EPI_ISL_1268949, EPI_ISL_1268950, EPI_ISL_1268951, EPI_ISL_1268952, EPI_ISL_1268953, EPI_ISL_1268954, EPI_ISL_1268955, EPI_ISL_1268956, EPI_ISL_1268957, EPI_ISL_1268958, EPI_ISL_1268959, EPI_ISL_1268960, EPI_ISL_1268961, EPI_ISL_1268962, EPI_ISL_1268963, EPI_ISL_1268964, EPI_ISL_1268965, EPI_ISL_1268966, EPI_ISL_1268967, EPI_ISL_1268968, EPI_ISL_1268969, EPI_ISL_1268970, EPI_ISL_1268971, EPI_ISL_1268972, EPI_ISL_1268973, EPI_ISL_1268974, EPI_ISL_1268975, EPI_ISL_1268976, EPI_ISL_1268977, EPI_ISL_1268978, EPI_ISL_1268979, EPI_ISL_1268980, EPI_ISL_1268981, EPI_ISL_1268982, EPI_ISL_1268983, EPI_ISL_1268984, EPI_ISL_1268985, EPI_ISL_1268986, EPI_ISL_1268987, EPI_ISL_1268988, EPI_ISL_1268989, EPI_ISL_1268990, EPI_ISL_1268991, EPI_ISL_1268992, EPI_ISL_1268993, EPI_ISL_1268994, EPI_ISL_1268995, EPI_ISL_1268996, EPI_ISL_1268997, EPI_ISL_1268998, EPI_ISL_1268999, EPI_ISL_1269000, EPI_ISL_1269001, EPI_ISL_1269002, EPI_ISL_1269003, EPI_ISL_1269004, EPI_ISL_1269005, EPI_ISL_1269006, EPI_ISL_1269007, EPI_ISL_1269008, EPI_ISL_1269009, EPI_ISL_1269010, EPI_ISL_1269011, EPI_ISL_1269012, EPI_ISL_1269013, EPI_ISL_1269014, EPI_ISL_1269015, EPI_ISL_1269016, EPI_ISL_1269017, EPI_ISL_1269018, EPI_ISL_1269019, EPI_ISL_1269020, EPI_ISL_1269021, EPI_ISL_1269022, EPI_ISL_1269023, EPI_ISL_1269024, EPI_ISL_1269025, EPI_ISL_1269026, EPI_ISL_1269027, EPI_ISL_1269028, EPI_ISL_1269029, EPI_ISL_1269030, EPI_ISL_1269031, EPI_ISL_1269032, EPI_ISL_1269033, EPI_ISL_1269034, EPI_ISL_1269035, EPI_ISL_1269036, EPI_ISL_1269037, EPI_ISL_1269038, EPI_ISL_1269039, EPI_ISL_1269040, EPI_ISL_1269041, EPI_ISL_1269042, EPI_ISL_1269043, EPI_ISL_1269044, EPI_ISL_1269045, EPI_ISL_1269046, EPI_ISL_1269047, EPI_ISL_1269048, EPI_ISL_1269049, EPI_ISL_1269050, EPI_ISL_1269051, EPI_ISL_1269052, EPI_ISL_1269053, EPI_ISL_1269054, EPI_ISL_1269055, EPI_ISL_1269056, EPI_ISL_1269057, EPI_ISL_1269058, EPI_ISL_1269059, EPI_ISL_1269060, EPI_ISL_1269061, EPI_ISL_1269062, EPI_ISL_1269063, EPI_ISL_1269064, EPI_ISL_1269065, EPI_ISL_1269066, EPI_ISL_1269067, EPI_ISL_1269068, EPI_ISL_1269069, EPI_ISL_1269070, EPI_ISL_1269071, EPI_ISL_1269072, EPI_ISL_1269073, EPI_ISL_1269074, EPI_ISL_1269075, EPI_ISL_1269076, EPI_ISL_1269077, EPI_ISL_1269078, EPI_ISL_1269079, EPI_ISL_1269080, EPI_ISL_1269081, EPI_ISL_1269082, EPI_ISL_1269083, EPI_ISL_1269084, EPI_ISL_1269085, EPI_ISL_1269086, EPI_ISL_1269087, EPI_ISL_1269088, EPI_ISL_1269089, EPI_ISL_1269090, EPI_ISL_1269091, EPI_ISL_1269092, EPI_ISL_1269093, EPI_ISL_1269094, EPI_ISL_1269095, EPI_ISL_1269096, EPI_ISL_1269097, EPI_ISL_1269098, EPI_ISL_1269099, EPI_ISL_1269100, EPI_ISL_1269101, EPI_ISL_1269102, EPI_ISL_1269103, EPI_ISL_1269104, EPI_ISL_1269105, EPI_ISL_1269106, EPI_ISL_1269107, EPI_ISL_1269108, EPI_ISL_1269109, EPI_ISL_1269110, EPI_ISL_1269111, EPI_ISL_1269112, EPI_ISL_1269113, EPI_ISL_1269114, EPI_ISL_1269115, EPI_ISL_1269116, EPI_ISL_1269117, EPI_ISL_1269118, EPI_ISL_1269119, EPI_ISL_1269120, EPI_ISL_1269121, EPI_ISL_1269122, EPI_ISL_1269123, EPI_ISL_1269124, EPI_ISL_1269125, EPI_ISL_1269126, EPI_ISL_1269127, EPI_ISL_1269128, EPI_ISL_1269129, EPI_ISL_1269130, EPI_ISL_1269131, EPI_ISL_1269132, EPI_ISL_1269133, EPI_ISL_1269134, EPI_ISL_1269135, EPI_ISL_1269136, EPI_ISL_1269137, EPI_ISL_1269138, EPI_ISL_1269139, EPI_ISL_1269140, EPI_ISL_1269141, EPI_ISL_1269142, EPI_ISL_1269143, EPI_ISL_1269144, EPI_ISL_1269145, EPI_ISL_1269146, EPI_ISL_1269147, EPI_ISL_1269148, EPI_ISL_1269149, EPI_ISL_1269150, EPI_ISL_1269151, EPI_ISL_1269152, EPI_ISL_1269153, EPI_ISL_1269154, EPI_ISL_1269155, EPI_ISL_1269156, EPI_ISL_1269157, EPI_ISL_1269158, EPI_ISL_1269159, EPI_ISL_1269160, EPI_ISL_1269161, EPI_ISL_1269162, EPI_ISL_1269163, EPI_ISL_1269164, EPI_ISL_1269165, EPI_ISL_1269166, EPI_ISL_1269167, EPI_ISL_1269168, EPI_ISL_1269169, EPI_ISL_1269170, EPI_ISL_1269171, EPI_ISL_1269172, EPI_ISL_1269173, EPI_ISL_1269174, EPI_ISL_1269175, EPI_ISL_1269176, EPI_ISL_1269177, EPI_ISL_1269178, EPI_ISL_1269179, EPI_ISL_1269180, EPI_ISL_1269181, EPI_ISL_1269182, EPI_ISL_1269183, EPI_ISL_1269184, EPI_ISL_1269185, EPI_ISL_1269186, EPI_ISL_1269187, EPI_ISL_1269188, EPI_ISL_1269189, EPI_ISL_1269190, EPI_ISL_1269191, EPI_ISL_1269192, EPI_ISL_1269193, EPI_ISL_1269194, EPI_ISL_1269195, EPI_ISL_1269196, EPI_ISL_1269197, EPI_ISL_1269198, EPI_ISL_1269199, EPI_ISL_1269200, EPI_ISL_1269201, EPI_ISL_1269202, EPI_ISL_1269203, EPI_ISL_1269204, E			

EPI_ISL_1270787, EPI_ISL_1270788, EPI_ISL_1270789, EPI_ISL_1270793, EPI_ISL_1270795	Nevada State Public Health Laboratory	Nevada State Public Health Laboratory	Andrew Gorzalski, Mark Pandori
EPI_ISL_1272602	NM Dept. Health, Scientific Laboratory Division	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1272614	MS Public Health Laboratory	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1272638, EPI_ISL_1272641, EPI_ISL_1272646, EPI_ISL_1272648	HI Dept. of Health, State Laboratories Division	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1272686	AK State Public Health Lab, State Health Department	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1272699, EPI_ISL_1272704	IL Dept. of Public Health Springfield Laboratory	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1272716	FL Bureau of Public Health Laboratories-Tampa	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1272733, EPI_ISL_1272737, EPI_ISL_1272738, EPI_ISL_1272746, EPI_ISL_1272747, EPI_ISL_1272748, EPI_ISL_1272750, EPI_ISL_1272755	WA State Department of Health	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1272767	SC Dept of Health and Env. Control-Bureau of Laboratories	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1272798, EPI_ISL_1272799, EPI_ISL_1272801, EPI_ISL_1272804, EPI_ISL_1272805, EPI_ISL_1272806, EPI_ISL_1272807	NV State Public Health Laboratory	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1272816	FL Bur. of Public Health Laboratories-Jacksonville	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1272824, EPI_ISL_1272832	UT-Unified State Labs: Public Health Utah DOH	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1272873, EPI_ISL_1272874, EPI_ISL_1272875, EPI_ISL_1272876, EPI_ISL_1272877, EPI_ISL_1272878, EPI_ISL_1272880, EPI_ISL_1272882, EPI_ISL_1272883, EPI_ISL_1272884, EPI_ISL_1272885, EPI_ISL_1272887, EPI_ISL_1272891, EPI_ISL_1272893, EPI_ISL_1272894, EPI_ISL_1272895	CA-Los Angeles County Public Health Laboratory	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1272916, EPI_ISL_1272917	PR Public Health Lab	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1272923, EPI_ISL_1272927	NYSDOH Wadsworth Center, Virology Lab	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1272930, EPI_ISL_1272937	IA State Hygienic Laboratory	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1272950, EPI_ISL_1272961, EPI_ISL_1272966	WY Public Health Laboratory	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1272972, EPI_ISL_1272973, EPI_ISL_1272975, EPI_ISL_1272976, EPI_ISL_1272979, EPI_ISL_1272980, EPI_ISL_1272981, EPI_ISL_1272985, EPI_ISL_1272986, EPI_ISL_1272987	NV-Southern Nevada Public Health Laboratory	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1272990, EPI_ISL_1272992	MT Public Health Laboratory	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1273053, EPI_ISL_1273056, EPI_ISL_1273059, EPI_ISL_1273061, EPI_ISL_1273062, EPI_ISL_1273067, EPI_ISL_1273068	Guam Public Health Laboratory	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Kristen Knipe, Matthew Schmerer, Shoshona Le, Katie Dillon, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Kristine Lacek, Sam Shepard, Dhvani Batra, Suxiang Tong, Justin Lee
EPI_ISL_1273313, EPI_ISL_1273334, EPI_ISL_1273353, EPI_ISL_1273358, EPI_ISL_1273367, EPI_ISL_1273368	The Jackson Laboratory	The Jackson Laboratory	Bergeron D, Renzette N, Adams M, Omerza G, Kelly K, Li L
EPI_ISL_1279304, EPI_ISL_1279322, EPI_ISL_1279330, EPI_ISL_1279335, EPI_ISL_1279351, EPI_ISL_1279352, EPI_ISL_1279358	Unidad de Investigación Biomédica de Zcatecas (UIBZ)	Instituto Nacional de Enfermedades Respiratorias (INER): Centro de Investigación en Enfermedades Infecciosas (CIENI)	Consorcio Mexicano de Vigilancia Genómica (CoViGen-Mex). Authors (in alphabetical order): Julio Elias Alvarado-Yaah, Carlos F. Arias, Santiago Ávila-Ríos, Víctor Hugo Borja-Aburto, Celia Boukadida, Juan Bautista Chale-Dzul , José Antonio Enciso-Moreno, Gloria Elena Espinoza-Ayala, Fernando Fiotove-Herrera, Concepción Grajales-Muñiz, Ricardo Grande, Alfredo Herrera-Estrella, Carla Ivón Herrera-Najera, Pavel Isa, Brenda Irasema Maldonado-Meza, Bernardo Martínez-Miguel, Margarita Matías-Florentino, María Guadalupe de Jesús Mireles-Rivera, Gloria María Molina-Salinas, Hector Montoya-Fuentes, José Esteban Muñoz-Medina, José de Jesús Nuñez-Contreras, Alicia Ocaña-Mondragón, Luis Alberto Ochoa-Carrera, Hector Esteban Paz-Juárez, Francisco Pulido, Helen Haydee Fernanda Ramirez-Plascencia, Angel Gustavo Salas-Lais, Jorge Ivan Salinal-Navarez, Alejandro Sanchez-Flores, Clara Esperanza Santacruz-Tinoco, María Guadalupe Santiago-Mauricio , Nelly Sélem-Mojica, Blanca Taboada , Gloria Vazquez

EPI_ISL_1279393	Laboratorio Central de Epidemiología (LCE)	Instituto Nacional de Enfermedades Respiratorias (INER): Centro de Investigación en Enfermedades Infecciosas (CIENI)	Consorcio Mexicano de Vigilancia Genómica (CoViGen-Mex). Authors (in alphabetical order): Julio Elias Alvarado-Yaah, Carlos F. Arias, Santiago Ávila-Ríos, Víctor Hugo Borja-Aburto, Celia Boukadida, Juan Bautista Chale-Dzul , José Antonio Enciso-Moreno, Gloria Elena Espinoza-Ayala, Fernando Fontove-Herrera, Concepción Grajales-Muñiz, Ricardo Grande, Alfredo Herrera-Estrella, Carla Ivón Herrera-Najera, Pavel Isa, Brenda Irasema Maldonado-Meza, Bernardo Martínez-Miguel, Margarita Matías-Florentino, María Guadalupe de Jesús Mireles-Rivera, Gloria María Molina-Salinas, Hector Montoya-Fuentes, José Esteban Muñoz-Medina, José de Jesús Nuñez-Contreras, Alicia Ocaña-Mondragón, Luis Alberto Ochoa-Carrera, Hector Esteban Paz-Juárez, Francisco Pulido, Helen Haydee Fernanda Ramirez-Plascencia, Angel Gustavo Salas-Lais, Jorge Ivan Salinal-Navarez, Alejandro Sanchez-Flores, Clara Esperanza Santacruz-Tinoco, Maria Guadalupe Santiago-Mauricio , Nelly Sélem-Mojica, Blanca Taboada , Gloria Vazquez
EPI_ISL_1279475, EPI_ISL_1279528	Centro de Investigación Biomédica del Noreste (CIBIN)	Instituto Nacional de Enfermedades Respiratorias (INER): Centro de Investigación en Enfermedades Infecciosas (CIENI)	Consorcio Mexicano de Vigilancia Genómica (CoViGen-Mex). Authors (in alphabetical order): Julio Elias Alvarado-Yaah, Carlos F. Arias, Santiago Ávila-Ríos, Víctor Hugo Borja-Aburto, Celia Boukadida, Juan Bautista Chale-Dzul , José Antonio Enciso-Moreno, Gloria Elena Espinoza-Ayala, Fernando Fontove-Herrera, Concepción Grajales-Muñiz, Ricardo Grande, Alfredo Herrera-Estrella, Carla Ivón Herrera-Najera, Pavel Isa, Brenda Irasema Maldonado-Meza, Bernardo Martínez-Miguel, Margarita Matías-Florentino, María Guadalupe de Jesús Mireles-Rivera, Gloria María Molina-Salinas, Hector Montoya-Fuentes, José Esteban Muñoz-Medina, José de Jesús Nuñez-Contreras, Alicia Ocaña-Mondragón, Luis Alberto Ochoa-Carrera, Hector Esteban Paz-Juárez, Francisco Pulido, Helen Haydee Fernanda Ramirez-Plascencia, Angel Gustavo Salas-Lais, Jorge Ivan Salinal-Navarez, Alejandro Sanchez-Flores, Clara Esperanza Santacruz-Tinoco, Maria Guadalupe Santiago-Mauricio , Nelly Sélem-Mojica, Blanca Taboada , Gloria Vazquez
EPI_ISL_1279895	Nebraska Public Health Laboratory	NPHL COVID-19 Response Team	NPHL COVID-19 Response Team
EPI_ISL_1283141, EPI_ISL_1283165	MVZ Labor Dr. Limbach & Kollegen GbR	Robert Koch Institute	unknown
EPI_ISL_1283377, EPI_ISL_1283409, EPI_ISL_1283427, EPI_ISL_1283448, EPI_ISL_1283456, EPI_ISL_1283547, EPI_ISL_1283602, EPI_ISL_1283629, EPI_ISL_1283660, EPI_ISL_1283677, EPI_ISL_1283699, EPI_ISL_1283714, EPI_ISL_1283740, EPI_ISL_1283742, EPI_ISL_1283752, EPI_ISL_1283776, EPI_ISL_1283821, EPI_ISL_1283838, EPI_ISL_1283843, EPI_ISL_1283851, EPI_ISL_1283853, EPI_ISL_1283862, EPI_ISL_1283877, EPI_ISL_1283884, EPI_ISL_1283891, EPI_ISL_1283906, EPI_ISL_1283930, EPI_ISL_1283952, EPI_ISL_1283956, EPI_ISL_1283962, EPI_ISL_1283981, EPI_ISL_1283985, EPI_ISL_1283990, EPI_ISL_1284006, EPI_ISL_1284019, EPI_ISL_1284032, EPI_ISL_1284051, EPI_ISL_1284056, EPI_ISL_1284120, EPI_ISL_1284134, EPI_ISL_1284231, EPI_ISL_1284264, EPI_ISL_1284285, EPI_ISL_12844295, EPI_ISL_1284309, EPI_ISL_1284400, EPI_ISL_1284410			
see above	Helix/Illumina	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, Eileen de Feo, Jan Antico, Christine Tran, Matthew Tolentino, Shannon Wickline, Kim Gietzen, Brad Sickler, Jingtao Liu, Eric Allen, Phil Febbo, Summer Galloway, Nicole L. Washington, Simon White, Geraint Levan, Kelly Schiabor Barrett, Elizabeth Ciriulli, Alexandre Bolze, Ary Ascencio, Charlotte Rivera-Garcia, Ryan Cho, Jason Nguyen, Sherry Wang, Jimmy Ramirez, Tyler Cassens, Efrén Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1288155, EPI_ISL_1288161, EPI_ISL_1288181, EPI_ISL_1288371, EPI_ISL_1288374, EPI_ISL_1288427, EPI_ISL_1288437	Laboratorio Central de Epidemiología (LCE)	Instituto de Biotecnología de la UNAM	Consorcio Mexicano de Vigilancia Genómica (CoViGen-Mex). Authors (in alphabetical order): Julio Elias Alvarado-Yaah, Carlos F. Arias, Santiago Ávila-Ríos, Víctor Hugo Borja-Aburto, Celia Boukadida, Juan Bautista Chale-Dzul , José Antonio Enciso-Moreno, Gloria Elena Espinoza-Ayala, Fernando Fontove-Herrera, Concepción Grajales-Muñiz, Ricardo Grande, Alfredo Herrera-Estrella, Carla Ivón Herrera-Najera, Pavel Isa, Brenda Irasema Maldonado-Meza, Bernardo Martínez-Miguel, Margarita Matías-Florentino, María Guadalupe de Jesús Mireles-Rivera, Gloria María Molina-Salinas, Hector Montoya-Fuentes, José Esteban Muñoz-Medina, José de Jesús Nuñez-Contreras, Alicia Ocaña-Mondragón, Luis Alberto Ochoa-Carrera, Hector Esteban Paz-Juárez, Francisco Pulido, Helen Haydee Fernanda Ramirez-Plascencia, Angel Gustavo Salas-Lais, Jorge Ivan Salinal-Navarez, Alejandro Sanchez-Flores, Clara Esperanza Santacruz-Tinoco, Maria Guadalupe Santiago-Mauricio , Nelly Sélem-Mojica, Blanca Taboada , Gloria Vazquez
EPI_ISL_1289227	Dutch COVID-19 response team	National Institute for Public Health and the Environment (RIVM)	Adam Meijer, Harry Vennema, Dirk Eggink, Jeroen Cremer, Sharon van den Brink, Bas van der Veer, AnneMarie van den Brandt, Florian Zwagemaker, Dennis Schmitz, Chantal Reusken, on behalf of the national COVID-19 response team
EPI_ISL_1289448, EPI_ISL_1289514, EPI_ISL_1289578, EPI_ISL_1289599, EPI_ISL_1289640, EPI_ISL_1289717	Michigan Department of Health and Human Services, Bureau of Laboratories	Michigan Department of Health and Human Services, Bureau of Laboratories	Blankenship HM, Riner D, Soehnlén MK
EPI_ISL_1290809, EPI_ISL_1290812, EPI_ISL_1290813, EPI_ISL_1290814, EPI_ISL_1290818, EPI_ISL_1290820, EPI_ISL_1290821, EPI_ISL_1290822, EPI_ISL_1290823, EPI_ISL_1290824, EPI_ISL_1290826, EPI_ISL_1290827, EPI_ISL_1290828, EPI_ISL_1290831, EPI_ISL_1290834			
see above	Oregon State University TRACE Project	OSU Center for Genome Research and Biocomputing	Oregon State University TRACE Project
EPI_ISL_1290982, EPI_ISL_1290984, EPI_ISL_1290987, EPI_ISL_1290988, EPI_ISL_1290989, EPI_ISL_1290997, EPI_ISL_1291004, EPI_ISL_1291005, EPI_ISL_1291007, EPI_ISL_1291018, EPI_ISL_1291028, EPI_ISL_1291031, EPI_ISL_1291032, EPI_ISL_1291036, EPI_ISL_1291040, EPI_ISL_1291042, EPI_ISL_1291046, EPI_ISL_1291047, EPI_ISL_1291049, EPI_ISL_1291060, EPI_ISL_1291066, EPI_ISL_1291069, EPI_ISL_1291074, EPI_ISL_1291078, EPI_ISL_1291079, EPI_ISL_1291082, EPI_ISL_1291085, EPI_ISL_1291087, EPI_ISL_1291092, EPI_ISL_1291094, EPI_ISL_1291096, EPI_ISL_1291099, EPI_ISL_1291100, EPI_ISL_1291105, EPI_ISL_1291106, EPI_ISL_1291110, EPI_ISL_1291112, EPI_ISL_1291114, EPI_ISL_1291121, EPI_ISL_1291123, EPI_ISL_1291125, EPI_ISL_1291126, EPI_ISL_1291128, EPI_ISL_1291130, EPI_ISL_1291134, EPI_ISL_1291136, EPI_ISL_1291137, EPI_ISL_1291138, EPI_ISL_1291142, EPI_ISL_1291143, EPI_ISL_1291144, EPI_ISL_1291146, EPI_ISL_1291149, EPI_ISL_1291150, EPI_ISL_1291151, EPI_ISL_1291154, EPI_ISL_1291155, EPI_ISL_1291156, EPI_ISL_1291159, EPI_ISL_1291162, EPI_ISL_1291163, EPI_ISL_1291168, EPI_ISL_1291169, EPI_ISL_1291170, EPI_ISL_1291171, EPI_ISL_1291172, EPI_ISL_1291175, EPI_ISL_1291179			
see above	Quest Diagnostics Incorporated	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1291347	TXDSHS	TXDSHS	Rashmi Tuladhar, Bonnie Oh, Jenny Zhang, Maliha Rahman, Mayela Pedrueza, Anita Pokharel, Myoung Koag, Chun Wang, Rachel Lee, Grace Kubin
EPI_ISL_1291608, EPI_ISL_1291615, EPI_ISL_1291628, EPI_ISL_1291630, EPI_ISL_1291635, EPI_ISL_1291642, EPI_ISL_1291644, EPI_ISL_1291645, EPI_ISL_1291649	Univeristy of New Mexico Hospital	Center for Global Health, University of New Mexico Health Sciences Center	Daryl Domingan, Peter Schwalm, Justin Bacca, Jon Fleming, Darrell Niddie
EPI_ISL_1291664, EPI_ISL_1291667, EPI_ISL_1291669, EPI_ISL_1291679, EPI_ISL_1291680, EPI_ISL_1291682, EPI_ISL_1291688, EPI_ISL_1291689, EPI_ISL_1291690, EPI_ISL_1291692, EPI_ISL_1291694, EPI_ISL_1291700, EPI_ISL_1291704, EPI_ISL_1291705, EPI_ISL_1291706, EPI_ISL_1291707, EPI_ISL_1291712, EPI_ISL_1291735			
see above	Arizona State University	Arizona State University	Peter T. Skidmore, LaRinda A. Holland, Rabia Maqsood, Emily A. Kaelin, Nicholas J. Mellor, Kristina Buss, Joy M. Blain, Neal W Woodbury, Valerie Harris, Joshua LaBaer, Vel Murugan, Efrén S. Lim
EPI_ISL_1291743	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Department
EPI_ISL_1291752	Montana Public Health Laboratory	Montana Public Health Laboratory	Joy Ritter, Michelle Mozer, Carrie Biskupiak, Deborah Gibson
EPI_ISL_1292098, EPI_ISL_1292123, EPI_ISL_1292130, EPI_ISL_1292149, EPI_ISL_1292156, EPI_ISL_1292159, EPI_ISL_1292173, EPI_ISL_1292212, EPI_ISL_1292222, EPI_ISL_1292242, EPI_ISL_1292259, EPI_ISL_1292272, EPI_ISL_1292278, EPI_ISL_1292281, EPI_ISL_1292289, EPI_ISL_1292295			
see above	TGen North	Sonora Quest Laboratories	*Jolene Bowers, Heather Centner, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)*
EPI_ISL_1292298	TGen North	TGen North	*Jolene Bowers, Heather Centner, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)*
EPI_ISL_1292313, EPI_ISL_1292319, EPI_ISL_1292323, EPI_ISL_1292324, EPI_ISL_1292328, EPI_ISL_1292350, EPI_ISL_1292357, EPI_ISL_1292359	TGen North	Sonora Quest Laboratories	*Jolene Bowers, Heather Centner, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)*
EPI_ISL_1292370	TGen North	TGen North	*Jolene Bowers, Heather Centner, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)*
EPI_ISL_1292375	TGen North	Sonora Quest Laboratories	*Jolene Bowers, Heather Centner, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)*
EPI_ISL_1292435, EPI_ISL_1292438, EPI_ISL_1292441, EPI_ISL_1292456, EPI_ISL_1292457, EPI_ISL_1292459, EPI_ISL_1292460, EPI_ISL_1292461, EPI_ISL_1292467, EPI_ISL_1292473, EPI_ISL_1292476, EPI_ISL_1292483, EPI_ISL_1292485, EPI_ISL_1292500, EPI_ISL_1292507, EPI_ISL_1292511, EPI_ISL_1292514, EPI_ISL_1292515, EPI_ISL_1292518, EPI_ISL_1292519, EPI_ISL_1292522, EPI_ISL_1292525, EPI_ISL_1292526, EPI_ISL_1292527, EPI_ISL_1292531, EPI_ISL_1292532, EPI_ISL_1292536, EPI_ISL_1292539, EPI_ISL_1292541, EPI_ISL_1292544, EPI_ISL_1292545, EPI_ISL_1292554, EPI_ISL_1292556, EPI_ISL_1292557, EPI_ISL_1292559, EPI_ISL_1292560, EPI_ISL_1292569, EPI_ISL_1292579, EPI_ISL_1292580, EPI_ISL_1292581, EPI_ISL_1292583, EPI_ISL_1292584, EPI_ISL_1292587, EPI_ISL_1292592, EPI_ISL_1292594, EPI_ISL_1292604, EPI_ISL_1292611, EPI_ISL_1292613, EPI_ISL_1292615, EPI_ISL_1292617, EPI_ISL_1292619, EPI_ISL_1292620, EPI_ISL_1292621, EPI_ISL_1292622, EPI_ISL_1292623, EPI_ISL_1292625, EPI_ISL_1292629, EPI_ISL_1292630, EPI_ISL_1292631, EPI_ISL_1292632, EPI_ISL_1292633, EPI_ISL_1292634, EPI_ISL_1292639, EPI_ISL_1292641, EPI_ISL_1292642, EPI_ISL_1292643, EPI_ISL_1292644, EPI_ISL_1292645, EPI_ISL_1292646, EPI_ISL_1292648, EPI_ISL_1292650, EPI_ISL_1292652, EPI_ISL_1292653, EPI_ISL_1292654, EPI_ISL_1292656, EPI_ISL_1292657, EPI_ISL_1292658, EPI_ISL_1292659, EPI_ISL_1292662, EPI_ISL_1292663, EPI_ISL_1292664, EPI_ISL_1292665, EPI_ISL_1292666, EPI_ISL_1292667, EPI_ISL_1292669, EPI_ISL_1292677, EPI_ISL_1292678, EPI_ISL_1292679, EPI_ISL_1292680, EPI_ISL_1292681, EPI_ISL_1292686, EPI_ISL_1292687, EPI_ISL_1292689, EPI_ISL_1292690, EPI_ISL_1292692, EPI_ISL_1292694, EPI_ISL_1292695, EPI_ISL_1292696, EPI_ISL_1292697,			

EPI_ISL_1292698, EPI_ISL_1292699, EPI_ISL_1292700, EPI_ISL_1292702, EPI_ISL_1292703, EPI_ISL_1292707, EPI_ISL_1292708, EPI_ISL_1292715, EPI_ISL_1292717, EPI_ISL_1292720, EPI_ISL_1292721, EPI_ISL_1292723, EPI_ISL_1292724, EPI_ISL_1292725, EPI_ISL_1292726, EPI_ISL_1292732, EPI_ISL_1292733, EPI_ISL_1292737, EPI_ISL_1292738, EPI_ISL_1292745, EPI_ISL_1292746, EPI_ISL_1292747, EPI_ISL_1292748, EPI_ISL_1292749, EPI_ISL_1292750, EPI_ISL_1292751, EPI_ISL_1292752, EPI_ISL_1292756, EPI_ISL_1292757, EPI_ISL_1292758, EPI_ISL_1292759, EPI_ISL_1292765, EPI_ISL_1292766, EPI_ISL_1292767, EPI_ISL_1292769, EPI_ISL_1292771, EPI_ISL_1292773, EPI_ISL_1292776, EPI_ISL_1292778, EPI_ISL_1292779, EPI_ISL_1292780, EPI_ISL_1292783, EPI_ISL_1292787, EPI_ISL_1292788, EPI_ISL_1292789, EPI_ISL_1292792, EPI_ISL_1292793, EPI_ISL_1292794, EPI_ISL_1292795, EPI_ISL_1292798, EPI_ISL_1292799, EPI_ISL_1292801, EPI_ISL_1292802, EPI_ISL_1292803, EPI_ISL_1292805, EPI_ISL_1292806			
see above	State Laboratories Division, Hawaii State Department of Health	State Laboratories Division, Hawaii State Department of Health	Pamela O'Brien, Drew Kuwazaki, Ayana Garnet, Razvan Sultana, Edward Desmond
EPI_ISL_1292869	Maryland Genomics, Institute for Genome Sciences, University of Maryland School of Medicine	Maryland Genomics, Institute for Genome Sciences, University of Maryland School of Medicine	Tallon, Luke J; Sadzewicz, Lisa D; Humphrys, Mike; Ott, Sandra; Roussey, Holly; Mehta, Aditya; Vavikolanu, Kranthi; Fraser, Claire M; Ravel, Jacques
EPI_ISL_1293129, EPI_ISL_1293131	Murphy Medical Association	Grubaugh Lab - Yale School of Public Health	Joseph Fauver, Mallery Breban, Isabell Ott, Tara Alpert, Mary Petrone, Anderson Brito, Chantal Vogels, Annie Watkins, Chaney Kalinich, Jessica Rothman, Caleb Neal, Eva Laszlo, Steven Murphy, Nathan Grubaugh
EPI_ISL_1295194, EPI_ISL_1295234, EPI_ISL_1295236, EPI_ISL_1295333, EPI_ISL_1295339, EPI_ISL_1295361, EPI_ISL_1295380, EPI_ISL_1295392, EPI_ISL_1295400, EPI_ISL_1295402, EPI_ISL_1295403, EPI_ISL_1295404, EPI_ISL_1295440, EPI_ISL_1295477, EPI_ISL_1295505, EPI_ISL_1295546, EPI_ISL_1295548, EPI_ISL_1295562			
see above	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Kelsey R. Florek, Abigail C. Shockey
EPI_ISL_1295646, EPI_ISL_1295647, EPI_ISL_1295649, EPI_ISL_1295651, EPI_ISL_1295653, EPI_ISL_1295659, EPI_ISL_1295662, EPI_ISL_1295665, EPI_ISL_1295666, EPI_ISL_1295669, EPI_ISL_1295672, EPI_ISL_1295673, EPI_ISL_1295675, EPI_ISL_1295678, EPI_ISL_1295681, EPI_ISL_1295682, EPI_ISL_1295688, EPI_ISL_1295693, EPI_ISL_1295695, EPI_ISL_1295697, EPI_ISL_1295699, EPI_ISL_1295701, EPI_ISL_1295702, EPI_ISL_1295705, EPI_ISL_1295708, EPI_ISL_1295713, EPI_ISL_1295715, EPI_ISL_1295717, EPI_ISL_1295721, EPI_ISL_1295725, EPI_ISL_1295729, EPI_ISL_1295734, EPI_ISL_1295737, EPI_ISL_1295738, EPI_ISL_1295742, EPI_ISL_1295743, EPI_ISL_1295744, EPI_ISL_1295750, EPI_ISL_1295751, EPI_ISL_1295755, EPI_ISL_1295758, EPI_ISL_1295763, EPI_ISL_1295767, EPI_ISL_1295771, EPI_ISL_1295778, EPI_ISL_1295784, EPI_ISL_1295785, EPI_ISL_1295787, EPI_ISL_1295789, EPI_ISL_1295790, EPI_ISL_1295795			
see above	Sharp HealthCare Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Aaron Harding, Jacquelyn Berumen, Cathy Woerle, Liam McGinnis, Art Mendoza, Omid Bakhtar
EPI_ISL_1295796, EPI_ISL_1295801, EPI_ISL_1295803, EPI_ISL_1295805, EPI_ISL_1295808, EPI_ISL_1295810, EPI_ISL_1295812, EPI_ISL_1295813	Rady Children's Hospital - San Diego	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Nanda Radamchar, David Dimmock, Linda Luo, Christina Clarke, Kathryn Bouic, Teresa Mueller, Denise Malicki
EPI_ISL_1295815, EPI_ISL_1295817	San Diego County Public Health Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Tracy Basler, Jovan Shephard, Brett Austin
EPI_ISL_1295819, EPI_ISL_1295823, EPI_ISL_1295824, EPI_ISL_1295825, EPI_ISL_1295826, EPI_ISL_1295828, EPI_ISL_1295831, EPI_ISL_1295833, EPI_ISL_1295834, EPI_ISL_1295836, EPI_ISL_1295839, EPI_ISL_1295842, EPI_ISL_1295844, EPI_ISL_1295846, EPI_ISL_1295848, EPI_ISL_1295849, EPI_ISL_1295861, EPI_ISL_1295862, EPI_ISL_1295863, EPI_ISL_1295864, EPI_ISL_1295870, EPI_ISL_1295871, EPI_ISL_1295872, EPI_ISL_1295873, EPI_ISL_1295878, EPI_ISL_1295882, EPI_ISL_1295886, EPI_ISL_1295889, EPI_ISL_1295891, EPI_ISL_1295892, EPI_ISL_1295893, EPI_ISL_1295894, EPI_ISL_1295898, EPI_ISL_1295899			
see above	Sharp HealthCare Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Aaron Harding, Jacquelyn Berumen, Cathy Woerle, Liam McGinnis, Art Mendoza, Omid Bakhtar
EPI_ISL_1295902, EPI_ISL_1295906, EPI_ISL_1295907, EPI_ISL_1295908, EPI_ISL_1295911, EPI_ISL_1295912, EPI_ISL_1295913, EPI_ISL_1295915, EPI_ISL_1295917, EPI_ISL_1295928	Nevada State Public Health Laboratory	Nevada State Public Health Laboratory	Andrew Gorzalski, Mark Pandori
EPI_ISL_1296488	Montana Public Health Laboratory	Montana Public Health Laboratory	Joy Ritter, Michelle Mozer, Carrie Biskupiak, Deborah Gibson
EPI_ISL_1296691, EPI_ISL_1296693, EPI_ISL_1296699	TGen North	Sonora Quest Laboratories	"Jolene Bowers, Heather Centner, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)"
EPI_ISL_1296703, EPI_ISL_1296742	TGen North	TGen North	"Jolene Bowers, Heather Centner, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)"
EPI_ISL_1296745, EPI_ISL_1296753, EPI_ISL_1296770, EPI_ISL_1296772	TGen North	Sonora Quest Laboratories	"Jolene Bowers, Heather Centner, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)"
EPI_ISL_1296783	TGen North	TGen North	"Jolene Bowers, Heather Centner, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)"
EPI_ISL_1296789, EPI_ISL_1296809	TGen North	Sonora Quest Laboratories	"Jolene Bowers, Heather Centner, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)"
EPI_ISL_1296827	TGen North	TGen North	"Jolene Bowers, Heather Centner, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)"
EPI_ISL_1296858, EPI_ISL_1296861	TGen North	Sonora Quest Laboratories	"Jolene Bowers, Heather Centner, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)"
EPI_ISL_1296872	TGen North	TGen North	"Jolene Bowers, Heather Centner, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)"
EPI_ISL_1296875, EPI_ISL_1296880, EPI_ISL_1296883, EPI_ISL_1296886, EPI_ISL_1296889, EPI_ISL_1296938, EPI_ISL_1296941, EPI_ISL_1296946, EPI_ISL_1296950	TGen North	Sonora Quest Laboratories	"Jolene Bowers, Heather Centner, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)"
EPI_ISL_1296959	TGen North	TGen North	"Jolene Bowers, Heather Centner, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)"
EPI_ISL_1296978, EPI_ISL_1296980, EPI_ISL_1296982, EPI_ISL_1296983	TGen North	Sonora Quest Laboratories	"Jolene Bowers, Heather Centner, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)"
EPI_ISL_1296987	TGen North	TGen North	"Jolene Bowers, Heather Centner, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)"
EPI_ISL_1296996, EPI_ISL_1297004, EPI_ISL_1297011, EPI_ISL_1297015, EPI_ISL_1297017, EPI_ISL_1297022, EPI_ISL_1297030, EPI_ISL_1297037, EPI_ISL_1297043	TGen North	Sonora Quest Laboratories	"Jolene Bowers, Heather Centner, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)"
EPI_ISL_1297047	TGen North	TGen North	"Jolene Bowers, Heather Centner, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)"
EPI_ISL_1297049, EPI_ISL_1297060, EPI_ISL_1297061	TGen North	Sonora Quest Laboratories	"Jolene Bowers, Heather Centner, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)"
EPI_ISL_1297077	TGen North	TGen North	"Jolene Bowers, Heather Centner, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)"
EPI_ISL_1297091, EPI_ISL_1297125, EPI_ISL_1297128, EPI_ISL_1297137, EPI_ISL_1297138, EPI_ISL_1297141,	TGen North	Sonora Quest Laboratories	"Jolene Bowers, Heather Centner, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)"

EPI_ISL_1297154			
EPI_ISL_1297496	UW Virology Lab	UW Virology Lab	Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Shah Mohamed Bakhsh, Michelle Lin, Noah Baker, Sean Ellis, Saraswathi Sathees, Meei-Li Huang, Keith R Jerome, Alexander Greninger
EPI_ISL_1297505, EPI_ISL_1297506, EPI_ISL_1297516, EPI_ISL_1297528, EPI_ISL_1297534, EPI_ISL_1297545, EPI_ISL_1297551, EPI_ISL_1297554, EPI_ISL_1297573, EPI_ISL_1297580, EPI_ISL_1297582, EPI_ISL_1297596, EPI_ISL_1297604, EPI_ISL_1297607, EPI_ISL_1297614, EPI_ISL_1297616, EPI_ISL_1297624, EPI_ISL_1297631, EPI_ISL_1297633, EPI_ISL_1297637, EPI_ISL_1297645, EPI_ISL_1297658, EPI_ISL_1297661, EPI_ISL_1297664, EPI_ISL_1297673, EPI_ISL_1297689, EPI_ISL_1297691, EPI_ISL_1297699, EPI_ISL_1297712, EPI_ISL_1297713, EPI_ISL_1297720, EPI_ISL_1297731, EPI_ISL_1297744, EPI_ISL_1297745, EPI_ISL_1297751, EPI_ISL_1297757, EPI_ISL_1297769, EPI_ISL_1297786, EPI_ISL_1297790, EPI_ISL_1297793, EPI_ISL_1297796, EPI_ISL_1297806, EPI_ISL_1297823			
see above	Quest Diagnostics Incorporated	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, S. H. Rosenthal, A. Gerasimova, R. M. Kagan, B. Anderson, M. Hua, Y. Liu, L.E. Bernstein, K.E. Livingston, A. Perez, I. A. Shlyakhter, R. V. Rolando, R. Owen, P. Tanpaiboon, F. Lacbawan, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1297859, EPI_ISL_1297861, EPI_ISL_1297863, EPI_ISL_1297893, EPI_ISL_1297900, EPI_ISL_1297901, EPI_ISL_1297924, EPI_ISL_1297951, EPI_ISL_1297974, EPI_ISL_1297992, EPI_ISL_1297997, EPI_ISL_1298013, EPI_ISL_1298023, EPI_ISL_1298028, EPI_ISL_1298044, EPI_ISL_1298045, EPI_ISL_1298047, EPI_ISL_1298060, EPI_ISL_1298074, EPI_ISL_1298077, EPI_ISL_1298098, EPI_ISL_1298114, EPI_ISL_1298138, EPI_ISL_1298140, EPI_ISL_1298144, EPI_ISL_1298154, EPI_ISL_1298166, EPI_ISL_1298168, EPI_ISL_1298171, EPI_ISL_1298182, EPI_ISL_1298185			
see above	Helix/Illumina	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Peter W. Cook, Dakota Howard, Dhvani Batra, Ben L. Rambo-Martin, Eileen de Feo, Jan Antico, Christine Tran, Matthew Tolentino, Shannon Wickline, Kim Gietzen, Brad Sickler, Jingtao Liu, Eric Allen, Phil Febbo, Summer Galloway, Nicole L. Washington, Simon White, Geraint Levan, Kelly Schiabor Barrett, Elizabeth Cirulli, Alexandre Bolze, Ary Ascencio, Charlotte Rivera-Garcia, Ryan Cho, Jason Nguyen, Sherry Wang, Jimmy Ramirez, Tyler Cassens, Efrén Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_1299316, EPI_ISL_1299320	Arizona State University	Arizona State University	Peter T. Skidmore, LaRinda A. Holland, Rabia Maqsood, Emily A. Kaelin, Nicholas J. Mellor, Kristina Buss, Joy M. Blain, Neal W Woodbury, Valerie Harris, Joshua LaBaer, Vel Murugan, Efrém S. Lim
EPI_ISL_1300090, EPI_ISL_1300091, EPI_ISL_1300092, EPI_ISL_1300099, EPI_ISL_1300100, EPI_ISL_1300103, EPI_ISL_1300110, EPI_ISL_1300113, EPI_ISL_1300116, EPI_ISL_1300124, EPI_ISL_1300126, EPI_ISL_1300133, EPI_ISL_1300138, EPI_ISL_1300140, EPI_ISL_1300142, EPI_ISL_1300167, EPI_ISL_1300170			
see above	Colorado Department of Public Health and Environment	Colorado Department of Public Health and Environment	Laura Bankers, Molly C. Hetherington-Rauth, Diana Ir, Shannon Ely, Shannon R. Matzinger, Sarah Elizabeth Totten, Emily A. Travanty
EPI_ISL_1300420	Texas Department of State Health Services - TXDSHS	Texas Department of State Health Services - TXDSHS	Rashmi Tuladhar, Bonnie Oh, Jenny Zhang, Maliha Rahman, Mayela Pedrueza, Anita Pokharel, Myong Koag, Chun Wang, Rachel Lee, Grace Kubin
EPI_ISL_1300537	Arizona State University	Arizona State University	Rabia Maqsood, LaRinda A. Holland, Peter T. Skidmore, Emily A. Kaelin, Nicholas J. Mellor, Kristina Buss, Joy M. Blain, Neal W Woodbury, Valerie Harris, Joshua LaBaer, Vel Murugan, Efrém S. Lim
EPI_ISL_1300547, EPI_ISL_1300558, EPI_ISL_1300562, EPI_ISL_1300567, EPI_ISL_1300568, EPI_ISL_1300576, EPI_ISL_1300588, EPI_ISL_1300592, EPI_ISL_1300593, EPI_ISL_1300610, EPI_ISL_1300625, EPI_ISL_1300633, EPI_ISL_1300638, EPI_ISL_1300642			
see above	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin L. Young, Kelly F. Oakeson, Tara Gallagher
EPI_ISL_1301289, EPI_ISL_1301290, EPI_ISL_1301303, EPI_ISL_1301407, EPI_ISL_1301429, EPI_ISL_1301431, EPI_ISL_1301432, EPI_ISL_1301433	MSHS Clinical Microbiology Laboratories	MSHS Pathogen Surveillance Program	Ana S. Gonzalez-Reiche, Hala Alshammari, Mitchell J. Sullivan, Brianne Ciferri, Ajay Obla, Angela Amoako, Mahmoud Awawda, Daniel Floda, Julia Matthews, Ashley Salimbangon, Levy Sominsky, Katherine Beach, Kayla Russo, Charles Gleason, Shelcie Fabre, Giulio Kleiner, Zenab Khan, Bremy Alburquerque, Adriana van de Guchte, Komal Srivastava, Matthew M. Hernandez, Jayeeta Dutta, Denise Jurczynszak, Nancy Francoeur, Betsaida Salom Melo, Irina Oussenko, Gintaras Deikus, Juan Soto, Shwetha Hara Sridhar, Ying-Chih Wang, Kathryn Twyman, Deena R. Altman, Robert Sebra, Adolfo Garcia-Sastre, Marta Luksza, Gopi Patel, Sarah Schaefer, Melissa Gitman, Michael D. Nowak, Alberto Paniz-Mondolfi, Emilia Mia Sordillo, Viviana Simon, Harm van Bakel
EPI_ISL_1303033, EPI_ISL_1303072, EPI_ISL_1303093, EPI_ISL_1303101, EPI_ISL_1303117, EPI_ISL_1303119, EPI_ISL_1303221, EPI_ISL_1303225, EPI_ISL_1303269, EPI_ISL_1303288, EPI_ISL_1303291, EPI_ISL_1303328, EPI_ISL_1303329, EPI_ISL_1303333, EPI_ISL_1303334, EPI_ISL_1303351			
see above	Microbiology Division, South Carolina Department of Health and Environmental Control	Microbiology Division, South Carolina Department of Health and Environmental Control	Flores,H., Freeman,J.
EPI_ISL_1303404, EPI_ISL_1303406	Pomona Valley Hospital Medical Center	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1303408	USC Clinical Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1303414	Martin Luther King Jr. Community Hospital	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1303417, EPI_ISL_1303418, EPI_ISL_1303419, EPI_ISL_1303420	MD Laboratories	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_1303424	USC Clinical Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_779199, EPI_ISL_779200, EPI_ISL_779665, EPI_ISL_779690	Pathogen Genomics Center, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_794635, EPI_ISL_794640	USC Clinical Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_794642, EPI_ISL_794643, EPI_ISL_794644, EPI_ISL_794645, EPI_ISL_794647, EPI_ISL_794670	UCLA Clinical Micro Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_803110	Sydney South West Pathology Service (SSWPS) - Royal Prince Alfred Hospital - NSW Health Pathology	NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney	CIDM-PH et al.
EPI_ISL_818613	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Albertsen Lab, Department of Chemistry and Bioscience, Aalborg University, Denmark	Danish Covid-19 Genome Consortium
EPI_ISL_819210, EPI_ISL_819228	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_824995	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_825400, EPI_ISL_825411, EPI_ISL_825421, EPI_ISL_825427	Pathogen Genomics Center, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_826305, EPI_ISL_826313	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_831481, EPI_ISL_831571, EPI_ISL_831617	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_832080, EPI_ISL_832081, EPI_ISL_832090, EPI_ISL_832095	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Department
EPI_ISL_833350	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_833395, EPI_ISL_833397, EPI_ISL_833399, EPI_ISL_833400, EPI_ISL_833401, EPI_ISL_833402, EPI_ISL_833403, EPI_ISL_833404	St. Francis Medical Center	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_833405, EPI_ISL_833407, EPI_ISL_833408, EPI_ISL_833409	Beverly Hospital	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_833415, EPI_ISL_833416	USC Clinical Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_833418, EPI_ISL_833421, EPI_ISL_833427	MD Laboratories	Los Angeles County PHL	P. Hemarajata et al.

EPI_ISL_833489	St. Francis Medical Center	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_833490, EPI_ISL_833491	MD Laboratories	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_845781	Emory Molecular Diagnostics Laboratory, Emory Healthcare	Piantadosi Lab, Emory Department of Pathology	Ahmed Babiker, Anne Piantadosi
EPI_ISL_845898, EPI_ISL_846181	Lighthouse Lab in Cambridge	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Rob Howes, The Lighthouse Lab in Cambridge and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_847593, EPI_ISL_847759	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_847996	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_849911	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin L. Young, Kelly F. Oakeson, Tara Gallagher
EPI_ISL_849924	UCSF Clinical Microbiology Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_850518, EPI_ISL_850522, EPI_ISL_850592	Helix/Illumina	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dhwani Batra, Ben L. Rambo-Martin Eileen de Feo, Jan Antico, Christine Tran, Matthew Tolentino, Shannon Wickline, Kim Gietzen, Brad Sickler, Jingtao Liu, Eric Allen, Phil Febbo, Summer Galloway, Nicole L. Washington, Simon White, Geraint Levan, Kelly Schiabor Barrett, Elizabeth Cirulli, Alexandre Bolze, Ary Ascencio, Charlotte Rivera-Garcia, Ryan Cho, Jason Nguyen, Sherry Wang, Jimmy Ramirez, Tyler Cassens, Efrén Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_850704, EPI_ISL_850719, EPI_ISL_850781, EPI_ISL_850788, EPI_ISL_850798, EPI_ISL_850807, EPI_ISL_850824, EPI_ISL_850863	Helix / Illumina	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dhwani Batra, Ben L. Rambo-Martin Eileen de Feo, Jan Antico, Christine Tran, Matthew Tolentino, Shannon Wickline, Kim Gietzen, Brad Sickler, Jingtao Liu, Eric Allen, Phil Febbo, Summer Galloway, Nicole L. Washington, Simon White, Geraint Levan, Kelly Schiabor Barrett, Elizabeth Cirulli, Alexandre Bolze, Ary Ascencio, Charlotte Rivera-Garcia, Ryan Cho, Jason Nguyen, Sherry Wang, Jimmy Ramirez, Tyler Cassens, Efrén Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_851001, EPI_ISL_851004, EPI_ISL_851031, EPI_ISL_851032	Helix/Illumina	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook, Dhwani Batra, Ben L. Rambo-Martin Eileen de Feo, Jan Antico, Christine Tran, Matthew Tolentino, Shannon Wickline, Kim Gietzen, Brad Sickler, Jingtao Liu, Eric Allen, Phil Febbo, Summer Galloway, Nicole L. Washington, Simon White, Geraint Levan, Kelly Schiabor Barrett, Elizabeth Cirulli, Alexandre Bolze, Ary Ascencio, Charlotte Rivera-Garcia, Ryan Cho, Jason Nguyen, Sherry Wang, Jimmy Ramirez, Tyler Cassens, Efrén Sandoval, Magnus Isaksson, William Lee, David Becker, Marc Laurent, James Lu, Clinton R. Paden, Suxiang Tong, Duncan MacCannell
EPI_ISL_854810, EPI_ISL_854811, EPI_ISL_854813, EPI_ISL_854814, EPI_ISL_854815, EPI_ISL_854816, EPI_ISL_854818, EPI_ISL_854819, EPI_ISL_854820, EPI_ISL_854823, EPI_ISL_854828, EPI_ISL_854830, EPI_ISL_854832, EPI_ISL_854833, EPI_ISL_854835, EPI_ISL_854838, EPI_ISL_854839, EPI_ISL_854861, EPI_ISL_855014, EPI_ISL_855015, EPI_ISL_855018, EPI_ISL_855022, EPI_ISL_855026, EPI_ISL_855042, EPI_ISL_855044, EPI_ISL_855045, EPI_ISL_855051, EPI_ISL_855055, EPI_ISL_855066, EPI_ISL_855068, EPI_ISL_855073, EPI_ISL_855075, EPI_ISL_855076, EPI_ISL_855077, EPI_ISL_855079, EPI_ISL_855166	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.
see above	Quest Diagnostics	Quest Diagnostics	Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Bailey Bowcutt, and Wanda Manley
EPI_ISL_856965	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857096	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_857170	DOHMH Morrisania	New York City Public Health Laboratory	Ji-Rong Yang, Yu-Chi Lin, Jung-Jung-Mu, Ming-Tsan Liu
EPI_ISL_857314	Centers for Disease Control, R.O.C. (Taiwan)	Centers for Disease Control, R.O.C. (Taiwan)	Tsuyoshi Sekizuka, Kentaro Itokawa, Rina Tanaka, Masanori Hashino, Makoto Kuroda
EPI_ISL_860106, EPI_ISL_860108, EPI_ISL_860112	Pathogen Genomics Center, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	P. Hemarajata et al.
EPI_ISL_861692, EPI_ISL_861694, EPI_ISL_861695, EPI_ISL_861696, EPI_ISL_861697	Los Angeles County PHL	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_861700	MD Laboratories	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_861704, EPI_ISL_861706	UCLA Clinical Micro Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_862121	MD Laboratories	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_862122	UCLA Clinical Micro Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_862682	New Mexico Department of Health Scientific Laboratory	New Mexico Department of Health Scientific Laboratory	D'eldra Malone, Ellie Johnson, Anastacia Griego-Fisher
EPI_ISL_869199, EPI_ISL_869200, EPI_ISL_869212, EPI_ISL_869219	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_871859, EPI_ISL_871860, EPI_ISL_871861, EPI_ISL_872165, EPI_ISL_872168	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_872486, EPI_ISL_872504, EPI_ISL_872530, EPI_ISL_872555	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_872579	Sydney South West Pathology Service (SSWPS) - Royal Prince Alfred Hospital - NSW Health Pathology	NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney	CIDM-PH et al.
EPI_ISL_872582, EPI_ISL_872584	South Eastern Area Laboratory Services (SEALS)	NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney	CIDM-PH et al.
EPI_ISL_872588	Sydney South West Pathology Service (SSWPS) - Royal Prince Alfred Hospital - NSW Health Pathology	NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney	CIDM-PH et al.
EPI_ISL_872802, EPI_ISL_872838, EPI_ISL_872890	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_873175	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_873203	North Dakota Department of Health, Public Health Laboratory	North Dakota Department of Health, Public Health Laboratory	Lisa Wingerter
EPI_ISL_873881	Lighthouse Lab in Milton Keynes	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	The Lighthouse Lab in Milton Keynes and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team
EPI_ISL_875665	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_876625, EPI_ISL_876658, EPI_ISL_876731	Helix/Illumina	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook,Dhwani Batra,Ben L. Rambo-Martin,Eileen de Feo,Jan Antico,Christine Tran,Matthew Tolentino,Shannon Wickline,Kim Gietzen,Brad Sickler,Jingtao Liu,Eric Allen,Phil Febbo,Summer Galloway,Nicole L. Washington,Simon White,Geraint Levan,Kelly Schiabor Barrett,Elizabeth Cirulli,Alexandre Bolze,Ary Ascencio,Charlotte Rivera-Garcia,Ryan Cho,Jason Nguyen,Sherry Wang,Jimmy Ramirez,Tyler Cassens,Efrén Sandoval,Magnus Isaksson,William Lee,David Becker,Marc Laurent,James Lu,Clinton R. Paden,Suxiang Tong,Duncan MacCannell,
EPI_ISL_877037, EPI_ISL_877044, EPI_ISL_877045, EPI_ISL_877046, EPI_ISL_877047, EPI_ISL_877048, EPI_ISL_877053, EPI_ISL_877055, EPI_ISL_877059, EPI_ISL_877061, EPI_ISL_877062, EPI_ISL_877064, EPI_ISL_877068, EPI_ISL_877069, EPI_ISL_877070, EPI_ISL_877073, EPI_ISL_877076, EPI_ISL_877077, EPI_ISL_877078, EPI_ISL_877080, EPI_ISL_877081, EPI_ISL_877086, EPI_ISL_877090, EPI_ISL_877092, EPI_ISL_877097, EPI_ISL_877098, EPI_ISL_877100, EPI_ISL_877101, EPI_ISL_877102, EPI_ISL_877103, EPI_ISL_877106, EPI_ISL_877109, EPI_ISL_877110, EPI_ISL_877111, EPI_ISL_877114	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.,	
see above	Quest Diagnostics	Quest Diagnostics	

EPI_ISL_877132	The Ohio State University Wexner Medical Center	James Molecular Lab	Owen, R., Tanpaiboon, P., Lacbawan, F.
EPI_ISL_877170, EPI_ISL_877171, EPI_ISL_877181	Univeristy of New Mexico Hospital	Center for Global Health, University of New Mexico Health Sciences Center	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_877187	Quest Diagnostics	Quest Diagnostics	Daryl Domman, Kurt Schwalm, Justin Bacca, Jon Femling, Darrell Dinwiddle
EPI_ISL_878784	Rady's Childrens Hospital	Andersen lab at Scripps Research	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_880042, EPI_ISL_880050, EPI_ISL_880056, EPI_ISL_880066, EPI_ISL_880079, EPI_ISL_880092, EPI_ISL_880095, EPI_ISL_880101, EPI_ISL_880111, EPI_ISL_880130, EPI_ISL_880133, EPI_ISL_880135, EPI_ISL_880145, EPI_ISL_880146, EPI_ISL_880148, EPI_ISL_880152, EPI_ISL_880154, EPI_ISL_880156, EPI_ISL_880161, EPI_ISL_880164, EPI_ISL_880170			SEARCH Alliance San Diego with Nanda Radamchar, David Dimmock, Linda Luo, Christina Clarke, Kathryn Bouic, Teresa Mueller, Denise Malicki
see above	Sharp HealthCare Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Aaron Harding, Jacquelyn Berumen, Cathy Woerle, Liam McGinnis, Art Mendoza, Omid Bakhtar
EPI_ISL_880204, EPI_ISL_880206, EPI_ISL_880236, EPI_ISL_880244, EPI_ISL_880246, EPI_ISL_880253, EPI_ISL_880271, EPI_ISL_880279, EPI_ISL_880287, EPI_ISL_880290, EPI_ISL_880294			
see above	Scripps Medical Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Michael Quigley, Ellen Stefanski, Ian Mchardy
EPI_ISL_882965, EPI_ISL_882966	MD Laboratories	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_882968, EPI_ISL_882971, EPI_ISL_882972, EPI_ISL_882977, EPI_ISL_882978, EPI_ISL_882979, EPI_ISL_882982	UCLA Clinical Micro Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_882985, EPI_ISL_882986, EPI_ISL_882989, EPI_ISL_882993, EPI_ISL_882996	MD Laboratories	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_883375	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_883415	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_883424	DOHMH PHL	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_884226	Kansas Health and Environmental Lab	Kansas Health and Environmental Lab	Mike Grose, Paige Drury, Carissa Robertson, Ben Olsen, and Phil Adam
EPI_ISL_884298, EPI_ISL_884299, EPI_ISL_884301, EPI_ISL_884302	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Laboratory	Santa Clara County Public Health Department
EPI_ISL_884628, EPI_ISL_884646, EPI_ISL_884656, EPI_ISL_884690, EPI_ISL_884704, EPI_ISL_884734, EPI_ISL_884739, EPI_ISL_884746, EPI_ISL_884754, EPI_ISL_884823	Respiratory Viruses Branch, Centers for Disease Control and Prevention	Respiratory Viruses Branch, Centers for Disease Control and Prevention	Cook,P.W., Batra,D., Rambo-Martin,B.L., de Feo,E., Antico,J., Tran,C., Tolentino,M., Wickline,S., Gietzen,K., Sickler,B., Liu,J., Allen,E., Febbo,P., Galloway,S., Washington,N.L., White,S., Levan,G., Barret,K.S., Cirulli,E., Bolze,A., Ascencio,A., Rivera-Garcia,C., Cho,R., Nguyen,J., Wang,S., Ramirez,J., Cassens,T., Sandoval,E., Isaksson,M., Lee,W., Becker,D., Laurent,M., Lu,J., Paden,C.R., Tong,S., MacCannell,D.
EPI_ISL_885023, EPI_ISL_885024, EPI_ISL_885047, EPI_ISL_885049, EPI_ISL_885050	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_886180, EPI_ISL_886215, EPI_ISL_886248, EPI_ISL_886256, EPI_ISL_886305, EPI_ISL_886322, EPI_ISL_886327, EPI_ISL_886328, EPI_ISL_886329, EPI_ISL_886330, EPI_ISL_886346, EPI_ISL_886347, EPI_ISL_886348, EPI_ISL_886350, EPI_ISL_886351, EPI_ISL_886352, EPI_ISL_886353, EPI_ISL_886354, EPI_ISL_886356, EPI_ISL_886358, EPI_ISL_886359, EPI_ISL_886360, EPI_ISL_886361, EPI_ISL_886362, EPI_ISL_886363, EPI_ISL_886364, EPI_ISL_886660, EPI_ISL_886691, EPI_ISL_886838, EPI_ISL_886865, EPI_ISL_886866, EPI_ISL_887053, EPI_ISL_887098			
see above	Labcorp	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook,Dhwani Batra,Ben L. Rambo-Martin,Summer Galloway,Brian Krueger,Minoo Agarwal,Eyad Almasri,Debbie Boles,Ayla Burns,Nuthawin Charoensri,Oren Cohen,Susan Countryman,Mary Ann Cristobal,Bobbi Croy,Suzanne Dale,Hrushikesh Deshmukh,Amanda Douglas,Vincent Drouillon,Marcia Eisenberg,Howard Engler,Rama Ghatti,Prashant Gupta,Susan Hicks,Jake Humphrey,Lax Iyer,Manoj Jain,Mohan Kolli,Tim Kuphal,Stanley Letovsky,Michael Levandoski,Craig Lukasik,Jonathan Meltzer,Brian Norvell,Mindy Nye,Scott Parker,Christos Petropoulos,John Pruitt,Steven Ragan,Scott Ryan,Mike Sapeta,Jana Schroth,Suresh Babu Selvaraju,Goran Stevovic,Amanda Suchanek,Andrea Throop,Lyndon Tilson,Thomas Urban,Joe Voshell,Kimberly Wagner,Jonathan Williams,Mary Williamson,Qian Zeng,Tricia Zwiefelhofer,Clinton R. Paden,Suxiang Tong,Duncan MacCannell,
EPI_ISL_887510, EPI_ISL_887533, EPI_ISL_887540	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_887641, EPI_ISL_887758, EPI_ISL_887853, EPI_ISL_887883, EPI_ISL_888583	Labcorp	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook,Dhwani Batra,Ben L. Rambo-Martin,Summer Galloway,Brian Krueger,Minoo Agarwal,Eyad Almasri,Debbie Boles,Ayla Burns,Nuthawin Charoensri,Oren Cohen,Susan Countryman,Mary Ann Cristobal,Bobbi Croy,Suzanne Dale,Hrushikesh Deshmukh,Amanda Douglas,Vincent Drouillon,Marcia Eisenberg,Howard Engler,Rama Ghatti,Prashant Gupta,Susan Hicks,Jake Humphrey,Lax Iyer,Manoj Jain,Mohan Kolli,Tim Kuphal,Stanley Letovsky,Michael Levandoski,Craig Lukasik,Jonathan Meltzer,Brian Norvell,Mindy Nye,Scott Parker,Christos Petropoulos,John Pruitt,Steven Ragan,Scott Ryan,Mike Sapeta,Jana Schroth,Suresh Babu Selvaraju,Goran Stevovic,Amanda Suchanek,Andrea Throop,Lyndon Tilson,Thomas Urban,Joe Voshell,Kimberly Wagner,Jonathan Williams,Mary Williamson,Qian Zeng,Tricia Zwiefelhofer,Clinton R. Paden,Suxiang Tong,Duncan MacCannell,
EPI_ISL_888607	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_888631	Univeristy of New Mexico Hospital	Center for Global Health, University of New Mexico Health Sciences Center	Daryl Domman, Kurt Schwalm, Justin Bacca, Jon Femling, Darrell Dinwiddle
EPI_ISL_888918, EPI_ISL_888962	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_889651, EPI_ISL_889718, EPI_ISL_889730, EPI_ISL_889743	LSUHS Emerging Viral Threat Laboratory	Microbial Genome Sequencing Center	Jeremy P. Kamil, Jennifer L. Carroll, Camille F. Abshire, Maarten Van Diest, Mohammed N.A. Siddiquey, Andrew D. Yurochko, Martin J. Sapp, Rona S. Scott, Christopher G. Kevil, Daniel J. Snyder, Vaughn S. Cooper, John A. Vanchiere
EPI_ISL_890969	Seattle Flu Study	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Erica Ryke, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Jay Shendure, Trevor Bedford, Helen Y. Chu
EPI_ISL_890984, EPI_ISL_891090	Seattle Flu Study	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Erica Ryke, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Karen Cowgill, Stephanie Schrag, Jeff Duchin, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Helen Y. Chu, Trevor Bedford, Jay Shendure
EPI_ISL_891101, EPI_ISL_891105, EPI_ISL_891116, EPI_ISL_891118, EPI_ISL_891120, EPI_ISL_891129	Altius Institute for Biomedical Sciences	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Erica Ryke, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Ryan Alexander, Daniel Bates, Rebecca Bruders, Stephanie DeBaun, Clem Green, Muhammad Halimun, Kneshay Harper, Matt Hartman, Andrew Meuser, Alex Nguyen, Truong Nguyen, Sofia Olsson, Sadie Patraw, Hannah Petersen, Tobias Ragoczy, Joshua Richards, Jacob Rodriguez, John Stamatoyannopoulos, Julia Walld, Olivia Waltnier, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Helen Y. Chu, Jay Shendure, Trevor Bedford
EPI_ISL_892249, EPI_ISL_892251, EPI_ISL_892256, EPI_ISL_892258, EPI_ISL_892259, EPI_ISL_892260,	MD Laboratories	Los Angeles County PHL	P. Hemarajata et al.

EPI_ISL_892263, EPI_ISL_892265 EPI_ISL_892267, EPI_ISL_892268 EPI_ISL_896361, EPI_ISL_896369	UCLA Clinical Micro Lab New York Presbyterian Hospital	Los Angeles County PHL Wadsworth Center, New York State Department of Health	P. Hemarajata et al. 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_896435	Columbia University Irving Medical Center	Wadsworth Center, New York State Department of Health	Kirsten St. George, Daryl M. Lamson, Alexis Russel, Matthew Shudt, Melissa A Leisner, Jonathan Plitnick, Navjot Singh, John Kelly, Erasmus Schneider, Erica Lasek-Nesselquist
EPI_ISL_902733 EPI_ISL_903075	Santa Clara County Public Health Laboratory Seattle Flu Study	Santa Clara County Public Health Laboratory Seattle Flu Study	Santa Clara County Public Health Department Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Erica Ryke, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Jay Shendure, Trevor Bedford, Helen Y. Chu
EPI_ISL_903080, EPI_ISL_903085, EPI_ISL_903092, EPI_ISL_903093, EPI_ISL_903094, EPI_ISL_903095	Seattle Flu Study	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Erica Ryke, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Karen Cowgill, Stephanie Schrag, Jeff Duchin, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Helen Y. Chu, Trevor Bedford, Jay Shendure
EPI_ISL_903135, EPI_ISL_903137, EPI_ISL_903138, EPI_ISL_903139, EPI_ISL_903140, EPI_ISL_903168	Washington State Department of Health	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Erica Ryke, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Karen Cowgill, Stephanie Schrag, Jeff Duchin, Michael 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_903196	Seattle Flu Study	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Erica Ryke, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Karen Cowgill, Stephanie Schrag, Jeff Duchin, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Helen Y. Chu, Trevor Bedford, Jay Shendure
EPI_ISL_903349 EPI_ISL_903371, EPI_ISL_903372 EPI_ISL_903373, EPI_ISL_903374	Wyoming Public Health Laboratory Los Angeles County PHL MD Laboratories	Wyoming Public Health Laboratory Los Angeles County PHL Los Angeles County PHL	Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Bailey Bowcutt, and Wanda Manley P. Hemarajata et al. P. Hemarajata et al.
EPI_ISL_903390, EPI_ISL_903393, EPI_ISL_903394, EPI_ISL_903397, EPI_ISL_903406, EPI_ISL_903417, EPI_ISL_903424, EPI_ISL_903427, EPI_ISL_903432, EPI_ISL_903434, EPI_ISL_903435, EPI_ISL_903437, EPI_ISL_903438, EPI_ISL_903445, EPI_ISL_903451, EPI_ISL_903455, EPI_ISL_903461, EPI_ISL_903462, EPI_ISL_903465, EPI_ISL_903467, EPI_ISL_903468, EPI_ISL_903471, EPI_ISL_903483, EPI_ISL_903486, EPI_ISL_903487, EPI_ISL_903490, EPI_ISL_903497, EPI_ISL_903503, EPI_ISL_903505, EPI_ISL_903506, EPI_ISL_903508, EPI_ISL_903520, EPI_ISL_903558, EPI_ISL_903559	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.
see above	Quest Diagnostics	Quest Diagnostics	Rosenthal,S.H., Gerasimova,A., Kagan,R.M., Anderson, B., Hua, M., Liu Y., Bernstein, L.E., Livingston, K.E., Perez, A., Shalhout, D.F., Shlyakhter, I.A., Owen, R., Tanpaiboon, P., Lacbawan, F.
EPI_ISL_903810, EPI_ISL_903833	CDPH, Viral and Rickettsial Disease Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_903839	NM Dept. Health, Scientific Laboratory Division	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_903856, EPI_ISL_903892	CDPH, Viral and Rickettsial Disease Laboratory	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen, Yan Li, Ying Tao, Jing Zhang, Anna Uehara, Anna Montmayeur, Clinton R. Paden, Peter W. Cook, Rachel Marine, Mili Sheth, Jasmine Padilla, Sarah Nobles, Mark Burroughs, Lori Rowe, Haibin Wang, Ben L. Rambo-Martin, Dhwani Batra, Justin Lee, Suxiang Tong
EPI_ISL_904067, EPI_ISL_904068, EPI_ISL_904081, EPI_ISL_904097, EPI_ISL_904113	New Mexico Department of Health Scientific Laboratory	New Mexico Department of Health Scientific Laboratory	Ellie Johnson, Anastacia Griego-Fisher, D'eldra Malone
EPI_ISL_904760, EPI_ISL_905242	Dutch COVID-19 response team	National Institute for Public Health and the Environment (RIVM)	Adam Meijer, Harry Vennema, Dirk Eggink, Jeroen Cremer, Sharon van den Brink, Bas van der Veer, AnneMarie van den Brandt, Florian Zwagemaker, Dennis Schmitz, Chantal Reusken, on behalf of the national COVID-19 response team
EPI_ISL_905768, EPI_ISL_905769, EPI_ISL_905770, EPI_ISL_905771, EPI_ISL_905772	MD Laboratories	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_905773, EPI_ISL_905774, EPI_ISL_905776, EPI_ISL_905777, EPI_ISL_905778, EPI_ISL_905779, EPI_ISL_905780, EPI_ISL_905781, EPI_ISL_905783, EPI_ISL_905785, EPI_ISL_905786	UCLA Clinical Micro Lab	Los Angeles County PHL	P. Hemarajata et al.
see above	UCLA Clinical Micro Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_905851, EPI_ISL_905892, EPI_ISL_905938, EPI_ISL_905939, EPI_ISL_905940, EPI_ISL_905941, EPI_ISL_905953, EPI_ISL_905954, EPI_ISL_905957, EPI_ISL_905960, EPI_ISL_905998, EPI_ISL_906001, EPI_ISL_906002, EPI_ISL_906006, EPI_ISL_906034	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_906048 EPI_ISL_906167, EPI_ISL_906183, EPI_ISL_906216	MD Laboratories University of Wisconsin-Madison AIDS Vaccine Research Laboratories	Los Angeles County Public Health Laboratory University of Wisconsin-Madison AIDS Vaccine Research Laboratories	P. Hemarajata et al. Gage Moreno, Katarina Braun, et al. AIDS Vaccine Research Laboratories
EPI_ISL_906310, EPI_ISL_906317, EPI_ISL_906318, EPI_ISL_906319, EPI_ISL_906320, EPI_ISL_906322, EPI_ISL_906327, EPI_ISL_906329, EPI_ISL_906338, EPI_ISL_906353, EPI_ISL_906357, EPI_ISL_906362, EPI_ISL_906364, EPI_ISL_906370, EPI_ISL_906377, EPI_ISL_906380, EPI_ISL_906390, EPI_ISL_906392, EPI_ISL_906397, EPI_ISL_906407, EPI_ISL_906410, EPI_ISL_906415, EPI_ISL_906454, EPI_ISL_906455	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.
see above	Quest Diagnostics	Quest Diagnostics	Rosenthal,S.H., Gerasimova,A., Kagan,R.M., Anderson, B., Hua, M., Liu Y., Bernstein, L.E., Livingston, K.E., Perez, A., Shalhout, D.F., Shlyakhter, I.A., Owen, R., Tanpaiboon, P., Lacbawan, F.
EPI_ISL_906780, EPI_ISL_906781, EPI_ISL_906790, EPI_ISL_906792	Center for Genome Research and Biocomputing	Center for Genome Research and Biocomputing	Oregon State University TRACE Project
EPI_ISL_906922, EPI_ISL_906925, EPI_ISL_906928, EPI_ISL_906933, EPI_ISL_906937, EPI_ISL_906951, EPI_ISL_906955, EPI_ISL_906962, EPI_ISL_906965, EPI_ISL_906968, EPI_ISL_906969, EPI_ISL_906973, EPI_ISL_906974, EPI_ISL_906975, EPI_ISL_906977, EPI_ISL_906979, EPI_ISL_906982, EPI_ISL_906986, EPI_ISL_906989, EPI_ISL_906997, EPI_ISL_907001, EPI_ISL_907006, EPI_ISL_907007, EPI_ISL_907008, EPI_ISL_907010, EPI_ISL_907012, EPI_ISL_907018, EPI_ISL_907021, EPI_ISL_907022, EPI_ISL_907037, EPI_ISL_907038, EPI_ISL_907039, EPI_ISL_907043, EPI_ISL_907044, EPI_ISL_907046, EPI_ISL_907052, EPI_ISL_907062, EPI_ISL_907071, EPI_ISL_907072	Infectious Diseases, Quest Diagnostics	Infectious Diseases, Quest Diagnostics	Rosenthal,S.H., Gerasimova,A., Kagan,R.M., Anderson,B., Bernstein,L.E., Livingston,K.E., Hua,M., Liu,Y., Shalhout,D.F., Owen,R., Lacbawan,F.
see above	Infectious Diseases, Quest Diagnostics	Infectious Diseases, Quest Diagnostics	Rosenthal,S.H., Gerasimova,A., Kagan,R.M., Anderson,B., Bernstein,L.E., Livingston,K.E., Hua,M., Liu,Y., Shalhout,D.F., Owen,R., Lacbawan,F.
EPI_ISL_911590 EPI_ISL_911635	Clinical Molecular Microbiology Laboratory, UNC Hospitals Texas Department of State Health Services (TXDSHS)	Jeremy Wang Texas Department of State Health Services (TXDSHS)	Jeremy Wang, Alexander Rubinsteyn, Colleen Rice, Jason Smedberg, Melissa Miller, Corbin Jones, Robert Hagan 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_911704	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_911755, EPI_ISL_911782, EPI_ISL_911808, EPI_ISL_911811,	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_911837, EPI_ISL_911863, EPI_ISL_911864, EPI_ISL_911881 EPI_ISL_911960, EPI_ISL_911961 EPI_ISL_912011, EPI_ISL_912013, EPI_ISL_912022, EPI_ISL_912023, EPI_ISL_912024, EPI_ISL_912026, EPI_ISL_912028	Wyoming Public Health Laboratory Altius Institute for Biomedical Sciences	Wyoming Public Health Laboratory Seattle Flu Study	Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Bailey Bowcutt, and Wanda Manley Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Erica Ryke, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Ryan Alexander, Daniel Bates, Rebecca Bruders, Stephanie DeBaun, Clem Green, Muhammad Halimun, Jessica Halow, Kneshay Harper, Matt Hartman, Andrew Meuser, Alex Nguyen, Truong Nguyen, Sofia Olsson, Sadie Patraw, Hannah Petersen, Tobias Ragoczy, Joshua Richards, Jacob Rodriguez, John Stamatoyannopoulos, Julia Wald, Olivia Waltner, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Helen Y. Chu, Jay Shendure, Trevor Bedford
EPI_ISL_912046, EPI_ISL_912067, EPI_ISL_912094	Washington State Department of Health	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Erica Ryke, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Romesh Gautom, Geoff Melly, Brian Hiatt, Philip Dykema, Scott Lindquist, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Helen Y. Chu, Jay Shendure, Trevor Bedford
EPI_ISL_912122, EPI_ISL_912130, EPI_ISL_912131, EPI_ISL_912135, EPI_ISL_912138, EPI_ISL_912144, EPI_ISL_912155	Altius Institute for Biomedical Sciences	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Erica Ryke, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Ryan Alexander, Daniel Bates, Rebecca Bruders, Stephanie DeBaun, Clem Green, Muhammad Halimun, Jessica Halow, Kneshay Harper, Matt Hartman, Andrew Meuser, Alex Nguyen, Truong Nguyen, Sofia Olsson, Sadie Patraw, Hannah Petersen, Tobias Ragoczy, Joshua Richards, Jacob Rodriguez, John Stamatoyannopoulos, Julia Wald, Olivia Waltner, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Helen Y. Chu, Jay Shendure, Trevor Bedford
EPI_ISL_913125, EPI_ISL_913185, EPI_ISL_913193 EPI_ISL_913730 EPI_ISL_913889, EPI_ISL_913901	University of Michigan Clinical Microbiology Laboratory M Health Fairview TGen North	Lauring Lab, University of Michigan, Department of Microbiology and Immunology Minnesota Department of Health, Public Health Laboratory TGen North	Valesano Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang *Jolene Bowers, Megan Folkerts, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)*
EPI_ISL_914641 EPI_ISL_914896, EPI_ISL_914898, EPI_ISL_914899, EPI_ISL_914903, EPI_ISL_914907, EPI_ISL_914908, EPI_ISL_914909, EPI_ISL_914913, EPI_ISL_914917, EPI_ISL_914920, EPI_ISL_914921, EPI_ISL_914922, EPI_ISL_914923, EPI_ISL_914926, EPI_ISL_914927, EPI_ISL_914929, EPI_ISL_914934, EPI_ISL_914937, EPI_ISL_914939, EPI_ISL_914940, EPI_ISL_914941, EPI_ISL_914942, EPI_ISL_914943, EPI_ISL_914944, EPI_ISL_914946, EPI_ISL_914955, EPI_ISL_914958, EPI_ISL_914960, EPI_ISL_914961, EPI_ISL_914966, EPI_ISL_915196, EPI_ISL_915197, EPI_ISL_915198, EPI_ISL_915204, EPI_ISL_915205, EPI_ISL_915207, EPI_ISL_915208, EPI_ISL_915216, EPI_ISL_915217, EPI_ISL_915218, EPI_ISL_915222, EPI_ISL_915223, EPI_ISL_915224, EPI_ISL_915225, EPI_ISL_915228, EPI_ISL_915231, EPI_ISL_915233, EPI_ISL_915238, EPI_ISL_915243, EPI_ISL_915244, EPI_ISL_915246, EPI_ISL_915251, EPI_ISL_915254, EPI_ISL_915255, EPI_ISL_915257, EPI_ISL_915260, EPI_ISL_915261, EPI_ISL_915264, EPI_ISL_915268, EPI_ISL_915269, EPI_ISL_915273, EPI_ISL_915274, EPI_ISL_915275, EPI_ISL_915278, EPI_ISL_915283, EPI_ISL_915287, EPI_ISL_915292, EPI_ISL_915293, EPI_ISL_915294, EPI_ISL_915295, EPI_ISL_915299, EPI_ISL_915305, EPI_ISL_915315, EPI_ISL_915322, EPI_ISL_915330 see above	Santa Clara County Public Health Laboratory Quest Diagnostics	Santa Clara County Public Health Laboratory Quest Diagnostics	Santa Clara County Public Health Department 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_915434, EPI_ISL_915436 EPI_ISL_917941 EPI_ISL_917945, EPI_ISL_917946, EPI_ISL_917947	MD Laboratories Los Angeles County PHL MD Laboratories	Los Angeles County PHL Los Angeles County PHL Los Angeles County PHL	P. Hemarajata et al. P. Hemarajata et al. P. Hemarajata et al.
EPI_ISL_918180, EPI_ISL_918182, EPI_ISL_918203, EPI_ISL_918237, EPI_ISL_918243, EPI_ISL_918252, EPI_ISL_918257, EPI_ISL_918259 EPI_ISL_918496 EPI_ISL_925048, EPI_ISL_925050	Innovative Genomics Institute, UC Berkeley BSWMC-Marble Falls TXDSHS	Innovative Genomics Institute, UC Berkeley BSWMC-Temple Molecular TXDSHS	Stacia Wyman, Haridha Shivram, Phil Frankino, Liana Lareau, Shana McDevitt, Justin Choi Ari Rao, Linden Morales, Kimberly Walker, Shelby Hendrickson 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_925223, EPI_ISL_925228 EPI_ISL_925525, EPI_ISL_925527, EPI_ISL_925531, EPI_ISL_925532, EPI_ISL_925534, EPI_ISL_925826, EPI_ISL_925843 EPI_ISL_926801, EPI_ISL_927984, EPI_ISL_928648, EPI_ISL_928885 EPI_ISL_930789, EPI_ISL_930791 EPI_ISL_930794, EPI_ISL_930796, EPI_ISL_930800 EPI_ISL_931576 EPI_ISL_935185 EPI_ISL_936260	New Mexico Department of Health Scientific Laboratory Arizona State Public Health Laboratory Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark Monterey County Public Health Laboratory Monterey County Public Health Laboratory Utah Public Health Laboratory Wyoming Public Health Laboratory MONTEFIORE MEDICAL CENTER LABORATORIES	New Mexico Department of Health Scientific Laboratory Arizona State Public Health Laboratory Aalborg University Monterey County Public Health Laboratory Monterey County Public Health Laboratory Utah Public Health Laboratory Wyoming Public Health Laboratory Wadsworth Center, New York State Department of Health	Ellie Johnson, Anastacia Griego-Fisher, D'eldra Malone, Jennifer Benoit Trung Huynh, Jessica Escobar, Katherine Fullerton, Nobuko Fukushima, Stacy White, Linda Getsinger, Victor Waddell Danish Covid-19 Genome Consortium C. Anaya et al., C. Anaya et al. Erin L. Young, Kelly F. Oakeson, Tara Gallagher Noah Hull, Taylor Fearing, Lynette Gumbleton, Channing Weber, Ashley Norberg, Bailey Bowcutt, and Wanda Manley 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_936411, EPI_ISL_936428, EPI_ISL_936444 EPI_ISL_936493 EPI_ISL_936879, EPI_ISL_936903, EPI_ISL_936909, EPI_ISL_936924, EPI_ISL_936945, EPI_ISL_936947, EPI_ISL_936973, EPI_ISL_937011, EPI_ISL_937012, EPI_ISL_937014 EPI_ISL_937127 EPI_ISL_937148, EPI_ISL_937149 EPI_ISL_937227, EPI_ISL_937231 EPI_ISL_937480, EPI_ISL_937481, EPI_ISL_937482, EPI_ISL_937483, EPI_ISL_937484, EPI_ISL_937485, EPI_ISL_937486	TGen North Santa Clara County Public Health Laboratory Northwestern Memorial Hospital DOHMH Riverside DOHMH Jamaica DOHMH Corona Maine Health and Environmental Testing Laboratory (Maine HETL)	TGen North Santa Clara County Public Health Laboratory Ozer Lab New York City Public Health Laboratory New York City Public Health Laboratory New York City Public Health Laboratory Tewhey Lab, The Jackson Laboratory	Jolene Bowers, Megan Folkerts, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU) Santa Clara County Public Health Department Ramon Lorenzo-Redondo, Lacy M. Simons, Chad J. Achenbach, Lawrence J. Jennings, Michael G. Ison, Judd F. Hultquist, Egon A. Ozer Jade Wang, et al. Jade Wang, et al. Jade Wang, et al. Matluk,N., Dewey,H., Iosue,F., Barter,M., Lynch,R., Munger,H. and Tewhey,R.

EPI_ISL_939610, EPI_ISL_939612, EPI_ISL_939613, EPI_ISL_939614, EPI_ISL_939616, EPI_ISL_939618	Los Angeles County PHL	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_941309, EPI_ISL_941317	New Mexico Department of Health Scientific Laboratory	New Mexico Department of Health Scientific Laboratory	Ellie Johnson, Anastacia Griego-Fisher, D'eldra Malone, Jennifer Benoit
EPI_ISL_942331	MD PHL	MD PHL	Maryland Department of Health Laboratories Administration
EPI_ISL_942855, EPI_ISL_942866	Gundersen Molecular Diagnostics Laboratory	Kabara Cancer Research Institute	Craig S. Richmond, Paraic A. Kenny
EPI_ISL_942920, EPI_ISL_942921	Houston Health Dept.	Houston Health Dept.	Ryker Penn, Pamela Brown, Adolpho Lara
EPI_ISL_943823, EPI_ISL_943827, EPI_ISL_943831, EPI_ISL_943841, EPI_ISL_943849, EPI_ISL_943851, EPI_ISL_943865, EPI_ISL_943878, EPI_ISL_943888, EPI_ISL_943893, EPI_ISL_943962, EPI_ISL_943966			
see above	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin L. Young, Kelly F. Oakeson, Tara Gallagher
EPI_ISL_944484	Israel Central Virology laboratory	Israel National Consortium for SARS-CoV-2 sequencing	Neta Zuckerman, Efrat Dahan Bucris, Michal Mandelboim, Dana Bar-Ilan, Oran Erster, Tzvia Mann, Omer Murik, David A. Zeevi, Assaf Rokney, Joseph Jaffe, Eva Nachum, Maya Davidovich Cohen, Ephraim Fass, Gal Zizelski Valenci, Mor Rubinstein, Efrat Rorman, Israel Nissan, Efrat Glick-Saar, Omri Nayshool, Gideon Rechavi, Ella Mendelson, Orna Mor
EPI_ISL_944600	Connecticut Department of Public Health	Grubaugh Lab - Yale School of Public Health	Joseph Fauver, Tara Alpert, Anderson Brito, Mallery Breban, Anne Wyllie, Chantal Vogels, Mary Petrone, Annie Watkins, Chaney Kalinich, Isabel Ott, Nathan Grubaugh
EPI_ISL_954823, EPI_ISL_954832, EPI_ISL_954853, EPI_ISL_954962, EPI_ISL_954979, EPI_ISL_954998, EPI_ISL_955012, EPI_ISL_955013, EPI_ISL_955019	Colorado Department of Public Health and Environment	Colorado Department of Puplic Health and Environment	Laura Bankers, Molly C. Hetherington-Rauth, Diana Ir, Shannon Ely, Shannon R. Matzinger, Sarah Elizabeth Totten, Emily A. Travanty
EPI_ISL_955330	GA Department of Public Health Laboratory	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao, Jing Zhang, Yan Li, Krista Queen, Anna Uehara, Peter Cook, Clinton R. Paden, Haibin Wang, Suxiang Tong
EPI_ISL_955401, EPI_ISL_955412, EPI_ISL_955426	Alameda County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_955427, EPI_ISL_955428, EPI_ISL_955429, EPI_ISL_955430, EPI_ISL_955431, EPI_ISL_955432, EPI_ISL_955433, EPI_ISL_955435, EPI_ISL_955436, EPI_ISL_955438, EPI_ISL_955439, EPI_ISL_955440, EPI_ISL_955441, EPI_ISL_955442, EPI_ISL_955443, EPI_ISL_955445, EPI_ISL_955447, EPI_ISL_955448, EPI_ISL_955450, EPI_ISL_955451, EPI_ISL_955452, EPI_ISL_955454, EPI_ISL_955455, EPI_ISL_955456, EPI_ISL_955457, EPI_ISL_955458, EPI_ISL_955460, EPI_ISL_955461, EPI_ISL_955462, EPI_ISL_955463, EPI_ISL_955464, EPI_ISL_955465, EPI_ISL_955466, EPI_ISL_955467, EPI_ISL_955469, EPI_ISL_955470, EPI_ISL_955471, EPI_ISL_955472, EPI_ISL_955473, EPI_ISL_955474, EPI_ISL_955475, EPI_ISL_955476, EPI_ISL_955478, EPI_ISL_955479, EPI_ISL_955482, EPI_ISL_955484, EPI_ISL_955485, EPI_ISL_955486, EPI_ISL_955487, EPI_ISL_955488, EPI_ISL_955490, EPI_ISL_955491			
see above	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_955767, EPI_ISL_955772, EPI_ISL_955773	Humboldt County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_955803, EPI_ISL_955813, EPI_ISL_955822, EPI_ISL_955826, EPI_ISL_955828	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano
EPI_ISL_956327, EPI_ISL_956329, EPI_ISL_956330, EPI_ISL_956331	Laboratory Medicine	Department of Laboratory Medicine, Lin-Kou Chang Gung Memorial Hospital, Taoyuan, Taiwan	Kuo-Chien Tsao, Yu-Nong Gong, Shu-Li Yang, Yi-Chun Liu, Chung-Guei Huang, Mei-Jen Hsiao, Po-Wei Huang, Cheng-Ta Yang, Cheng-Hsun Chiu, Peng-Nien Huang, Kuo-Ming Lee, Guang-Wu Chen, Shin-Ru Shih
EPI_ISL_961520, EPI_ISL_961531, EPI_ISL_961539	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_961940	Illinois Department of Public Health	Gagnon Lab, Southern Illinois University	Keith Gagnon
EPI_ISL_962275, EPI_ISL_962290	Seattle Flu Study	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Erica Ryke, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Karen Cowgill, Stephanie Schrag, Jeff Duchin, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Helen Y. Chu, Trevor Bedford, Jay Shendure
EPI_ISL_962313, EPI_ISL_962319, EPI_ISL_962320, EPI_ISL_962324, EPI_ISL_962359, EPI_ISL_962364	Altius Institute for Biomedical Sciences	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Erica Ryke, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Ryan Alexander, Daniel Bates, Rebecca Bruders, Stephanie DeBaun, Clem Green, Muhammad Halimun, Jessica Halow, Kneshay Harper, Matt Hartman, Andrew Meuser, Alex Nguyen, Truong Nguyen, Sofia Olsson, Sadie Patraw, Hannah Petersen, Tobias Ragoczy, Joshua Richards, Jacob Rodriguez, John Stamatoyannopoulos, Julia Wald, Olivia Waltner, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Helen Y. Chu, Jay Shendure, Trevor Bedford
EPI_ISL_962369, EPI_ISL_962370	Seattle Flu Study	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Erica Ryke, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Karen Cowgill, Stephanie Schrag, Jeff Duchin, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Helen Y. Chu, Trevor Bedford, Jay Shendure
EPI_ISL_962384, EPI_ISL_962399, EPI_ISL_962401, EPI_ISL_962404, EPI_ISL_962410, EPI_ISL_962413, EPI_ISL_962421, EPI_ISL_962425, EPI_ISL_962430, EPI_ISL_962435, EPI_ISL_962437			
see above	Washington State Department of Health	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Erica Ryke, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Romesh Gautom, Geoff Melly, Brian Hiatt, Philip Dykema, Scott Lindquist, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Helen Y. Chu, Jay Shendure, Trevor Bedford
EPI_ISL_962451, EPI_ISL_962460, EPI_ISL_962462, EPI_ISL_962464, EPI_ISL_962467	Seattle Flu Study	Seattle Flu Study	Deborah A. Nickerson, Chris D. Frazar, Jover Lee, Benjamin Pelle, Erica Ryke, Matthew Richardson, Amanda Adler, Elisabeth Brandstetter, Peter D. Han, Kairsten Fay, Misja Ilcisin, Kirsten Lacombe, Thomas R. Sibley, Melissa Truong, Caitlin R. Wolf, Karen Cowgill, Stephanie Schrag, Jeff Duchin, Michael Boeckh, Janet A. Englund, Michael Famulare, Barry R. Lutz, Mark J. Rieder, Lea M. Starita, Matthew Thompson, Helen Y. Chu, Trevor Bedford, Jay Shendure
EPI_ISL_962517, EPI_ISL_962518, EPI_ISL_962519	VA Medical Center	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_962587, EPI_ISL_962588, EPI_ISL_962589, EPI_ISL_962593, EPI_ISL_962595, EPI_ISL_962596, EPI_ISL_962601, EPI_ISL_962619, EPI_ISL_962624, EPI_ISL_962625, EPI_ISL_962630, EPI_ISL_962631, EPI_ISL_962633, EPI_ISL_962638, EPI_ISL_962639, EPI_ISL_962641, EPI_ISL_962644, EPI_ISL_962645			
see above	Scripps Medical Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Michael Quigley, Ellen Stefanski, Ian Mchardy
EPI_ISL_962651, EPI_ISL_962652, EPI_ISL_962659, EPI_ISL_962663, EPI_ISL_962665, EPI_ISL_962672, EPI_ISL_962678, EPI_ISL_962683, EPI_ISL_962685, EPI_ISL_962688, EPI_ISL_962702, EPI_ISL_962707, EPI_ISL_962713, EPI_ISL_962720, EPI_ISL_962723, EPI_ISL_962726, EPI_ISL_962727, EPI_ISL_962736, EPI_ISL_962739, EPI_ISL_962740, EPI_ISL_962744, EPI_ISL_962747, EPI_ISL_962752, EPI_ISL_962755, EPI_ISL_962757			
see above	Sharp HealthCare Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Aaron Harding, Jacquelyn Berumen, Cathy Woerle, Liam McGinnis, Art Mendoza, Omid Bakhtar
EPI_ISL_962834, EPI_ISL_962835, EPI_ISL_962837, EPI_ISL_962841, EPI_ISL_962842, EPI_ISL_962843, EPI_ISL_962844, EPI_ISL_962845	UCLA Clinical Micro Lab	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_962847	MD Laboratories	Los Angeles County PHL	P. Hemarajata et al.

EPI_ISL_962848, EPI_ISL_962849, EPI_ISL_962854, EPI_ISL_962856, EPI_ISL_962858, EPI_ISL_962859, EPI_ISL_962861, EPI_ISL_962865, EPI_ISL_962866, EPI_ISL_962867	Los Angeles County PHL	Los Angeles County PHL	P. Hemarajata et al.
EPI_ISL_965049, EPI_ISL_965076, EPI_ISL_965080, EPI_ISL_965101	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_965906	Clinical Molecular Microbiology Laboratory, UNC Hospitals	Jeremy Wang	Jeremy Wang, Alexander Rubinstein, Colleen Rice, Jason Smedberg, Shawn Hawken, Melissa Miller, Corbin Jones, Robert Hagan
EPI_ISL_966451	DOHMH Morrisania	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_966470	OCME Office Of Chief Medical Examiner	New York City Public Health Laboratory	Jade Wang, et al.
EPI_ISL_966605	NYU Langone Health	Departments of Pathology and Medicine, New York University School of Medicine	Adriana Heguy, Dacia Dimartino, Emily Guzman, Christian Marier, Peter Meyn, Sitharam Ramaswami, Gael Westby, Paul Zappile, Yutong Zhang, Paolo Cotzia, Guiqing Wang
EPI_ISL_966615, EPI_ISL_966619, EPI_ISL_966620, EPI_ISL_966624, EPI_ISL_966626, EPI_ISL_966627, EPI_ISL_966628, EPI_ISL_966633, EPI_ISL_966634, EPI_ISL_966635, EPI_ISL_966639, EPI_ISL_966653, EPI_ISL_966665, EPI_ISL_966681, EPI_ISL_966683, EPI_ISL_966686, EPI_ISL_966709, EPI_ISL_966720, EPI_ISL_966733, EPI_ISL_966747, EPI_ISL_966752			
see above	Helix/Illumina	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook,Dakota Howard,Dhwani Batra,Ben L. Rambo-Martin,Eileen de Feo,Jan Antico,Christine Tran,Matthew Tolentino,Shannon Wickline,Kim Gietzen,Brad Sickler,Jingtao Liu,Eric Allen,Phil Febbo,Summer Galloway,Nicole L. Washington,Simon White,Geraint Levan,Kelly Schiabor Barrett,Elizabeth Cirulli,Alexandre Bolze,Ary Ascencio,Charlotte Rivera-Garcia,Ryan Cho,Jason Nguyen,Sherry Wang,Jimmy Ramirez,Tyler Cassens,Efren Sandoval,Magnus Isaksson,William Lee,David Becker,Marc Laurent,James Lu,Clinton R. Paden,Suxiang Tong,Duncan MacCannell, Matluk,N., Dewey,H., Iosue,F., Barter,M., Lynch,R., Munger,H. and Tewhey,R.
EPI_ISL_966805, EPI_ISL_966848	Maine HETL	Tewhey Lab, The Jackson Laboratory	
EPI_ISL_966852, EPI_ISL_966855, EPI_ISL_966858, EPI_ISL_966860, EPI_ISL_966861, EPI_ISL_966862, EPI_ISL_966891, EPI_ISL_966907, EPI_ISL_966908, EPI_ISL_966909, EPI_ISL_966924, EPI_ISL_966925, EPI_ISL_966942, EPI_ISL_966965, EPI_ISL_966980, EPI_ISL_966984, EPI_ISL_966985, EPI_ISL_966986, EPI_ISL_966993, EPI_ISL_967003, EPI_ISL_967050, EPI_ISL_967058, EPI_ISL_967060, EPI_ISL_967061, EPI_ISL_967064, EPI_ISL_967073, EPI_ISL_967091, EPI_ISL_967108, EPI_ISL_967116, EPI_ISL_967143, EPI_ISL_967175, EPI_ISL_967218, EPI_ISL_967220, EPI_ISL_967226, EPI_ISL_967235, EPI_ISL_967303, EPI_ISL_967346, EPI_ISL_967369, EPI_ISL_967376, EPI_ISL_967388, EPI_ISL_967407, EPI_ISL_967416, EPI_ISL_967437, EPI_ISL_967440, EPI_ISL_967451, EPI_ISL_967454, EPI_ISL_967456, EPI_ISL_967460, EPI_ISL_967464, EPI_ISL_967487, EPI_ISL_967488, EPI_ISL_967489, EPI_ISL_967490, EPI_ISL_967493, EPI_ISL_967494, EPI_ISL_967505, EPI_ISL_967514, EPI_ISL_967521, EPI_ISL_967537			
see above	Helix/Illumina	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook,Dakota Howard,Dhwani Batra,Ben L. Rambo-Martin,Eileen de Feo,Jan Antico,Christine Tran,Matthew Tolentino,Shannon Wickline,Kim Gietzen,Brad Sickler,Jingtao Liu,Eric Allen,Phil Febbo,Summer Galloway,Nicole L. Washington,Simon White,Geraint Levan,Kelly Schiabor Barrett,Elizabeth Cirulli,Alexandre Bolze,Ary Ascencio,Charlotte Rivera-Garcia,Ryan Cho,Jason Nguyen,Sherry Wang,Jimmy Ramirez,Tyler Cassens,Efren Sandoval,Magnus Isaksson,William Lee,David Becker,Marc Laurent,James Lu,Clinton R. Paden,Suxiang Tong,Duncan MacCannell, Pamela O'Brien, Drew Kuwazaki, Ayana Garnet, Razvan Sultana, Edward Desmond
EPI_ISL_967696, EPI_ISL_967712, EPI_ISL_967734, EPI_ISL_967746, EPI_ISL_967766	State Laboratories Division, Hawaii State Department of Health	State Laboratories Division, Hawaii State Department of Health	
EPI_ISL_967780, EPI_ISL_967781, EPI_ISL_967785, EPI_ISL_967805, EPI_ISL_967809, EPI_ISL_967819, EPI_ISL_967849, EPI_ISL_967860	Helix/Illumina	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook,Dakota Howard,Dhwani Batra,Ben L. Rambo-Martin,Eileen de Feo,Jan Antico,Christine Tran,Matthew Tolentino,Shannon Wickline,Kim Gietzen,Brad Sickler,Jingtao Liu,Eric Allen,Phil Febbo,Summer Galloway,Nicole L. Washington,Simon White,Geraint Levan,Kelly Schiabor Barrett,Elizabeth Cirulli,Alexandre Bolze,Ary Ascencio,Charlotte Rivera-Garcia,Ryan Cho,Jason Nguyen,Sherry Wang,Jimmy Ramirez,Tyler Cassens,Efren Sandoval,Magnus Isaksson,William Lee,David Becker,Marc Laurent,James Lu,Clinton R. Paden,Suxiang Tong,Duncan MacCannell, Trung Huynh, Jessica Escobar, Katherine Fullerton, Nobuko Fukushima, Stacy White, Linda Getsinger, Victor Waddell
EPI_ISL_967883	Arizona State Public Health Laboratory	Arizona State Public Health Laboratory	
EPI_ISL_967887, EPI_ISL_967908	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_967922, EPI_ISL_967932	TGen North	Sonora Quest Laboratories	"Jolene Bowers, Megan Folkerts, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)"
EPI_ISL_968044	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_968046, EPI_ISL_968058	TGen North	Sonora Quest Laboratories	"Jolene Bowers, Megan Folkerts, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)"
EPI_ISL_968069, EPI_ISL_968070, EPI_ISL_968071, EPI_ISL_968072, EPI_ISL_968073, EPI_ISL_968074, EPI_ISL_968075, EPI_ISL_968076	Monterey County Public Health Laboratory	Monterey County Public Health Laboratory	Monterey County Public Health Laboratory
EPI_ISL_972755, EPI_ISL_972791, EPI_ISL_973711	Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark	Aalborg University	Danish Covid-19 Genome Consortium
EPI_ISL_976880	BCCDC Public Health Laboratory	BCCDC Public Health Laboratory	Prystajecy Natalie, Linda Hoang, Dan Fornika, John Tyson, Shannon Russell, Kim Macdonald, Kimia Kamelian, Ana Pacagnella, Corrinne Ng, Loretta Janz, Robert Azana Terry Snutch, Mel Krajden
EPI_ISL_977122, EPI_ISL_977123, EPI_ISL_977130, EPI_ISL_977134, EPI_ISL_977135, EPI_ISL_977136, EPI_ISL_977137, EPI_ISL_977141, EPI_ISL_977142	Flow Health	Infectious Disease Program, Broad Institute of Harvard and MIT	Lemieux,J.E., Siddle,K.J., Adams,G., Gladden-Young,A., Lagerborg,K., Rudy,M., DeRuff,K., Carter,A., Normandin,E., Bauer,M., Reilly,S., Tomkins-Tinch,C., Loreth,C., Chaluvadi,S., Birren,B.W., Gallagher,G., Smole,S., Park,D.J., MacInnis,B.L., and Sabeti,P.C.
EPI_ISL_977929, EPI_ISL_977930, EPI_ISL_977932, EPI_ISL_977934, EPI_ISL_977944, EPI_ISL_977950, EPI_ISL_977951, EPI_ISL_977956, EPI_ISL_978078, EPI_ISL_978085, EPI_ISL_978141, EPI_ISL_978142, EPI_ISL_978149			
see above	Chiu Laboratory, University of California, San Francisco	Chiu Laboratory, University of California, San Francisco	Charles Chiu, Xianding (Wayne) Deng, Candace Wang, Venice Servellita, Jill Hacker, Debra Wadford
EPI_ISL_978286, EPI_ISL_978320, EPI_ISL_978321, EPI_ISL_978324	Texas Department of State Health Services	Texas Department of State Health Services	Bonnie Oh, Anita Pokharel, James Daniel Bonser, Myong Koag, Chung Wang, Rachel Lee, Grace Kubin, Rashmi Tuladhar, Mayela Pedrueza, Maliha Rahman, Jenny Zhang
EPI_ISL_978353, EPI_ISL_978366, EPI_ISL_978383, EPI_ISL_978401, EPI_ISL_978441, EPI_ISL_978444, EPI_ISL_978453, EPI_ISL_978458, EPI_ISL_978466, EPI_ISL_978467, EPI_ISL_978469, EPI_ISL_978470, EPI_ISL_978471, EPI_ISL_978472, EPI_ISL_978473, EPI_ISL_978474, EPI_ISL_978479			
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_978553	Kansas Health and Environmental Lab	Kansas Health and Environmental Lab	Mike Grose, Paige Drury, Carissa Robertson, Ben Olsen, and Phil Adam
EPI_ISL_978557, EPI_ISL_978562, EPI_ISL_978564, EPI_ISL_978565, EPI_ISL_978569, EPI_ISL_978572, EPI_ISL_978585, EPI_ISL_978589, EPI_ISL_978597, EPI_ISL_978611, EPI_ISL_978639, EPI_ISL_978640, EPI_ISL_978641, EPI_ISL_978660, EPI_ISL_978694, EPI_ISL_978720, EPI_ISL_978727, EPI_ISL_978729, EPI_ISL_978734, EPI_ISL_978787			
see above	Helix/Illumina	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Peter W. Cook,Dakota Howard,Dhwani Batra,Ben L. Rambo-Martin,Eileen de Feo,Jan Antico,Christine Tran,Matthew Tolentino,Shannon Wickline,Kim Gietzen,Brad Sickler,Jingtao Liu,Eric Allen,Phil Febbo,Summer Galloway,Nicole L. Washington,Simon White,Geraint Levan,Kelly Schiabor Barrett,Elizabeth Cirulli,Alexandre Bolze,Ary Ascencio,Charlotte Rivera-Garcia,Ryan Cho,Jason Nguyen,Sherry Wang,Jimmy Ramirez,Tyler Cassens,Efren Sandoval,Magnus Isaksson,William Lee,David Becker,Marc Laurent,James Lu,Clinton R. Paden,Suxiang Tong,Duncan MacCannell, Nikita S. D. Sahadeo, Arianne Brown-Jordan, Vernie Ramkissoon, Sarah Hill, Naresh Nandram, Avery Hinds, Irad Potter, Jerome Foster, Stanley Giddings, Karla Georges, Marsha Ivey, Rahul Naidu, Risha Singh, SueMin Nathaniel, Rajini Haraksingh, Jaya Jayaraman, Chinna Chinnadurai, Aadesh Ramsubhag, Nuno Faria, Oliver Pybus, Christopher Oura, Gabriel Escobar, Christine V. F. Carrington
EPI_ISL_978936	Caribbean Public Health Agency	Carrington Lab, Department of PreClinical Sciences, Building 36, First Floor Biochemistry Unit, Faculty of Medical Sciences, The University of the West Indies	

EPI_ISL_979056, EPI_ISL_979057, EPI_ISL_979058, EPI_ISL_979059, EPI_ISL_979076, EPI_ISL_979084, EPI_ISL_979088, EPI_ISL_979131, EPI_ISL_979138, EPI_ISL_979139, EPI_ISL_979140, EPI_ISL_979142			
see above	Santa Clara County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Ctlahub Consortium
EPI_ISL_979342	Laboratorio Estatal de Salud Pública de Nuevo León	Laboratorio de Infectología Molecular, Departamento de Bioquímica y Medicina Molecular, Facultad de Medicina - Universidad Autónoma de Nuevo León	Kame A. Galán-Huerta, María F. Herrera-Saldivar, Natalia Martínez-Acuña, Sonia A. Lozano-Sepúlveda, Daniel Arellanos-Soto, Ana M. Rivas-Estilla, Samuel Buentello-Wong, Else del Carmen García-García, Gloria A. Jasso-de-la-Peña, Roberto Montes-de-Oca, Consuelo Treviño-Garza, Manuel E. de-la-O-Cavazos
EPI_ISL_979442, EPI_ISL_979443, EPI_ISL_979445	New Mexico Department of Health Scientific Laboratory	New Mexico Department of Health Scientific Laboratory	Ellie Johnson, Anastacia Griego-Fisher, D'eldra Malone, Jennifer Benoit
EPI_ISL_979692, EPI_ISL_979693, EPI_ISL_979694, EPI_ISL_979695, EPI_ISL_979696, EPI_ISL_979697, EPI_ISL_979698, EPI_ISL_979699, EPI_ISL_979700, EPI_ISL_979702, EPI_ISL_979708, EPI_ISL_979709			
see above	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Ctlahub Consortium
EPI_ISL_980842, EPI_ISL_980846, EPI_ISL_980847, EPI_ISL_980855, EPI_ISL_980856, EPI_ISL_980867, EPI_ISL_980871, EPI_ISL_980872, EPI_ISL_980873, EPI_ISL_980874, EPI_ISL_980875, EPI_ISL_980879, EPI_ISL_980880, EPI_ISL_980881, EPI_ISL_980882, EPI_ISL_980883, EPI_ISL_980884, EPI_ISL_980894, EPI_ISL_980896, EPI_ISL_980900, EPI_ISL_980914, EPI_ISL_980918, EPI_ISL_980933, EPI_ISL_980938, EPI_ISL_980945, EPI_ISL_980946, EPI_ISL_980948, EPI_ISL_980949, EPI_ISL_980953, EPI_ISL_980955, EPI_ISL_980959, EPI_ISL_980964, EPI_ISL_980967, EPI_ISL_980968, EPI_ISL_980969, EPI_ISL_980971, EPI_ISL_980987, EPI_ISL_980989, EPI_ISL_981003			
see above	Innovative Genomics Institute, UC Berkeley	Innovative Genomics Institute, UC Berkeley	Stacia Wyman, Haridha Shivram, Phil Frankino, Liana Lareau
EPI_ISL_981077, EPI_ISL_981083, EPI_ISL_981138	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_981978	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_981979	TGen North	Sonora Quest Laboratories	"Jolene Bowers, Megan Folkerts, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)"
EPI_ISL_981982	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_981991	TGen North	Sonora Quest Laboratories	"Jolene Bowers, Megan Folkerts, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)"
EPI_ISL_981996, EPI_ISL_982001, EPI_ISL_982003	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_982018	TGen North	Sonora Quest Laboratories	"Jolene Bowers, Megan Folkerts, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)"
EPI_ISL_982026, EPI_ISL_982027, EPI_ISL_982029, EPI_ISL_982043, EPI_ISL_982047, EPI_ISL_982052, EPI_ISL_982053, EPI_ISL_982057, EPI_ISL_982063, EPI_ISL_982078	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_982083, EPI_ISL_982094	TGen North	Sonora Quest Laboratories	"Jolene Bowers, Megan Folkerts, Chris French, Hayley Yaglom, Ashlyn Pfeiffer, Darrin Lemmer, Dave Engelthaler, The Arizona COVID Genomics Union (ACGU)"
EPI_ISL_982115	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_982381	M Health Fairview	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_982560, EPI_ISL_982571, EPI_ISL_982583, EPI_ISL_982600, EPI_ISL_982619, EPI_ISL_982670, EPI_ISL_982674, EPI_ISL_982678, EPI_ISL_982741, EPI_ISL_982758	US Air Force School of Aerospace Medicine	US Air Force School of Aerospace Medicine	Anthony Fries, Jennifer Meyer, William Gruner, William Buggele, Amanda Javorina, Sarah Purves, Clarise Starr, Elizabeth Macias
EPI_ISL_982959	University Health Network/Mount Sinai Hospital Department of Microbiology	Ontario Institute for Cancer Research	Marie-Ming Aynaud, Javier Hernandez, Seda Barutcu, Kin Chan, Jessica Bourke, Marc Mazzulli, Tony Mazzulli, Laurence Pelletier, Jeff Wrana, Aimee Paterson, Angel Liu, Allison McGeer, Patryk Aftanas, Kuganya Nirmalarajah, Samira Mubareka, Ilinca Lungu, Cassandra Bergwerff, Lubaina Kothari, Bernard Lam, Paul Krzyzanowski, Michael Laszloffy, Lawrence E. Heisler, Richard de Borja, Jared T. Simpson
EPI_ISL_983144, EPI_ISL_983169	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_983372, EPI_ISL_983373	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin L. Young, Kelly F. Oakeson, Tara Gallagher
EPI_ISL_983465	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_983591, EPI_ISL_983592, EPI_ISL_983593, EPI_ISL_983594, EPI_ISL_983597, EPI_ISL_983603, EPI_ISL_983612	Texas Department of State Health Services	Texas Department of State Health Services	Bonnie Oh, Anita Pokharel, James Daniel Bonser, Myong Koag, Chung Wang, Rachel Lee, Grace Kubin, Rashmi Tuladhar, Mayela Pedrueza, Maliha Rahman, Jenny Zhang
EPI_ISL_983657, EPI_ISL_983674	Vault Health	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz, Jacob Garfin, Matt Plumb, and Xiong Wang
EPI_ISL_983707, EPI_ISL_983713, EPI_ISL_983716, EPI_ISL_983740, EPI_ISL_983755, EPI_ISL_983823, EPI_ISL_983828	Colorado Department of Public Health and Environment	Colorado Department of Puplic Health and Environment	Laura Bankers, Molly C. Hetherington-Rauth, Diana Ir, Shannon Ely, Shannon R. Matzinger, Sarah Elizabeth Totten, Emily A. Travanty
EPI_ISL_984181, EPI_ISL_984184, EPI_ISL_984187, EPI_ISL_984238	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Wisconsin State Laboratory of Hygiene Communicable Disease Division	Kelsey R. Florek, Abigail C. Shockey
EPI_ISL_984347, EPI_ISL_984354, EPI_ISL_984360, EPI_ISL_984364, EPI_ISL_984371, EPI_ISL_984373, EPI_ISL_984374, EPI_ISL_984379, EPI_ISL_984381, EPI_ISL_984383, EPI_ISL_984446, EPI_ISL_984447, EPI_ISL_984448, EPI_ISL_984450, EPI_ISL_984459, EPI_ISL_984460, EPI_ISL_984465, EPI_ISL_984467, EPI_ISL_984468, EPI_ISL_984469, EPI_ISL_984471, EPI_ISL_984473, EPI_ISL_984474, EPI_ISL_984475, EPI_ISL_984478, EPI_ISL_984479, EPI_ISL_984480, EPI_ISL_984481, EPI_ISL_984482, EPI_ISL_984485, EPI_ISL_984486, EPI_ISL_984489			
see above	California Department of Public Health	Chiu Laboratory, University of California, San Francisco	Charles Chiu, Xianding (Wayne) Deng, Candace Wang, Venice Servellita, Jill Hacker, Debra Wadford
EPI_ISL_985140	School of Pharmacy, Shenandoah University	School of Pharmacy, Shenandoah University	Adams,S.M., Harralson,A.F., Kidd,R.S., Sawyer,G.W.
EPI_ISL_985267, EPI_ISL_985270	Delaware Public Health Laboratory (DPHL)	Delaware Public Health Lab	Gregory Hovan
EPI_ISL_995082, EPI_ISL_995162	Pandemic Response Lab - NYC	Pandemic Response Lab, R&D	Henry Lee, Michael Hammerling, Melissa Hopkins, Cybill del Castillo, William Ward, Pradeep Bugga, Haiping Hao, Jon Laurent
EPI_ISL_995474	Hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet, Sylvie Behillili, Méline Bizard, Angela Brisebarre, Camille Capel, Etienne Simon-Lorière, Vincent Enouf, Maud Vanpeeene, Sylvie van der Werf, Delamare Catherine
EPI_ISL_995976	Department of Virology and Immunology, University of Helsinki and Helsinki University Hospital, Huslab Finland	Department of Virology, Faculty of Medicine, University of Helsinki, Helsinki, Finland	Teemu Smura, Ravi Kant, Phuoc Truong, Hussein Alburkat, Hannimari Kallio-Kokko, Jenni Virtanen, Maija Suvanto, Essi Korhonen, Sari Hannula, Harri Kangas, Hanna Liimatainen, Satu Kerkela, Hanna Jarva, Maija Lappalainen, Pekka Ellonen, Olli Vapalahti

