

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.

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EPI_ISL_1318488, EPI_ISL_1318489, EPI_ISL_1318490, EPI_ISL_1318491, EPI_ISL_1318492, EPI_ISL_1318493, EPI_ISL_1318494, EPI_ISL_1318495, EPI_ISL_1318496, EPI_ISL_1318497, EPI_ISL_1318498, EPI_ISL_1318499, EPI_ISL_1318500, EPI_ISL_1678185, EPI_ISL_1678186, EPI_ISL_1678187, EPI_ISL_1678188, EPI_ISL_1678189, EPI_ISL_1678190, EPI_ISL_1678191, EPI_ISL_1678192, EPI_ISL_1678193, EPI_ISL_1678194, EPI_ISL_1678195, EPI_ISL_1678196, EPI_ISL_1678197, EPI_ISL_1678198, EPI_ISL_1678199, EPI_ISL_1678200, EPI_ISL_1678201, EPI_ISL_1678202, EPI_ISL_1678203, EPI_ISL_1678204, EPI_ISL_1678205, EPI_ISL_1678206, EPI_ISL_1678207, EPI_ISL_1678208, EPI_ISL_1678209, EPI_ISL_1678210, EPI_ISL_1678211, EPI_ISL_1678212, EPI_ISL_1678347, EPI_ISL_1678348, EPI_ISL_1678349, EPI_ISL_1937786, EPI_ISL_1937787, EPI_ISL_1937788, EPI_ISL_1937789, EPI_ISL_1937790, EPI_ISL_1937791, EPI_ISL_1937792, EPI_ISL_1937793, EPI_ISL_1937794, EPI_ISL_2787708, EPI_ISL_2787711, EPI_ISL_2787713, EPI_ISL_2787716, EPI_ISL_2787719, EPI_ISL_2787721, EPI_ISL_2787724, EPI_ISL_2787727, EPI_ISL_2787730, EPI_ISL_2787732, EPI_ISL_2787735, EPI_ISL_2987090, EPI_ISL_2987091, EPI_ISL_2987092, EPI_ISL_2987093, EPI_ISL_2987094, EPI_ISL_2987095			
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EPI_ISL_1445346, EPI_ISL_1551161, EPI_ISL_1690124, EPI_ISL_1690145, EPI_ISL_1997297, EPI_ISL_2039519, EPI_ISL_2090454, EPI_ISL_2149190, EPI_ISL_2185773, EPI_ISL_2185774, EPI_ISL_2202469, EPI_ISL_2242071, EPI_ISL_2280556, EPI_ISL_2281063, EPI_ISL_2283883, EPI_ISL_2368306, EPI_ISL_2687040, EPI_ISL_2687390, EPI_ISL_2687391, EPI_ISL_2687541, EPI_ISL_2687542, EPI_ISL_2784771, EPI_ISL_2785153, EPI_ISL_2785462			
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EPI_ISL_1575781, EPI_ISL_1592975, EPI_ISL_1679246, EPI_ISL_2098253, EPI_ISL_2159835, EPI_ISL_2159880, EPI_ISL_2320074, EPI_ISL_2320864			
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EPI_ISL_966634, EPI_ISL_966746, EPI_ISL_966998, EPI_ISL_967148, EPI_ISL_967246, EPI_ISL_967303, EPI_ISL_978723, EPI_ISL_1134001			
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EPI_ISL_1026032, EPI_ISL_1026052, EPI_ISL_1026127, EPI_ISL_1026683, EPI_ISL_1031357, EPI_ISL_1032327, EPI_ISL_1038688, EPI_ISL_1162385			
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EPI_ISL_468573, EPI_ISL_468574, EPI_ISL_571183, EPI_ISL_571184, EPI_ISL_571185, EPI_ISL_571298, EPI_ISL_571527, EPI_ISL_571528, EPI_ISL_571927, EPI_ISL_604452			
see above	Quest Diagnostics	Quest Diagnostics	Anderson; Anderson, B.; B.P.; D.F.; Gerasimova, A.; Grover, D.; Hua, M.; K.E.; Kagan; Lacbawan, F.; Liu Y.; Livingston; Owen, R.; R.M.; R.M. and Owen, R.; Rosenthal; S.H.; Shalhout
EPI_ISL_1253049, EPI_ISL_1253322, EPI_ISL_1253329, EPI_ISL_1267156, EPI_ISL_1391586, EPI_ISL_1422332, EPI_ISL_1422497, EPI_ISL_1479741, EPI_ISL_1479743, EPI_ISL_1479775, EPI_ISL_1479780, EPI_ISL_1552030, EPI_ISL_1668481, EPI_ISL_1668740, EPI_ISL_1668774, EPI_ISL_1738281, EPI_ISL_1738302, EPI_ISL_1818403, EPI_ISL_1834422, EPI_ISL_1924779, EPI_ISL_1924926, EPI_ISL_1925039, EPI_ISL_1989820, EPI_ISL_2046850, EPI_ISL_2046861, EPI_ISL_2046889, EPI_ISL_2132577, EPI_ISL_2143192, EPI_ISL_2143199, EPI_ISL_2143263, EPI_ISL_2143314, EPI_ISL_2143444, EPI_ISL_2143545, EPI_ISL_2180510, EPI_ISL_2187263, EPI_ISL_2187290, EPI_ISL_2268965, EPI_ISL_2280108, EPI_ISL_2304582, EPI_ISL_2367973, EPI_ISL_2371893, EPI_ISL_2371915, EPI_ISL_2371936, EPI_ISL_2372200, EPI_ISL_2372925, EPI_ISL_2463061, EPI_ISL_2468823, EPI_ISL_2468834, EPI_ISL_2562384, EPI_ISL_2686711, EPI_ISL_2686726, EPI_ISL_2686815, EPI_ISL_2686912, EPI_ISL_2686907, EPI_ISL_2686905, EPI_ISL_2686920, EPI_ISL_2686925, EPI_ISL_2686935, EPI_ISL_2686939, EPI_ISL_2686943, EPI_ISL_2686951, EPI_ISL_2870167, EPI_ISL_2870979, EPI_ISL_2870997, EPI_ISL_2871142, EPI_ISL_2871831, EPI_ISL_2874449, EPI_ISL_2874618, EPI_ISL_2876670, EPI_ISL_2876693, EPI_ISL_2876697, EPI_ISL_2876717, EPI_ISL_2876718, EPI_ISL_2876738, EPI_ISL_2929258, EPI_ISL_2929450, EPI_ISL_2929543, EPI_ISL_3018550, EPI_ISL_3018879, EPI_ISL_3085828			
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EPI_ISL_884677, EPI_ISL_2253134	Respiratory Viruses Branch, Centers for Disease Control and Prevention	Respiratory Viruses Branch, Centers for Disease Control and Prevention	Allen, E.; Anderson, B.; Antico, J.; Ascencio, A.; B.L.; Barret; Batra, D.; Becker, D.; Bernstein, L.; Bolze, A.; C.R.; Caravas, J.; Cassens, T.; Cho, R.; Cirulli, E.; Cook; Febbo, P.; Galloway, S.; Gerasimova, A.; Gietzen, K.; Gulvick, C.; Howard, D.; Hua, M.; I.A.; Isaksson, M.; K.S.; Kagan; Lacbawan, F.; Laurent, M.; Lee, W.; Levan, G.; Liu, J.; Liu, Y.; Livingston, K.; Lu, J.; MacCannell, D.; Morrison, S.; Moser, K.; N.L.; Nguyen, J.; Owen, R.; P.W.; Paden; Paskey, A.; Perez, A.; R.M.; R.V.; Rambo-Martin; Rambo-Martin, B.; Ramirez, J.; Rivera-Garcia, C.; Rolando; Rosenthal; S.H.; Sammons, S.; Sandoval, E.; Schmerer, M.; Shlyakhter; Sickler, B.; Tanpaiboon, P.; Tolentino, M.; Tong, S.; Tran, C.; Unoaurnmhi, Y.; Wagner, D.; Wang, S.; Washington; White, S.; Wickline, S.; de Feo, E.

EPI_ISL_3033194, EPI_ISL_3033195, EPI_ISL_3033196, EPI_ISL_3033197, EPI_ISL_3033198, EPI_ISL_3033199, EPI_ISL_3033200, EPI_ISL_3033201, EPI_ISL_3033202, EPI_ISL_3033203, EPI_ISL_3033204, EPI_ISL_3033205, EPI_ISL_3033206, EPI_ISL_3033207, EPI_ISL_3033208, EPI_ISL_3033209, EPI_ISL_3033210, EPI_ISL_3033211, EPI_ISL_3033212, EPI_ISL_3033213, EPI_ISL_3033214, EPI_ISL_3033215, EPI_ISL_3033217, EPI_ISL_3033218, EPI_ISL_3033219, EPI_ISL_3033220, EPI_ISL_3033221, EPI_ISL_3033222, EPI_ISL_3033223, EPI_ISL_3033224, EPI_ISL_3033225, EPI_ISL_3033226, EPI_ISL_3033227, EPI_ISL_3033228, EPI_ISL_3033229, EPI_ISL_3033230, EPI_ISL_3033231, EPI_ISL_3033233, EPI_ISL_3033234, EPI_ISL_3033235, EPI_ISL_3033236, EPI_ISL_3033237, EPI_ISL_3033238, EPI_ISL_3033239, EPI_ISL_3033240, EPI_ISL_3033241, EPI_ISL_3033242, EPI_ISL_3033243, EPI_ISL_3033244, EPI_ISL_3033245, EPI_ISL_3033246, EPI_ISL_3033247, EPI_ISL_3033248, EPI_ISL_3033249, EPI_ISL_3033250, EPI_ISL_3033251, EPI_ISL_3033252, EPI_ISL_3033253, EPI_ISL_3033254, EPI_ISL_3033255, EPI_ISL_3033256, EPI_ISL_3033257, EPI_ISL_3033258, EPI_ISL_3033259, EPI_ISL_3033260, EPI_ISL_3033261, EPI_ISL_3033262, EPI_ISL_3033263, EPI_ISL_3033264, EPI_ISL_3033265, EPI_ISL_3033266, EPI_ISL_3033267, EPI_ISL_3033268, EPI_ISL_3033269, EPI_ISL_3033270, EPI_ISL_3033271, EPI_ISL_3033272, EPI_ISL_3033273, EPI_ISL_3033274, EPI_ISL_3033275, EPI_ISL_3033276, EPI_ISL_3033277, EPI_ISL_3033278, EPI_ISL_3033279, EPI_ISL_3033280, EPI_ISL_3033281, EPI_ISL_3033282, EPI_ISL_3033283, EPI_ISL_3033284, EPI_ISL_3033285, EPI_ISL_3033286, EPI_ISL_3033287, EPI_ISL_3033288, EPI_ISL_3033289, EPI_ISL_3033290, EPI_ISL_3033291, EPI_ISL_3033292, EPI_ISL_3033293, EPI_ISL_3033294, EPI_ISL_3033295, EPI_ISL_3033296, EPI_ISL_3033297, EPI_ISL_3033298, EPI_ISL_3033299, EPI_ISL_3033300, EPI_ISL_3033301, EPI_ISL_3033302, EPI_ISL_3033303, EPI_ISL_3033304, EPI_ISL_3033305, EPI_ISL_3033306, EPI_ISL_3033307, EPI_ISL_3033308, EPI_ISL_3033309, EPI_ISL_3033310, EPI_ISL_3033311, EPI_ISL_3033312, EPI_ISL_3033313, EPI_ISL_3033314, EPI_ISL_3033315, EPI_ISL_3033316, EPI_ISL_3033317, EPI_ISL_3033318, EPI_ISL_3033319, EPI_ISL_3033320, EPI_ISL_3033321, EPI_ISL_3033322			
see above	State Laboratories Division, Hawaii State Department of Health	State Laboratories Division, Hawaii State Department of Health	Ayana Garnet; Drew Kuwazaki; Edward Desmond; Pamela O'Brien; Razvan Sultana; Sabrina Diemert
EPI_ISL_2321388, EPI_ISL_2545667	Tripler Army Medical Center	Tripler Army Medical Center	Jonathan A. D'Ambrozio; Kendra N. Carter; Lindsey L. O'Neal; Rachael Downham; Rachael L. Downham; Timothy S. Horseman; Zakariae Bram; and Catherine F. Uyehara