

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](http://www.gisaid.org)

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EPI_ISL_891249, EPI_ISL_891250, EPI_ISL_909953, EPI_ISL_909954, EPI_ISL_909963, EPI_ISL_910011, EPI_ISL_910012, EPI_ISL_910013, EPI_ISL_910015	see above	AZ Delta	Brigitte Maes; Dieter De Smet; Geert Marten; Geert Martens
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EPI_ISL_890185, EPI_ISL_890186, EPI_ISL_890187, EPI_ISL_891151, EPI_ISL_905731, EPI_ISL_911707, EPI_ISL_911709	see above	Academic Hospital of Gadjah Mada University (RSA UGM)	Genetics Working Group (Pokja Genetik) Faculty of Medicine, Public Health and Nursing Universitas Gadjah Mada (FK-KMK UGM); Disease Investigation Center Wates Ministry of Agriculture Indonesia; Department of Microbiology FK-KMK UGM; Laboratorium Diagnostik Yayasan Tahlia World Mosquito Program (WMP) Yogyakarta Center for Tropical Medicine FK-KMK UGM; Integrated Research center FK-KMK UGM; Department of Computer Science and Electronics FMIPA UGM
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EPI_ISL_925208, EPI_ISL_943550, EPI_ISL_1080853, EPI_ISL_1080855, EPI_ISL_1080857, EPI_ISL_1081136, EPI_ISL_1081150, EPI_ISL_1081151, EPI_ISL_1081171, EPI_ISL_1081172, EPI_ISL_1081173, EPI_ISL_1081174, EPI_ISL_1081175, EPI_ISL_1081176, EPI_ISL_1081177, EPI_ISL_1081178, EPI_ISL_1081179, EPI_ISL_1081180, EPI_ISL_1081181, EPI_ISL_1081182, EPI_ISL_1081183, EPI_ISL_1081184, EPI_ISL_1081185, EPI_ISL_1081186, EPI_ISL_1081187, EPI_ISL_1081188, EPI_ISL_1081189, EPI_ISL_1081190, EPI_ISL_1081191, EPI_ISL_1097018			
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EPI_ISL_985058, EPI_ISL_985059, EPI_ISL_985060, EPI_ISL_985061, EPI_ISL_985062, EPI_ISL_985063, EPI_ISL_985064, EPI_ISL_985065, EPI_ISL_985066, EPI_ISL_985067, EPI_ISL_985068, EPI_ISL_985069, EPI_ISL_985070, EPI_ISL_985071, EPI_ISL_985072, EPI_ISL_985073, EPI_ISL_985074, EPI_ISL_985075, EPI_ISL_985076, EPI_ISL_985077, EPI_ISL_985078, EPI_ISL_985079, EPI_ISL_985080, EPI_ISL_985081, EPI_ISL_985082, EPI_ISL_985083, EPI_ISL_985084, EPI_ISL_985085, EPI_ISL_985086, EPI_ISL_985087, EPI_ISL_985088, EPI_ISL_985089, EPI_ISL_985090, EPI_ISL_985091, EPI_ISL_985092, EPI_ISL_985093, EPI_ISL_985094, EPI_ISL_985095, EPI_ISL_985096, EPI_ISL_985097, EPI_ISL_985098, EPI_ISL_985099, EPI_ISL_985100, EPI_ISL_985101, EPI_ISL_985102, EPI_ISL_985103, EPI_ISL_985104, EPI_ISL_985105, EPI_ISL_985106, EPI_ISL_985107, EPI_ISL_985108, EPI_ISL_985109, EPI_ISL_985110, EPI_ISL_985111, EPI_ISL_985112, EPI_ISL_985113, EPI_ISL_985114, EPI_ISL_985115, EPI_ISL_985116, EPI_ISL_985117, EPI_ISL_985118, EPI_ISL_985119, EPI_ISL_985120, EPI_ISL_985121, EPI_ISL_985122, EPI_ISL_985123, EPI_ISL_985124, EPI_ISL_985125, EPI_ISL_985126, EPI_ISL_985127, EPI_ISL_985128, EPI_ISL_985129			
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EPI_ISL_747238	Bogor Public Health	West Java Health Laboratory; School of Life Sciences and Technology, Institut Teknologi Bandung	Azzania Fibriani; Cut Nur Cinthia Alamanda; Ema Rahmawati; Isak Solihin; Karimatu Khoirunnisa; Miftahul Faridi; Rifky Waluyajati Rachman; Rini Robiani; Ryan Bayusantika Ristandi
EPI_ISL_965182	Botswana Harvard AIDS Institute Partnership	Botswana Harvard AIDS Institute Partnership	Boitumelo Zuze; Botshelo Radibe; David Lawrence; Dorcas Maruapula; Joseph Makhema; Mosepele Mosepele; Roger Shapiro; Shahin Lockman; Sikhulile Moyo; Simani Gaseitsiwe; Wonderful T. Choga
EPI_ISL_965178	Botswana Harvard HIV Reference Laboratory	Botswana Harvard AIDS Institute Partnership	Boitumelo Zuze; Botshelo Radibe; David Lawrence; Dorcas Maruapula; Joseph Makhema; Mosepele Mosepele; Roger Shapiro; Shahin Lockman; Sikhulile Moyo; Simani Gaseitsiwe; Wonderful T. Choga
EPI_ISL_871872, EPI_ISL_933724, EPI_ISL_935040, EPI_ISL_935042, EPI_ISL_935045, EPI_ISL_940762, EPI_ISL_940765, EPI_ISL_940768, EPI_ISL_940776, EPI_ISL_940844, EPI_ISL_943992, EPI_ISL_944590, EPI_ISL_944756, EPI_ISL_944757, EPI_ISL_944760, EPI_ISL_944761, EPI_ISL_944762, EPI_ISL_944782, EPI_ISL_944790, EPI_ISL_949068, EPI_ISL_955102, EPI_ISL_960226, EPI_ISL_960303, EPI_ISL_960312, EPI_ISL_962880, EPI_ISL_962886, EPI_ISL_965181, EPI_ISL_965264, EPI_ISL_965277, EPI_ISL_965909, EPI_ISL_968214, EPI_ISL_968234, EPI_ISL_968252, EPI_ISL_968857, EPI_ISL_969034, EPI_ISL_977499, EPI_ISL_981384, EPI_ISL_981386, EPI_ISL_981548, EPI_ISL_982860			
see above	Botswana Harvard HIV Reference Laboratory	Botswana Harvard HIV Reference Laboratory	Boitumelo Zuze; Botshelo Radibe; David Lawrence; Dorcas Maruapula; Joseph Makhema; Legodile T. Koepeile David Lawrence; Makhema; Mosepele Mosepele; Roger L. Shapiro; Roger Shapiro; Shahin Lockman; Sikhulile Moyo; Simani Gaseitsiwe; Wonderful Choga; Wonderful T. Choga
EPI_ISL_900691, EPI_ISL_900692, EPI_ISL_900693, EPI_ISL_900694, EPI_ISL_900695, EPI_ISL_900696, EPI_ISL_900697, EPI_ISL_900698, EPI_ISL_900699, EPI_ISL_900700, EPI_ISL_900701, EPI_ISL_900702, EPI_ISL_900703, EPI_ISL_900704, EPI_ISL_900705, EPI_ISL_900706, EPI_ISL_900707, EPI_ISL_900708, EPI_ISL_900709, EPI_ISL_900710, EPI_ISL_900711, EPI_ISL_900712, EPI_ISL_900713, EPI_ISL_900714, EPI_ISL_900715, EPI_ISL_900716, EPI_ISL_900717, EPI_ISL_900718, EPI_ISL_900719, EPI_ISL_900720, EPI_ISL_900721, EPI_ISL_900722, EPI_ISL_900723, EPI_ISL_900724, EPI_ISL_900725, EPI_ISL_900726, EPI_ISL_900727, EPI_ISL_900728, EPI_ISL_900729, EPI_ISL_900730, EPI_ISL_900731, EPI_ISL_900732, EPI_ISL_900733, EPI_ISL_900734, EPI_ISL_900735, EPI_ISL_900736, EPI_ISL_900737, EPI_ISL_900738, EPI_ISL_900739, EPI_ISL_900740, EPI_ISL_900741			
see above	Bozeman Health Deaconess Hospital	Wiedenheft lab, Montana State University	Anna Nemudraia; Artem Nemudryi; Calvin Cicha; Deann T. Snyder; Diane Bimczok; Helen Lee; Jodi F. Hedges; Joseph Nichols; Karl K. Vanderwood; Mark A. Jutila and Blake Wiedenheft; Tanner Wiegand
EPI_ISL_903339, EPI_ISL_903340, EPI_ISL_903341, EPI_ISL_903342, EPI_ISL_903343, EPI_ISL_903344, EPI_ISL_903345, EPI_ISL_903346, EPI_ISL_1081312, EPI_ISL_1081313, EPI_ISL_1081314, EPI_ISL_1081315, EPI_ISL_1081316, EPI_ISL_1081317, EPI_ISL_1081318, EPI_ISL_1081319, EPI_ISL_1081320, EPI_ISL_1081321, EPI_ISL_1081322, EPI_ISL_1081323			
see above	Bozeman Health Deaconess Hospital	Wiedenheft lab, Montana State University	Anna Nemudraia; Artem Nemudryi; Calvin Cicha; Deann T. Snyder; Diane Bimczok; Helen Lee; Jodi F. Hedges; Joseph Nichols; Karl K. Vanderwood; Mark A. Jutila and Blake Wiedenheft; Tanner Wiegand
EPI_ISL_755639	Bundeswehr Institute of Microbiology	Bundeswehr Institute of Microbiology	Christina Bugert; Joachim Bugert; Malena Bestehorn-Willmann; Markus Antwerpen; Mathias Walter; Roman Wölfl
EPI_ISL_912554, EPI_ISL_912555, EPI_ISL_912556, EPI_ISL_912573	C.H.R. d'Orléans - Hôpital de la Source	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Angela Brisebarre; Camille Capel; Etienne Simon-Lorière; Guinard Jérôme; Marion Barbet; Maud Vanpeeine; Méline Bizard; Sylvie Behillili; Sylvie van der Werf; Vincent Enouf
EPI_ISL_912614	CENTRE HOSPITALIER JACQUES LACARIN LABORATOIRE	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Angela Brisebarre; Camille Capel; Etienne Simon-Lorière; Marion Barbet; Maud Vanpeeine; Méline Bizard; Sylvie Behillili; Sylvie van der Werf; Vincent Enouf
EPI_ISL_912539, EPI_ISL_912580, EPI_ISL_912581, EPI_ISL_912582, EPI_ISL_912583	CENTRE HOSPITALIER LEON BINET	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Angela Brisebarre; Camille Capel; Etienne Simon-Lorière; Marion Barbet; Maud Vanpeeine; Meziiane Ilham; Méline Bizard; Sylvie Behillili; Sylvie van der Werf; Vincent Enouf
EPI_ISL_861715, EPI_ISL_861716, EPI_ISL_861727, EPI_ISL_861728, EPI_ISL_862042, EPI_ISL_862043, EPI_ISL_862045			
see above	CERBA	CERBA LAB	Costa JM; Haim-Boukobza S.; Hedbaut E; Lecorche E; Malek Ramdane; Olivi M; Roquebert B; Trombert S; Verdurme L
EPI_ISL_780418	CERBA LAB	CERBA LAB	Costa JM; Haim-Boukobza S.; Hedbaut E; Lecorche E; Malek Ramdane; Olivi M; Roquebert B; Trombert S; Verdurme L
EPI_ISL_860848	CH Dunkerque Laboratoire de Biologie	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Angela Brisebarre; Camille Capel; Etienne Simon-Lorière; Joly Isabelle; Marion Barbet; Maud Vanpeeine; Méline Bizard; Sylvie Behillili; Sylvie van der Werf; Vincent Enouf
EPI_ISL_792008, EPI_ISL_792009, EPI_ISL_792010, EPI_ISL_792011, EPI_ISL_792012, EPI_ISL_792013, EPI_ISL_792014, EPI_ISL_792015	CH de Bethune - Laboratoire de Biologie Médicale	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Angela Brisebarre; Camille Capel; Etienne Simon-Lorière; Léa Pilorgé; Marion Barbet; Maud Vanpeeine; Méline Bizard; Sylvie Behillili; Sylvie van der Werf; Vincent Enouf
see above	CH de Bethune - Laboratoire de Biologie Médicale	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Angela Brisebarre; Camille Capel; Etienne Simon-Lorière; Léa Pilorgé; Marion Barbet; Maud Vanpeeine; Méline Bizard; Sylvie Behillili; Sylvie van der Werf; Vincent Enouf
EPI_ISL_1013099, EPI_ISL_1013100, EPI_ISL_1013101, EPI_ISL_1013102, EPI_ISL_1013103, EPI_ISL_1013104, EPI_ISL_1013105, EPI_ISL_1013106, EPI_ISL_1013107, EPI_ISL_1013108, EPI_ISL_1013109, EPI_ISL_1013110, EPI_ISL_1013111, EPI_ISL_1013112, EPI_ISL_1013113, EPI_ISL_1013114, EPI_ISL_1013115, EPI_ISL_1013116, EPI_ISL_1013117, EPI_ISL_1013118, EPI_ISL_1013119, EPI_ISL_1013120, EPI_ISL_1013121, EPI_ISL_1013122, EPI_ISL_1013123, EPI_ISL_1013124, EPI_ISL_1013125, EPI_ISL_1013126, EPI_ISL_1013127, EPI_ISL_1013128, EPI_ISL_1013129, EPI_ISL_1013130, EPI_ISL_1013131, EPI_ISL_1013132, EPI_ISL_1013133, EPI_ISL_1013134, EPI_ISL_1013135, EPI_ISL_1013136, EPI_ISL_1013137, EPI_ISL_1013138, EPI_ISL_1013139, EPI_ISL_1013140, EPI_ISL_1013141, EPI_ISL_1013142, EPI_ISL_1013143, EPI_ISL_1013144, EPI_ISL_1013145, EPI_ISL_1013146, EPI_ISL_1013147, EPI_ISL_1013148, EPI_ISL_1013149, EPI_ISL_1013150, EPI_ISL_1013151, EPI_ISL_1013152, EPI_ISL_1013153, EPI_ISL_1013154, EPI_ISL_1013155, EPI_ISL_1013156, EPI_ISL_1013157, EPI_ISL_1013158, EPI_ISL_1013159, EPI_ISL_1013160, EPI_ISL_1013161, EPI_ISL_1013162, EPI_ISL_1013163, EPI_ISL_1013164, EPI_ISL_1013165, EPI_ISL_1013166, EPI_ISL_1013167, EPI_ISL_1013168, EPI_ISL_1013169, EPI_ISL_1013170, EPI_ISL_1013171, EPI_ISL_1013172, EPI_ISL_1013173, EPI_ISL_1013174, EPI_ISL_1013175, EPI_ISL_1013176, EPI_ISL_1013177, EPI_ISL_1013178, EPI_ISL_1013179, EPI_ISL_1013180, EPI_ISL_1013181, EPI_ISL_1013182, EPI_ISL_1013183, EPI_ISL_1013184, EPI_ISL_1013185, EPI_ISL_1013186, EPI_ISL_1013187, EPI_ISL_1013188, EPI_ISL_1013189, EPI_ISL_1013190, EPI_ISL_1013191, EPI_ISL_1013192, EPI_ISL_1013193, EPI_ISL_1013194, EPI_ISL_1013195, EPI_ISL_1013196, EPI_ISL_1013197, EPI_ISL_1013198, EPI_ISL_1013199, EPI_ISL_1013200, EPI_ISL_1013201, EPI_ISL_1013202, EPI_ISL_1013203, EPI_ISL_1013204, EPI_ISL_1013205, EPI_ISL_1013206, EPI_ISL_1013207, EPI_ISL_1013208, EPI_ISL_1013209, EPI_ISL_1013224, EPI_ISL_1013225, EPI_ISL_1013226, EPI_ISL_1013227, EPI_ISL_1013228, EPI_ISL_1013229, EPI_ISL_1013230, EPI_ISL_1013231, EPI_ISL_1013232, EPI_ISL_1013233, EPI_ISL_1013234, EPI_ISL_1013237, EPI_ISL_1013238, EPI_ISL_1013239, EPI_ISL_1013240, EPI_ISL_1013242, EPI_ISL_1013243, EPI_ISL_1013244, EPI_ISL_1013245, EPI_ISL_1013246, EPI_ISL_1013247, EPI_ISL_1013248, EPI_ISL_1013249, EPI_ISL_1013250, EPI_ISL_1013251, EPI_ISL_1013252, EPI_ISL_1013253, EPI_ISL_1013254, EPI_ISL_1013255, EPI_ISL_1013256, EPI_ISL_1013257, EPI_ISL_1013258, EPI_ISL_1013259, EPI_ISL_1013260, EPI_ISL_1013261, EPI_ISL_1013262, EPI_ISL_1013263, EPI_ISL_1013264, EPI_ISL_1013265, EPI_ISL_1013266, EPI_ISL_1013267, EPI_ISL_1013268, EPI_ISL_1013269, EPI_ISL_1013270, EPI_ISL_1013271, EPI_ISL_1013272, EPI_ISL_1013273, EPI_ISL_1013274, EPI_ISL_1013275, EPI_ISL_1013276, EPI_ISL_1013277, EPI_ISL_1013278, EPI_ISL_1013279, EPI_ISL_1013280, EPI_ISL_1013281, EPI_ISL_1013282, EPI_ISL_1013283, EPI_ISL_1013284, EPI_ISL_1013285, EPI_ISL_1013286, EPI_ISL_1013287, EPI_ISL_1013288, EPI_ISL_1013289, EPI_ISL_1013290, EPI_ISL_1013291, EPI_ISL_1013292, EPI_ISL_1013293, EPI_ISL_1013294, EPI_ISL_1013295, EPI_ISL_1013296, EPI_ISL_1013297, EPI_ISL_1013298, EPI_ISL_1013299, EPI_ISL_1013300, EPI_ISL_1013301, EPI_ISL_1013302, EPI_ISL_1013303, EPI_ISL_1013304, EPI_ISL_1013305, EPI_ISL_1013306, EPI_ISL_1013307, EPI_ISL_1013308, EPI_ISL_1013309, EPI_ISL_1013310, EPI_ISL_1013311, EPI_ISL_1013312, EPI_ISL_1013313, EPI_ISL_1013314, EPI_ISL_1013315, EPI_ISL_1013316, EPI_ISL_1013317, EPI_ISL_1013318, EPI_ISL_1013319, EPI_ISL_1013320, EPI_ISL_1013321, EPI_ISL_1013322, EPI_ISL_1013323, EPI_ISL_1013324, EPI_ISL_1013325, EPI_ISL_1013326, EPI_ISL_1013327, EPI_ISL_1013328, EPI_ISL_1013329, EPI_ISL_1013330, EPI_ISL_1013331, EPI_ISL_1013332, EPI_ISL_1013333, EPI_ISL_1013334, EPI_ISL_1013335, EPI_ISL_1013336, EPI_ISL_1013337, EPI_ISL_1013338, EPI_ISL_1013339, EPI_ISL_1013340, EPI_ISL_1013341, EPI_ISL_1013342, EPI_ISL_1013343, EPI_ISL_1013344, EPI_ISL_1013345, EPI_ISL_1013346, EPI_ISL_1013347, EPI_ISL_1013348, EPI_ISL_1013349, EPI_ISL_1013350, EPI_ISL_1013351, EPI_ISL_1013352, EPI_ISL_1013353, EPI_ISL_1013354, EPI_ISL_1013355, EPI_ISL_1013356, EPI_ISL_1013357, EPI_ISL_1013358, EPI_ISL_1013359, EPI_ISL_1013360, EPI_ISL_1013361, EPI_ISL_1013362, EPI_ISL_1013363, EPI_ISL_1013364, EPI_ISL_1013365, EPI_ISL_1013366, EPI_ISL_1013367, EPI_ISL_1013368, EPI_ISL_1013369, EPI_ISL_1013370, EPI_ISL_1013371, EPI_ISL_1013372, EPI_ISL_1013373, EPI_ISL_1013374, EPI_ISL_1013375, EPI_ISL_1013376, EPI_ISL_1013377, EPI_ISL_1013378, EPI_ISL_1013379, EPI_ISL_1013380, EPI_ISL_1013381, EPI_ISL_1013382, EPI_ISL_1013383, EPI_ISL_1013384, EPI_ISL_1013385, EPI_ISL_1013386, EPI_ISL_1013387, EPI_ISL_1013388, EPI_ISL_1013389, EPI_ISL_1013390, EPI_ISL_1013391, EPI_ISL_1013392, EPI_ISL_1013393, EPI_ISL_1013394, EPI_ISL_1013395, EPI_ISL_1013396, EPI_ISL_1013397, EPI_ISL_1013398, EPI_ISL_1013399, EPI_ISL_1013400, EPI_ISL_1013401, EPI_ISL_1013402, EPI_ISL_1013403, EPI_ISL_1013404, EPI_ISL_1013405, EPI_ISL_1013406, EPI_ISL_1013407			
see above	CH de Mayotte	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Angela Brisebarre; Camille Capel; Combe Patrice; Etienne Simon-Lorière; Marion Barbet; Maud Vanpeeine; Méline Bizard; Sylvie Behillili; Sylvie van der Werf; Vincent Enouf
EPI_ISL_894220, EPI_ISL_894221, EPI_ISL_894222, EPI_ISL_894224, EPI_ISL_894225, EPI_ISL_894226, EPI_ISL_894227, EPI_ISL_894228, EPI_ISL_894229, EPI_ISL_894230, EPI_ISL_894231, EPI_ISL_909674, EPI_ISL_909687, EPI_ISL_909688, EPI_ISL_909689, EPI_ISL_909690, EPI_ISL_909691, EPI_ISL_909692, EPI_ISL_909693, EPI_ISL_909694, EPI_ISL_909695, EPI_ISL_909696, EPI_ISL_909697, EPI_ISL_909700, EPI_ISL_909			

EPI_ISL_906540, EPI_ISL_906544	CLINICA DE OCCIDENTE	Instituto Nacional de Salud- Dirección de Investigación en Salud Pública, Universidad de los Andes- Applied genomics research group, Vicerrectoría de Investigación y Creación, Universidad de los Andes- Systems and Computing Engineering Department	Carlos Franco-Muñoz; Diego A. Álvarez-Díaz; Diego Andrés Prada; Gerardo Santamaría Jorge Duitama; Héctor Alejandro Ruiz-Moreno; Jhonnatan Reales-González; Jorge Ivan Diaz; Julian Naizaque; Katherine Laiton-Donato; Laura Natalia Gonzalez; Magdalena Wiesner; Marcela Mercado-Reyes; Maria T. Herrera-Sepúlveda; Martha Lucia Ospina Martinez; Mauricio Pacheco-Montealegre; Sheryll Corchuelo; Silvia Restrepo-Restrepo	
EPI_ISL_906536	CLINICA OCCIDENTE	Instituto Nacional de Salud- Dirección de Investigación en Salud Pública, Universidad de los Andes- Applied genomics research group, Vicerrectoría de Investigación y Creación, Universidad de los Andes- Systems and Computing Engineering Department	Carlos Franco-Muñoz; Diego A. Álvarez-Díaz; Diego Andrés Prada; Gerardo Santamaría Jorge Duitama; Héctor Alejandro Ruiz-Moreno; Jhonnatan Reales-González; Jorge Ivan Diaz; Julian Naizaque; Katherine Laiton-Donato; Laura Natalia Gonzalez; Magdalena Wiesner; Marcela Mercado-Reyes; Maria T. Herrera-Sepúlveda; Martha Lucia Ospina Martinez; Mauricio Pacheco-Montealegre; Sheryll Corchuelo; Silvia Restrepo-Restrepo	
EPI_ISL_954780 EPI_ISL_847826, EPI_ISL_847827	COMPLEJO HOSPITALARIO XERAL-CALDE COVID-19 National Reference Laboratory	Instituto de Salud Carlos III COVID-19 National Reference Laboratory	A. Monzón; F. Casas; I. Alonso, P.; I. Jiménez; Iglesias-Caballero; M. Camarero; P. Zaballos; S. Cuesta; S. Pozo; S. Sandomis; S. Varona; V. Vázquez	
EPI_ISL_861662	CS I Tacito Leite de Carvalho e Silva	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Ahmad Ghasemi; Amitis Ramezani; Farideh Niknam; Hessaam Nemati; Kayhan Azadmanesh; Mahsa Tavakoli; Maryam Rostamabadi; Marzieh Sadjadi; Mohamad Sadeqh Shams Nosrati; Mohammad Hassan Pouriayevali; Mohammad Mehdi Mortazavipour; Mostafa Salehi-Vaziri; Parastoo Yekta; Sahar Khakifrouz; Sana Eybpoosh; Sanam Azad-Manjiri; Sepideh Gerdooei; Setareh Kashanian; Tahereh Mohammadi; Zahra Ahmadi; Zahra Fereydooni; Zeynab VeisiZadeh	
EPI_ISL_756369, EPI_ISL_756370, EPI_ISL_756371, EPI_ISL_756372, EPI_ISL_756373, EPI_ISL_756374	CUMC - CHI Bergan Mercy	Creighton University School of Medicine, Departments of Medical Microbiology and Pharmacology and Neuroscience	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valessa Ramos Gomes; Karoline Rodrigues Campos	
EPI_ISL_909946, EPI_ISL_909947, EPI_ISL_909948, EPI_ISL_909949, EPI_ISL_909950, EPI_ISL_909951, EPI_ISL_909952, EPI_ISL_918489, EPI_ISL_918490	see above	CUS/UC/Louvain COVID testing federal platform	Benoit Kabamba Mukadi; Jean Ruelle; Lysa Pinsmaye	
EPI_ISL_1096139, EPI_ISL_1096140, EPI_ISL_1096347, EPI_ISL_1096348	Cambodian National Public Health Laboratory, National Institute of Public Health	Virology Unit, Institut Pasteur du Cambodge	Chau Darapehak; Chin Savuth; Erik A Karlsson; Kraing Sidonn; Ly Sovann; Sokhoun Yann; Veasna Duong; Yi Sengdeourn	
EPI_ISL_1055249, EPI_ISL_1055260	Caritas Medical Centre	Hong Kong Department of Health	Chan Rickjason C.W.; Lam Edman T.K.; Mak Gannon C.K.; Tsang Dominic N.C.	
EPI_ISL_794663	Carvajal Laboratorios	Instituto Nacional de Salud - Dirección de Investigación en Salud Pública	Carlos Franco-Muñoz; Diego A. Álvarez-Díaz; Diego Andrés Prada; Gerardo Santamaría; Jonathan Reales; Julian Naizaque; Katherine Laiton-Donato; Magdalena Wiesner; Marcela Mercado-Reyes; Maria T. Herrera; Martha Lucia Ospina Martinez; Mauricio Pacheco-Montealegre; Paola Muñoz-Laiton; Sheryll Corchuelo	
EPI_ISL_806783	Casa di cura Di Lorenzo- Avezzano	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marccoli M; Puglia I; Rinaldi A; Savini G	
EPI_ISL_824555, EPI_ISL_824556, EPI_ISL_824557, EPI_ISL_824558, EPI_ISL_824559, EPI_ISL_824560, EPI_ISL_824561, EPI_ISL_824562, EPI_ISL_824563, EPI_ISL_824564, EPI_ISL_824565, EPI_ISL_824566, EPI_ISL_824567, EPI_ISL_824568, EPI_ISL_824569, EPI_ISL_824570, EPI_ISL_824571, EPI_ISL_824572, EPI_ISL_824573, EPI_ISL_824574, EPI_ISL_824575, EPI_ISL_824576, EPI_ISL_824577, EPI_ISL_824578, EPI_ISL_824579, EPI_ISL_824580, EPI_ISL_824581, EPI_ISL_824582, EPI_ISL_824583, EPI_ISL_824584, EPI_ISL_824585, EPI_ISL_824586, EPI_ISL_824587, EPI_ISL_824588, EPI_ISL_824589, EPI_ISL_824590, EPI_ISL_824591, EPI_ISL_824592, EPI_ISL_824593, EPI_ISL_824594, EPI_ISL_824595, EPI_ISL_824596, EPI_ISL_824597, EPI_ISL_824598, EPI_ISL_824599, EPI_ISL_824600, EPI_ISL_824601, EPI_ISL_824602, EPI_ISL_824603, EPI_ISL_824604, EPI_ISL_824605, EPI_ISL_824606, EPI_ISL_824607, EPI_ISL_824608, EPI_ISL_824609, EPI_ISL_824610, EPI_ISL_824611, EPI_ISL_824612, EPI_ISL_824613, EPI_ISL_824614, EPI_ISL_824615, EPI_ISL_824616, EPI_ISL_824617, EPI_ISL_824618, EPI_ISL_824619, EPI_ISL_824620, EPI_ISL_824621, EPI_ISL_824622, EPI_ISL_824623, EPI_ISL_824624, EPI_ISL_824625, EPI_ISL_824626, EPI_ISL_824627, EPI_ISL_824628, EPI_ISL_824629, EPI_ISL_824630, EPI_ISL_824631, EPI_ISL_824632, EPI_ISL_824633, EPI_ISL_824634, EPI_ISL_824635, EPI_ISL_824636, EPI_ISL_824637, EPI_ISL_824638, EPI_ISL_824639, EPI_ISL_824640, EPI_ISL_824641, EPI_ISL_824642, EPI_ISL_824643, EPI_ISL_824644, EPI_ISL_824645, EPI_ISL_824646, EPI_ISL_824647, EPI_ISL_824648, EPI_ISL_824649, EPI_ISL_824650, EPI_ISL_824651, EPI_ISL_824652, EPI_ISL_824653, EPI_ISL_824654, EPI_ISL_824655, EPI_ISL_824656, EPI_ISL_824658, EPI_ISL_824659, EPI_ISL_824660, EPI_ISL_824661, EPI_ISL_824662, EPI_ISL_824663, EPI_ISL_824664, EPI_ISL_824665, EPI_ISL_824666, EPI_ISL_824667, EPI_ISL_824668, EPI_ISL_824669, EPI_ISL_824670, EPI_ISL_824671, EPI_ISL_824672, EPI_ISL_824673, EPI_ISL_824674, EPI_ISL_824675, EPI_ISL_824676, EPI_ISL_824677, EPI_ISL_824678, EPI_ISL_824679, EPI_ISL_824680, EPI_ISL_824681, EPI_ISL_824682, EPI_ISL_824683, EPI_ISL_824684, EPI_ISL_824685, EPI_ISL_824686, EPI_ISL_824687, EPI_ISL_824688, EPI_ISL_824689, EPI_ISL_824690, EPI_ISL_824691, EPI_ISL_824692, EPI_ISL_824693, EPI_ISL_824694, EPI_ISL_824695, EPI_ISL_824696, EPI_ISL_824697, EPI_ISL_824698, EPI_ISL_824699, EPI_ISL_824700, EPI_ISL_824701, EPI_ISL_824702, EPI_ISL_824703, EPI_ISL_824704, EPI_ISL_824705, EPI_ISL_824706, EPI_ISL_824707, EPI_ISL_824708, EPI_ISL_824709, EPI_ISL_824710, EPI_ISL_824711, EPI_ISL_824712, EPI_ISL_824713, EPI_ISL_824714, EPI_ISL_824715, EPI_ISL_824716, EPI_ISL_824717, EPI_ISL_824718, EPI_ISL_824719, EPI_ISL_824720, EPI_ISL_824721, EPI_ISL_824722, EPI_ISL_824723, EPI_ISL_824724, EPI_ISL_824725, EPI_ISL_824726, EPI_ISL_824727, EPI_ISL_824728, EPI_ISL_824729, EPI_ISL_824730, EPI_ISL_824731, EPI_ISL_824732, EPI_ISL_824733, EPI_ISL_824734, EPI_ISL_824735, EPI_ISL_824736, EPI_ISL_824737, EPI_ISL_824738, EPI_ISL_824739, EPI_ISL_824740, EPI_ISL_824741	see above	Cedars-Sinai Medical Center, Department of Pathology & Laboratory Medicine, Molecular Pathology Laboratory	Cedars-Sinai Medical Center, Molecular Pathology Laboratory of Department of Pathology & Laboratory Medicine and Genomic Core	Brian Davis; Eric Vali; Jasmine T Plummer; Jorge Mario Sincuir Martinez; Stephanie Chen; Wenjuan Zhang
EPI_ISL_971451	Cell culture Unit at CV-MIT belonging to HIMMV	Functional Genomic Platform UATRS-biology, CNRST	Abderrazzak Rfak; Amine Idriss Lahlou; Elmostafa EL FAHIME; Hicham Elannaz; Khalid ENNIBI; Marouane MELLOUL; Mly Abdelaziz ELALAOUI; Mostafa ELLOUENNASS; Mouhssine Hemlali; Nadia Toulil; Sanaa ALAOUI-Amine	
EPI_ISL_756293, EPI_ISL_756294	Center for Biotechnology and Cell Therapy, São Rafael Hospital, Salvador, Brazil	Center for Biotechnology and Cell Therapy, São Rafael Hospital, Salvador, Brazil	Ana Verena Almeida Mendes; Bruno Solano de Freitas Souza; Carolina Kymie Vasques Nonaka; Marta Giovanetti; Marília Miranda Franco; Renato Santana de Aguiar; Tiago Gräf	
EPI_ISL_1036239	Center of Advanced Studies and Technology, Molecular Genetics Laboratory	Center of Advanced Studies and Technology, Molecular Genetics Laboratory	Anaclerio Federico; Damiani Verena; De Fabritiis Simone; Ferrante Rossella; Mandatori Domitilla	
EPI_ISL_940756, EPI_ISL_940895, EPI_ISL_940896, EPI_ISL_940897, EPI_ISL_940898, EPI_ISL_940899, EPI_ISL_940900, EPI_ISL_940901, EPI_ISL_940902, EPI_ISL_940903, EPI_ISL_940904, EPI_ISL_940905, EPI_ISL_940906, EPI_ISL_940907, EPI_ISL_940908, EPI_ISL_940909, EPI_ISL_940910, EPI_ISL_940911, EPI_ISL_940912, EPI_ISL_940913, EPI_ISL_940914, EPI_ISL_940915, EPI_ISL_940916, EPI_ISL_940917, EPI_ISL_940918, EPI_ISL_940919, EPI_ISL_940920, EPI_ISL_940921, EPI_ISL_940922, EPI_ISL_940923, EPI_ISL_940924, EPI_ISL_940925, EPI_ISL_940926, EPI_ISL_940927, EPI_ISL_940928, EPI_ISL_940929, EPI_ISL_940930, EPI_ISL_940931, EPI_ISL_940932, EPI_ISL_940933, EPI_ISL_940934, EPI_ISL_940935, EPI_ISL_940936, EPI_ISL_940937, EPI_ISL_940938, EPI_ISL_940939, EPI_ISL_940940, EPI_ISL_940941, EPI_ISL_940942, EPI_ISL_940943, EPI_ISL_940944, EPI_ISL_940945, EPI_ISL_940946, EPI_ISL_940947, EPI_ISL_940948, EPI_ISL_940949, EPI_ISL_940950, EPI_ISL_940951, EPI_ISL_940952, EPI_ISL_940953, EPI_ISL_940954, EPI_ISL_940955, EPI_ISL_940956, EPI_ISL_940957, EPI_ISL_940958, EPI_ISL_940959, EPI_ISL_940960, EPI_ISL_940961, EPI_ISL_940962, EPI_ISL_940963, EPI_ISL_940964, EPI_ISL_940965, EPI_ISL_940966, EPI_ISL_940967, EPI_ISL_940968, EPI_ISL_940969, EPI_ISL_940970, EPI_ISL_940971, EPI_ISL_940972, EPI_ISL_940973, EPI_ISL_940974, EPI_ISL_940975, EPI_ISL_940976, EPI_ISL_940977, EPI_ISL_940978, EPI_ISL_940979, EPI_ISL_940980, EPI_ISL_940981, EPI_ISL_940982, EPI_ISL_940983, EPI_ISL_940984, EPI_ISL_940985, EPI_ISL_940986, EPI_ISL_940987, EPI_ISL_940988, EPI_ISL_940989, EPI_ISL_940990, EPI_ISL_940991, EPI_ISL_940992, EPI_ISL_940993, EPI_ISL_940994, EPI_ISL_942007, EPI_ISL_942008, EPI_ISL_942009, EPI_ISL_942010, EPI_ISL_942011, EPI_ISL_942012	see above	Centers for Disease Control and Prevention, Dengue Branch	Centers for Disease Control and Prevention, Dengue Branch	Betzabel Flores; Gabriela Paz-Bailey; Gilberto A. Santiago; Glenda Gonzalez; Jorge L. Munoz-Jordan; Keyla Charriez
EPI_ISL_857314	Centers for Disease Control, R.O.C. (Taiwan)	Centers for Disease Control, R.O.C. (Taiwan)	Ji-Rong Yang; Jung-Jung Mu; Ming-Tsan Liu; Yu-Chi Lin	
EPI_ISL_930854, EPI_ISL_930855, EPI_ISL_930857, EPI_ISL_930858, EPI_ISL_942374, EPI_ISL_942375, EPI_ISL_942896, EPI_ISL_942897, EPI_ISL_942898, EPI_ISL_942899, EPI_ISL_942930, EPI_ISL_942931, EPI_ISL_943574, EPI_ISL_943575, EPI_ISL_943576, EPI_ISL_943577, EPI_ISL_943578, EPI_ISL_943579, EPI_ISL_943581, EPI_ISL_943582, EPI_ISL_943583, EPI_ISL_943584, EPI_ISL_943585, EPI_ISL_943586, EPI_ISL_943587, EPI_ISL_943588, EPI_ISL_943590, EPI_ISL_943601, EPI_ISL_943608, EPI_ISL_983865, EPI_ISL_984619, EPI_ISL_984620, EPI_ISL_984621	see above	Central Laboratory of Public Health of Rio Grande do Sul (Lacen-RS)	State Center for Health Surveillance of the Health Department of the State of Rio Grande do Sul (CEVS/SES-RS)	; Aline Campos; Amanda da Silva; Anelise Schaurich; Barcellos R; Campos A; Claudia Dornelles; Crescente L; Cynthia Molina; Da Silva A; Dornelles C; Fernanda Godinho; Fonseca V; Garay L; Godinho F; Gonzalez A; Gregianini T; Lara Crescente; Leticia Garay; Ludmila Fiorenzано Baethgen; Molina C; Regina Barcellos; Richard Salvaato; Richard Schaurich A; Tatiana Gregianini; Vagner Fonseca
EPI_ISL_885143	Central public health laboratory	Molecular Diagnostics Department, Central public health laboratory	Dalia, F.; Dier, H.; Dlishad, H.; F.-A.; Fahmi, A.; Furat, S.; Hemdad, A.; Hemm, M. and Idrees, H.; Mohsen, A.; Sharmeen	
EPI_ISL_860847, EPI_ISL_860898	Centre Hospitalier Compiègne-Noyon - Laboratoire	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Angela Brisebarre; Camille Capel; Emond Jean-Philippe; Etienne Simon-Lorière; Foissaud Vincent; Marion Barbet; Maud Vanpeene; Méline Bizard; Sylvie Behillili; Sylvie van der Werf; Vincent Enouf	
EPI_ISL_912612, EPI_ISL_912613	Centre Hospitalier de Compiègne Laboratoire Compiègne	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Angela Brisebarre; Camille Capel; Etienne Simon-Lorière; Marion Barbet; Maud Vanpeene; Méline Bizard; Romand Sylvie; Sylvie Behillili; Sylvie van der Werf; Vincent Enouf	
EPI_ISL_912557, EPI_ISL_912558	Centre Hospitalier de Gisors Route de Rouen	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Angela Brisebarre; Camille Capel; Etienne Simon-Lorière; Marion Barbet; Maud Vanpeene; Méline Bizard; Sylvie Behillili; Sylvie van der Werf; Vincent Enouf	
EPI_ISL_1079689, EPI_ISL_1079690, EPI_ISL_1079692, EPI_ISL_1079693, EPI_ISL_1079695, EPI_ISL_1079696, EPI_ISL_1079697, EPI_ISL_1079699, EPI_ISL_1079703, EPI_ISL_1081842	see above	Centre Hospitalier de Wallonie Picarde (CHWapi)	Jérémie Gras; Pascale Hilbert	
EPI_ISL_1001042, EPI_ISL_1001043, EPI_ISL_1001044, EPI_ISL_1001045, EPI_ISL_1001046, EPI_ISL_1001047, EPI_ISL_1001048, EPI_ISL_1001049, EPI_ISL_1001050, EPI_ISL_1001051, EPI_ISL_1001052, EPI_ISL_1001053, EPI_ISL_1001054, EPI_ISL_1001055, EPI_ISL_1001056, EPI_ISL_1001057, EPI_ISL_1001058, EPI_ISL_1001059, EPI_ISL_1001060, EPI_ISL_1001061, EPI_ISL_1001062, EPI_ISL_1001063, EPI_ISL_1001064, EPI_ISL_1001065, EPI_ISL_1001066, EPI_ISL_1001067, EPI_ISL_1001068	see above	Centre Pasteur du Cameroun	Njoum Richard	
EPI_ISL_788933, EPI_ISL_788934, EPI_ISL_788935, EPI_ISL_788936, EPI_ISL_788937, EPI_ISL_788938	Centre de Recherche et de Formation en Infectiologie Guinée	TransVIHMI, IRD/INSERM/Monpellier University	Abdoul Karim SOUMAH; Abdoulaye TOURE; Ahidjo AYOUBA; Alimou CAMARA; Alpha Kabinet KEITA; Bouna; Bouna Yatassaye; Christelle BUTEL; Eric DELAPORTE; Jean-louis MONEMOU; Joel KOIVOGUI; Kaba KOUROUMA; Laetitia SERRANO; Mamadou Bhoey KEITA; Mamadou Saliou BAH; Mamadou Saliou SOW; Mandiou DIAKITE; Martine PEETERS; Moriba POVOGUI; Penda Malhado DIALLO; Sakoba KEITA	
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EPI_ISL_837550, EPI_ISL_837564, EPI_ISL_837565, EPI_ISL_837566, EPI_ISL_837568, EPI_ISL_837569, EPI_ISL_837570, EPI_ISL_837574, EPI_ISL_837575, EPI_ISL_837577	see above	Centro Nacional de Enfermedades Tropicales (CENTROP)	Laboratory of Respiratory Viruses and Measles, Oswaldo Cruz Institute, FIOCRUZ	Ana Carolina Mendonca; Anna Carolina Paixao; Cinthia Avila; Fernando Motta; Luciana Appolinario; Marilda Siqueira on behalf of the Fiocruz COVID-19 Genomic Surveillance Network; Paola Resende; Roxana Loayza
EPI_ISL_1023783, EPI_ISL_1023784, EPI_ISL_1023786, EPI_ISL_1023788, EPI_ISL_1023790, EPI_ISL_1023792, EPI_ISL_1023794, EPI_ISL_1023796, EPI_ISL_1023798, EPI_ISL_1023800, EPI_ISL_1023801, EPI_ISL_1023803, EPI_ISL_1023805, EPI_ISL_1023807, EPI_ISL_1023809, EPI_ISL_1023811, EPI_ISL_1023815, EPI_ISL_1023816, EPI_ISL_1023818, EPI_ISL_1023820, EPI_ISL_1023822, EPI_ISL_1023824, EPI_ISL_1023826, EPI_ISL_1023827, EPI_ISL_1023829, EPI_ISL_1023831, EPI_ISL_1023833, EPI_ISL_1023835, EPI_ISL_1023837, EPI_ISL_1023839, EPI_ISL_1023841, EPI_ISL_1023843, EPI_ISL_1023845	see above	Centro de Desenvolvimento Tecnológico em Saúde - CDTs	Centro de Desenvolvimento Tecnológico em Saúde - CDTs	A.D.; C.Q.; De Paula; F.B.; Ferreira; Fintelman-Rodrigues, N.; M.A. and Sacramento; Saraiva; Souza; T.M.
EPI_ISL_941104, EPI_ISL_941105, EPI_ISL_941106, EPI_ISL_941107, EPI_ISL_941108, EPI_ISL_941109, EPI_ISL_941110, EPI_ISL_941111, EPI_ISL_941112, EPI_ISL_941113, EPI_ISL_941114, EPI_ISL_941115, EPI_ISL_941116, EPI_ISL_941117, EPI_ISL_941118, EPI_ISL_941119, EPI_ISL_941120, EPI_ISL_941121, EPI_ISL_941122, EPI_ISL_941123, EPI_ISL_941125, EPI_ISL_941126, EPI_ISL_941127, EPI_ISL_941128, EPI_ISL_941129, EPI_ISL_941130, EPI_ISL_941131, EPI_ISL_941132, EPI_ISL_941133, EPI_ISL_941134, EPI_ISL_941135, EPI_ISL_941136, EPI_ISL_941137, EPI_ISL_941138, EPI_ISL_941139, EPI_ISL_941140, EPI_ISL_941141, EPI_ISL_941142, EPI_ISL_941143, EPI_ISL_941144, EPI_ISL_941145, EPI_ISL_941146, EPI_ISL_941147, EPI_ISL_941148, EPI_ISL_941149, EPI_ISL_941150, EPI_ISL_941151, EPI_ISL_941152, EPI_ISL_941153, EPI_ISL_941154, EPI_ISL_941155, EPI_ISL_941156, EPI_ISL_941157, EPI_ISL_941158, EPI_ISL_941159, EPI_ISL_941160, EPI_ISL_941161, EPI_ISL_941162	see above	Centro de Investigaciones en Microbiología y Biotecnología-UR (CIMBIUR), Facultad de Ciencias Naturales, Universidad del Rosario, Bogotá, Colombia	Centro de Investigaciones en Microbiología y Biotecnología-UR (CIMBIUR), Facultad de Ciencias Naturales, Universidad del Rosario, Bogotá, Colombia Icahn School of Medicine at Mount Sinai, New York, USA	Adriana van de Guchte; Alberto Paniz-Mondolfi; Alejandro Fedeg-Rivadeneira; Ana S. Gonzalez-Reiche; Andrés Angel; Carolina Flórez; Carolina Hernández; Emilia Mia Sordillo; Felipe González-Casabianca; Hale Alejei Alshammary; Harm van Bakel; Iván Carroll; Jaime Ascante; Jayetta Dutta; Juan David Ramírez; Luz Helena Patiño; Marina Muñoz; Matthew M. Hernandez; Mauricio Santos-Vega; Mónica Palma-Cuero; Nathalia Ballesteros; Sergio Gomez; Viviana Simon; Zenab Khan
EPI_ISL_941941, EPI_ISL_941944, EPI_ISL_941945, EPI_ISL_941946, EPI_ISL_941947, EPI_ISL_941948, EPI_ISL_941950, EPI_ISL_941952, EPI_ISL_941954, EPI_ISL_941959, EPI_ISL_941961, EPI_ISL_941962, EPI_ISL_941964, EPI_ISL_941965, EPI_ISL_941966, EPI_ISL_941967, EPI_ISL_941969, EPI_ISL_941970, EPI_ISL_941971, EPI_ISL_941972, EPI_ISL_941973, EPI_ISL_941974, EPI_ISL_941975, EPI_ISL_941976, EPI_ISL_941977, EPI_ISL_941978, EPI_ISL_941979, EPI_ISL_941980, EPI_ISL_941981, EPI_ISL_941982, EPI_ISL_941983, EPI_ISL_941995, EPI_ISL_941996, EPI_ISL_941997, EPI_ISL_941998, EPI_ISL_941999, EPI_ISL_942000, EPI_ISL_942001, EPI_ISL_942002, EPI_ISL_942003, EPI_ISL_942004, EPI_ISL_942005, EPI_ISL_942006, EPI_ISL_942007, EPI_ISL_942008, EPI_ISL_942009, EPI_ISL_942010, EPI_ISL_942011, EPI_ISL_942012, EPI_ISL_942013, EPI_ISL_942014, EPI_ISL_942015, EPI_ISL_942016, EPI_ISL_942017, EPI_ISL_942018, EPI_ISL_942019, EPI_ISL_942020, EPI_ISL_942021, EPI_ISL_942022, EPI_ISL_942023, EPI_ISL_942024, EPI_ISL_942025, EPI_ISL_942026, EPI_ISL_942027, EPI_ISL_942028, EPI_ISL_942029, EPI_ISL_942030, EPI_ISL_942031, EPI_ISL_942032, EPI_ISL_942033, EPI_ISL_942034, EPI_ISL_942035, EPI_ISL_942036, EPI_ISL_942037, EPI_ISL_942038, EPI_ISL_942039, EPI_ISL_942040, EPI_ISL_942041, EPI_ISL_942042, EPI_ISL_942043, EPI_ISL_942044, EPI_ISL_942045, EPI_ISL_942046, EPI_ISL_942047, EPI_ISL_942048, EPI_ISL_942049, EPI_ISL_942050, EPI_ISL_942051, EPI_ISL_942052, EPI_ISL_942053, EPI_ISL_942054, EPI_ISL_942055, EPI_ISL_942056, EPI_ISL_942057, EPI_ISL_942058, EPI_ISL_942059, EPI_ISL_942060, EPI_ISL_942061, EPI_ISL_942062, EPI_ISL_942063, EPI_ISL_942064, EPI_ISL_942065, EPI_ISL_942066, EPI_ISL_942067, EPI_ISL_942068, EPI_ISL_942069, EPI_ISL_942070, EPI_ISL_942071, EPI_ISL_942072, EPI_ISL_942073, EPI_ISL_942074, EPI_ISL_942075, EPI_ISL_942076, EPI_ISL_942077, EPI_ISL_942078, EPI_ISL_942079, EPI_ISL_942080, EPI_ISL_942081, EPI_ISL_942082, EPI_ISL_942083, EPI_ISL_942084, EPI_ISL_942085, EPI_ISL_942086, EPI_ISL_942087, EPI_ISL_942088, EPI_ISL_942089, EPI_ISL_942090, EPI_ISL_942091, EPI_ISL_942092, EPI_ISL_942093, EPI_ISL_942094, EPI_ISL_942095, EPI_ISL_942096, EPI_ISL_942097, EPI_ISL_942098, EPI_ISL_942099, EPI_ISL_942100, EPI_ISL_942101, EPI_ISL_942102, EPI_ISL_942103, EPI_ISL_942104, EPI_ISL_942105, EPI_ISL_942106, EPI_ISL_942107, EPI_ISL_942108, EPI_ISL_942109, EPI_ISL_942110, EPI_ISL_942111, EPI_ISL_942112, EPI_ISL_942113, EPI_ISL_942114, EPI_ISL_942115, EPI_ISL_942116, EPI_ISL_942117, EPI_ISL_942118, EPI_ISL_942119, EPI_ISL_942120, EPI_ISL_942121, EPI_ISL_942122, EPI_ISL_942123, EPI_ISL_942124, EPI_ISL_942125, EPI_ISL_942126, EPI_ISL_942127, EPI_ISL_942128, EPI_ISL_942129, EPI_ISL_942130, EPI_ISL_942131, EPI_ISL_942132, EPI_ISL_942133, EPI_ISL_942134, EPI_ISL_942135, EPI_ISL_942136, EPI_ISL_942137, EPI_ISL_942138, EPI_ISL_942139, EPI_ISL_942140, EPI_ISL_942141, EPI_ISL_942142, EPI_ISL_942143, EPI_ISL_942144, EPI_ISL_942145, EPI_ISL_942146, EPI_ISL_942147, EPI_ISL_942148, EPI_ISL_942149, EPI_ISL_942150, EPI_ISL_942151, EPI_ISL_942152, EPI_ISL_942153, EPI_ISL_942154, EPI_ISL_942155, EPI_ISL_942156, EPI_ISL_942157, EPI_ISL_942158, EPI_ISL_942159, EPI_ISL_942160, EPI_ISL_942161, EPI_ISL_942162, EPI_ISL_942163, EPI_ISL_942164, EPI_ISL_942165, EPI_ISL_942166, EPI_ISL_942167, EPI_ISL_942168, EPI_ISL_942169, EPI_ISL_942170, EPI_ISL_942171, EPI_ISL_942172, EPI_ISL_942173, EPI_ISL_942174, EPI_ISL_942175, EPI_ISL_942176, EPI_ISL_942177, EPI_ISL_942178, EPI_ISL_942179, EPI_ISL_942180, EPI_ISL_942181, EPI_ISL_942182, EPI_ISL_942183, EPI_ISL_942184				

EPI_ISL_861668, EPI_ISL_882659	Centro de Triagem Covid19	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valesa Ramos Gomes; Karoline Rodrigues Campos
EPI_ISL_861714	Cerba	CERBA LAB	Costa JM; Haim-Boukobza S.; Hedbaut E; Lecorche E; Malek Ramdane; Olivi M; Roquebert B; Trombert S; Verdurme L
EPI_ISL_1001461	Cerballiance	Cerba	Haim-Boukobza S; Lecorche E; Meyer S; Roig JC; Roquebert B; Trombert-Paolantoni S
EPI_ISL_861503	Cerballiance Alpes Durance	CERBA LAB	Dyen P; Prots L
EPI_ISL_1005688	Cerballiance Antony Velpeau	Cerba	Benazra M; Collin T; Delaplace E; Gresset N; Haim-Boukobza S; Lecorche E; Lesenne A; Olivi M; Ricard B; Roquebert B; Trombert-Paolantoni S
EPI_ISL_1009667	Cerballiance Bourg-la-Reine	Cerba	Benazra M; Collin T; Delaplace E; Gresset N; Haim-Boukobza S; Lecorche E; Lesenne A; Olivi M; Ricard B; Roquebert B; Trombert-Paolantoni S
EPI_ISL_1001465, EPI_ISL_1001467	Cerballiance Carpentras CV	Cerba	Haim-Boukobza S; Lecorche E; Meyer S; Roig JC; Roquebert B; Trombert-Paolantoni S
EPI_ISL_861497, EPI_ISL_861500, EPI_ISL_861501, EPI_ISL_861502	Cerballiance Centre Est	CERBA LAB	Chanard C; Chanard E; Gazzano V; Munier C; Prots L
EPI_ISL_1009618	Cerballiance Carrières-le-Buisson	Cerba	Benazra M; Collin T; Delaplace E; Gresset N; Haim-Boukobza S; Lecorche E; Lesenne A; Olivi M; Ricard B; Roquebert B; Trombert-Paolantoni S
EPI_ISL_860716, EPI_ISL_861488, EPI_ISL_861489, EPI_ISL_861490, EPI_ISL_861491, EPI_ISL_861492, EPI_ISL_861493, EPI_ISL_861494, EPI_ISL_861495, EPI_ISL_861496, EPI_ISL_871876	Cerballiance Côte d'Azur	CERBA LAB	; Aankour N; Adjtoutah Z; Adoul O; Barrieu-Moussat S; Barrieu-Moussat S.; Barsanti M; Bausset O; Boudjahem Z; Chaudet L; Chobert F; Costa JM; De La Chapelle A; Francois J; Gandillet A; Gastaud S; Haim-Boukobza S.; Hedbaut E; Jaugin P; Juvet O; Lecorche E; Malek Ramdane; Maltese S; Mangiarotti T; Marcadal M; Marius M; Martin L; Morello V; Olivi M; Pichon R; Pichon R. Quintle S; Prots L; Prots L.; Prots L. Raimondi V.; Prots L.; Roman E; Roquebert B; Sanza O; Sinsoulieu T; Trombert S; Van Der Rhyn I; Verdurme L; Viltard B
EPI_ISL_1003769	Cerballiance Endoume	Cerba	Haim-Boukobza S; Lecorche E; Meyer S; Roig JC; Roquebert B; Trombert-Paolantoni S
EPI_ISL_1011752	Cerballiance Grigny	Cerba	Benazra M; Collin T; Delaplace E; Gresset N; Haim-Boukobza S; Lecorche E; Lesenne A; Olivi M; Ricard B; Roquebert B; Trombert-Paolantoni S
EPI_ISL_1001466	Cerballiance Haifa	Cerba	Haim-Boukobza S; Lecorche E; Meyer S; Roig JC; Roquebert B; Trombert-Paolantoni S
EPI_ISL_861508	Cerballiance Haut de France	CERBA LAB	Felloni C; Lahmidi S.; Mainardi A
EPI_ISL_1005687	Cerballiance Lardy	Cerba	Benazra M; Collin T; Delaplace E; Gresset N; Haim-Boukobza S; Lecorche E; Lesenne A; Olivi M; Ricard B; Roquebert B; Trombert-Paolantoni S
EPI_ISL_1001573	Cerballiance Luynes	Cerba	Haim-Boukobza S; Lecorche E; Meyer S; Roig JC; Roquebert B; Trombert-Paolantoni S
EPI_ISL_1005684	Cerballiance Monthléry	Cerba	Benazra M; Collin T; Delaplace E; Gresset N; Haim-Boukobza S; Lecorche E; Lesenne A; Olivi M; Ricard B; Roquebert B; Trombert-Paolantoni S
EPI_ISL_1005685	Cerballiance Monthéry	Cerba	Benazra M; Collin T; Delaplace E; Gresset N; Haim-Boukobza S; Lecorche E; Lesenne A; Olivi M; Ricard B; Roquebert B; Trombert-Paolantoni S
EPI_ISL_871789, EPI_ISL_871792	Cerballiance Normandie	CERBA LAB	BRIAND G; COUDRAY J; COULON C; HAMEL A.; LAFOREST D; LEPIGEON; MARTINS-AMARAL F; THOMAS Johan; VITEL R; technicien V
EPI_ISL_1004174	Cerballiance Port de Bouc	Cerba	Haim-Boukobza S; Lecorche E; Meyer S; Roig JC; Roquebert B; Trombert-Paolantoni S
EPI_ISL_1001463	Cerballiance Port de bouc	Cerba	Haim-Boukobza S; Lecorche E; Meyer S; Roig JC; Roquebert B; Trombert-Paolantoni S
EPI_ISL_861504, EPI_ISL_861505, EPI_ISL_861506, EPI_ISL_861507	Cerballiance Provence	CERBA LAB	Delaunay E; Prots L.; Roig JC
EPI_ISL_1000968, EPI_ISL_1001462	Cerballiance Provence	Cerba	Haim-Boukobza S; Lecorche E; Meyer S; Roig JC; Roquebert B; Trombert-Paolantoni S
EPI_ISL_1002710	Cerballiance Rouviere	Cerba	Haim-Boukobza S; Lecorche E; Meyer S; Roig JC; Roquebert B; Trombert-Paolantoni S
EPI_ISL_862046, EPI_ISL_862047	Cerballiance Val de Loire	CERBA LAB	Abs G.
EPI_ISL_1060597	Cerballiance Vauréal	Cerba	Benazra M; Haim-Boukobza S; Lecorche E; Olivi M; Roquebert B; Trombert-Paolantoni S
EPI_ISL_855551	Cerballiance Wilson	CERBA LAB	Costa JM; Haim-Boukobza S; Herhira S; Lecorche E; Malek R; Merah K; Olivi M; Roquebert B; Trombert S; Verdurme L; Zimmer S
EPI_ISL_1009674	Cerballiance Wilson	Cerba	Benazra M; Haim-Boukobza S; Lecorche E; Merah K; Olivi M; Roquebert B; Trombert-Paolantoni S
EPI_ISL_848200, EPI_ISL_848201, EPI_ISL_848202	Charité Universitätsmedizin Berlin, Institute of Virology, Charitéplatz 1, 10117 Berlin, Germany	Charité Universitätsmedizin Berlin, Institute of Virology, Charitéplatz 1, 10117 Berlin, Germany	Barbara Mühlemann; Christian Drostén; Julia Schneider; Julia Tesch; Jörn Beheim-Schwarzbach; Talitha Veith; Terry Jones; Tobias Bleicker; Victor M Corman
EPI_ISL_877422	Citra Medika Hospital	Institute of Tropical Disease, Universitas Airlangga	Aldise M Nastri; Gatot Soegiarto; Jezzy R Dewantari; Kazufumi Shimizu; Krisnodo Rahardjo; Laksmi Wulandari; Maria I Lusida; Resti Yudhawati; Rima R Prasetya; Soetjipto; Wahidah Rachmaniyah; Yasuko Mori
EPI_ISL_1017711	Clinica del norte	Instituto Nacional de Salud- Dirección de Investigación en Salud Pública	Carlos Franco-Muñoz; Diego A. Álvarez-Díaz; Diego Andrés Prada; Gerardo Santamaría; Hector Alejandro Ruiz-Moreno; Jhonnatan Reales-González; Julian Naizaque; Katherine Laiton-Donato; Magdalena Wiesner; Marcela Mercado-Reyes; Maria T. Herrera-Sepúlveda; Martha Lucia Ospina Martinez; Sheryll Corchuelo
EPI_ISL_1005699	Clinical Laboratory, Vetsuisse Faculty, University of Zurich	Department of Biosystems Science and Engineering, ETH Zürich	Chaoran Chen; Christian Beisel; David Dreifuss; Elodie Burcklen; Ina Nissen; Ivan Topolsky; Julia Klaus; Katharina Jahn; Lara Fuhrmann; Marina Luisa Meli; Natascha Santacroce; Niko Beerenwinkel; Philipp Jablonski; Rebecca Denes; Regina Hofmann-Lehmann; Sarah Nadeau; Tanja Stadler
EPI_ISL_949248	Cliniques Saint-Pierre Ottignies	UCLouvain/REC/MBLG	Benoit Kabamba Mukadi; Jean Ruelle; Lysa Pinsmaye
EPI_ISL_949244, EPI_ISL_949245, EPI_ISL_949246, EPI_ISL_949247, EPI_ISL_949249, EPI_ISL_949250, EPI_ISL_949251, EPI_ISL_949252, EPI_ISL_949253, EPI_ISL_1029957, EPI_ISL_1029958, EPI_ISL_1029959, EPI_ISL_1029960, EPI_ISL_1029961, EPI_ISL_1029962, EPI_ISL_1029963, EPI_ISL_1029964, EPI_ISL_1029965, EPI_ISL_1029966, EPI_ISL_1029967, EPI_ISL_1029968, EPI_ISL_1029969,	Cliniques universitaires Saint-Luc	UCLouvain/REC/MBLG	Benoit Kabamba Mukadi; Jean Ruelle; Lysa Pinsmaye
EPI_ISL_862652, EPI_ISL_862653	Clinica Universidad de Navarra	Instituto de Salud Carlos III	A. Monzón; F. Casas; I. Fernández, M.; I. Jiménez; Iglesias-Caballero; M. Pozo; M. Cuesta; M. González-Esguevillas; M. Zaballos; M.Camarero; P. Jiménez; S. Juliá; S. Molinero Calamita; S. Varona
EPI_ISL_1055211, EPI_ISL_1055212, EPI_ISL_1055216, EPI_ISL_1055220, EPI_ISL_1055225, EPI_ISL_1055239, EPI_ISL_1055250, EPI_ISL_1055252, EPI_ISL_1055253	Community Testing Centre	Hong Kong Department of Health	Chan Rickjason C.W.; Lam Edman T.K.; Mak Gannon C.K.; Tsang Dominic N.C.
EPI_ISL_862544, EPI_ISL_862553, EPI_ISL_862554, EPI_ISL_862555	Compejo Hospitalario Xeral-Calde	Instituto de Salud Carlos III	A. Monzón; F. Casas; I. Alonso, P.; I. Jiménez; Iglesias-Caballero; M. Pozo; M. Cuesta; M. González-Esguevillas; M. Zaballos; M.Camarero; P. Jiménez; S. Juliá; S. Molinero Calamita; S. Varona
EPI_ISL_913038	Complejo Asistencial Universitario de Burgos	Instituto de Salud Carlos III	A. Monzón; F. Casas; I. Jiménez; I. Megías, G.; Iglesias-Caballero; M. Camarero; P. Zaballos; S. Cuesta; S. Pozo; S. Sandonis; S. Varona; V. Vázquez
EPI_ISL_913052, EPI_ISL_913053, EPI_ISL_954785	Complejo Asistencial Universitario de Salamanca	Instituto de Salud Carlos III	A. Monzón; F. Casas; I. Jiménez; I. Ávila, A.; Iglesias-Caballero; M. Camarero; P. Zaballos; S. Cuesta; S. Pozo; S. Sandonis; S. Varona; V. Vázquez
EPI_ISL_954789, EPI_ISL_954794, EPI_ISL_954800, EPI_ISL_954807, EPI_ISL_954808	Complejo Hospitalario Universitario La Coruña	Instituto de Salud Carlos III	A. Monzón; F. Casas; I. Jiménez; I. Peña, F.; Iglesias-Caballero; M. Camarero; P. Zaballos; S. Cuesta; S. Pozo; S. Sandonis; S. Varona; V. Vázquez
EPI_ISL_913024, EPI_ISL_913495	Complejo Hospitalario Universitario de Santiago	Instituto de Salud Carlos III	A. Monzón; F. Casas; I. Jiménez; I. Peña, F.; Iglesias-Caballero; M. Camarero; P. Zaballos; S. Cuesta; S. Pozo; S. Sandonis; S. Varona; V. Vázquez
EPI_ISL_913039	Complejo Hospitalario Xeral-Calde	Instituto de Salud Carlos III	A. Monzón; F. Casas; I. Alonso, P.; I. Jiménez; Iglesias-Caballero; M. Camarero; P. Zaballos; S. Cuesta; S. Pozo; S. Sandonis; S. Varona; V. Vázquez
EPI_ISL_862550, EPI_ISL_862552, EPI_ISL_862570, EPI_ISL_862571, EPI_ISL_862572, EPI_ISL_862645, EPI_ISL_862646, EPI_ISL_862647, EPI_ISL_862648, EPI_ISL_862649, EPI_ISL_862650, EPI_ISL_862651, EPI_ISL_954784, EPI_ISL_954786, EPI_ISL_954791, EPI_ISL_954802, EPI_ISL_954804, EPI_ISL_965933, EPI_ISL_965937, EPI_ISL_965942, EPI_ISL_965943, EPI_ISL_965944, EPI_ISL_965950, EPI_ISL_965956	Complejo Hospitalario de Navarra	Instituto de Salud Carlos III	A. Monzón; F. Casas; I. Ezpeleta, C.; I. Jiménez; I. Navascués, A.; Iglesias-Caballero; M. Pozo; M. Camarero; M. Cuesta; M. González-Esguevillas; M. Sandonis; M. Zaballos; M.Camarero; P. Jiménez; P. Zaballos; S. Camarero; S. Cuesta; S. Iglesias-Caballero; S. Juliá; S. Molinero Calamita; S. Pozo; S. Sandonis; S. Varona; Sandonis; V. Vázquez
EPI_ISL_861683	Complexo Hospitalar Padre Bento de Guarulhos	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valesa Ramos Gomes; Karoline Rodrigues Campos
EPI_ISL_872191, EPI_ISL_872192	Conjunto Hospitalar do Mandoaqui de Sao Paulo	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Ana Lucia de Carvalho Avelino; Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valesa Ramos Gomes; Fabiana Cristina Pereira dos Santos; Karoline Rodrigues Campos; Katia Correa de Oliveira Santos
EPI_ISL_862546, EPI_ISL_862547, EPI_ISL_862557, EPI_ISL_862558, EPI_ISL_862559, EPI_ISL_862560, EPI_ISL_862561, EPI_ISL_862562, EPI_ISL_862563, EPI_ISL_862566, EPI_ISL_862641, EPI_ISL_862642, EPI_ISL_862643, EPI_ISL_862644, EPI_ISL_913041, EPI_ISL_913059	Consejería de Sanidad y Asuntos Sociales	Instituto de Salud Carlos III	A. Monzón; F. Casas; I. Gutiérrez, G.; I. Jiménez; Iglesias-Caballero; M. Camarero; M. Cuesta; M. González-Esguevillas; M. Pozo; M. Zaballos; P. Jiménez; P. Zaballos; S. Cuesta; S. Juliá; S. Molinero Calamita; S. Pozo; S. Sandonis; S. Varona; V. Vázquez
EPI_ISL_965921, EPI_ISL_965938, EPI_ISL_965952, EPI_ISL_965957	Consejería de Sanidad y Asuntos Sociales de Castilla La Mancha	Instituto de Salud Carlos III	A. Monzón; F. Casas; I. Gutiérrez, G.; I. Jiménez; Iglesias-Caballero; M. Camarero; M. Sandonis; P. Zaballos; S. Camarero; S. Cuesta; S. Iglesias-Caballero; S. Pozo; S. Varona; Sandonis; V. Camarero; V. Vázquez; Vázquez

EPI_ISL_1084726, EPI_ISL_1084730, EPI_ISL_1084737, EPI_ISL_1084738, EPI_ISL_1084740	DB Diagnosticos do Brasil	Laboratório de Parasitologia Médica - Instituto de Medicina Tropical - Universidade de São Paulo	Brazil-UK Centre for Arbovirus Discovery Diagnosis Genomics and Epidemiology (CADDE) Genomic Network - Instituto de Medicina Tropical
EPI_ISL_833050, EPI_ISL_833051, EPI_ISL_833057, EPI_ISL_833058, EPI_ISL_833059, EPI_ISL_833060, EPI_ISL_833061, EPI_ISL_833062, EPI_ISL_833063, EPI_ISL_833064, EPI_ISL_833065, EPI_ISL_833066, EPI_ISL_833067, EPI_ISL_961078, EPI_ISL_961079, EPI_ISL_961080, EPI_ISL_961083, EPI_ISL_961094, EPI_ISL_961095, EPI_ISL_1055818	see above	DIP. PREV. AVEZZANO SERVIZIO DI IGIENE EPIDEMIOLOGIAE SANITA' PUBBLICA	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"
EPI_ISL_849635, EPI_ISL_849636	EPI_ISL_849635, EPI_ISL_849636	DIPARTIMENTO PREVENZIONE AVEZZANO-SERVIZIO DI IGIENE EPIDEMIOLOGIA E SANITA' PUBBLICA	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"
EPI_ISL_806758, EPI_ISL_806759, EPI_ISL_806760, EPI_ISL_806761, EPI_ISL_806763, EPI_ISL_806764, EPI_ISL_806765, EPI_ISL_806781, EPI_ISL_806782, EPI_ISL_833283, EPI_ISL_833301	see above	DIPARTIMENTO PREVENZIONE AVEZZANO-SERVIZIO DI IGIENE EPIDEMIOLOGIA E SANITA' PUBBLICA	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"
EPI_ISL_794658	DIRECCION DE SANIDAD POLICIA NACIONAL	Instituto Nacional de Salud - Dirección de Investigación en Salud Pública	Carlos Franco-Muñoz; Diego A. Álvarez-Díaz; Diego Andrés Prada; Gerardo Santamaría; Jonathan Reales; Julian Naizaque; Katherine Laiton-Donato; Magdalena Wiesner; Marcela Mercado-Reyes; María T. Herrera; Martha Lucia Ospina Martínez; Mauricio Pacheco-Montalegre; Paola Muñoz-Laiton; Sheryll Corchuelo
EPI_ISL_906551	DIRECCION DEPARTAMENTAL DE SALUD DE AMAZONAS	Instituto Nacional de Salud- Dirección de Investigación en Salud Pública, Universidad de los Andes- Applied genomics research group, Vicerrectoría de Investigación y Creación, Universidad de los Andes- Systems and Computing Engineering Department	Carlos Franco-Muñoz; Diego A. Álvarez-Díaz; Diego Andrés Prada; Gerardo Santamaría Jorge Dutama; Héctor Alejandro Ruiz-Moreno; Jhonnatan Reales-González; Jorge Ivan Díaz; Julian Naizaque; Katherine Laiton-Donato; Laura Natalia Gonzalez; Magdalena Wiesner; Marcela Mercado-Reyes; María T. Herrera-Sepúlveda; Martha Lucia Ospina Martínez; Mauricio Pacheco-Montalegre; Sheryll Corchuelo; Silvia Restrepo-Restrepo
EPI_ISL_1059902	DNA Laboratories Sdn. Bhd.	Malaysia Genome Institute	Azrin Ahmad; Eniziza Kasim; Irfni Suhayu Sapian; Mohd Faizal Abu Bakar; Mohd Noor Mat Isa; Nor Azfa Johari.; Nurhzeeren Md Iqbal; Shamsidar Sopie; Siti Noraini Othman; Wong Yong Wee; Yusuf Muhammad Noor
EPI_ISL_747283	DNA SOLUTION LTD.	DNA SOLUTION LTD.	Abdul Khaleque; Abu Sufian; Firoz Kabir; Jannatun Naima; Kazi Nadim Hasan; Md. Imran Khan; Mizanur Rahman; Mohammad Fazle Alam Rabbi; Sharif Akhteruzzaman
EPI_ISL_812729, EPI_ISL_812739, EPI_ISL_812741, EPI_ISL_812749	DOHMH Central Harlem	New York City Public Health Laboratory	Jade Wang; et al.
EPI_ISL_812726, EPI_ISL_812732, EPI_ISL_812733, EPI_ISL_812740, EPI_ISL_812742, EPI_ISL_812743, EPI_ISL_812744, EPI_ISL_812746, EPI_ISL_812747, EPI_ISL_812748, EPI_ISL_812750, EPI_ISL_812751, EPI_ISL_812760	see above	DOHMH Corona	Jade Wang; et al.
EPI_ISL_812725, EPI_ISL_812726, EPI_ISL_812727, EPI_ISL_812731	DOHMH Crown Heights	New York City Public Health Laboratory	Jade Wang; et al.
EPI_ISL_812728, EPI_ISL_812745, EPI_ISL_812759	DOHMH Jamaica	New York City Public Health Laboratory	Jade Wang; et al.
EPI_ISL_812735, EPI_ISL_812736, EPI_ISL_812737, EPI_ISL_812753, EPI_ISL_812754, EPI_ISL_812755, EPI_ISL_812756, EPI_ISL_812757	see above	DOHMH Morrisania	Jade Wang; et al.
EPI_ISL_812722, EPI_ISL_812723, EPI_ISL_812724	DOHMH PHL	New York City Public Health Laboratory	Jade Wang; et al.
EPI_ISL_812728, EPI_ISL_812745, EPI_ISL_812759	DOHMH Riverside	New York City Public Health Laboratory	Jade Wang; et al.
EPI_ISL_794661	DRECCION DE SANIDAD POLICIA NACIONAL	Instituto Nacional de Salud - Dirección de Investigación en Salud Pública	Carlos Franco-Muñoz; Diego A. Álvarez-Díaz; Diego Andrés Prada; Gerardo Santamaría; Jonathan Reales; Julian Naizaque; Katherine Laiton-Donato; Magdalena Wiesner; Marcela Mercado-Reyes; María T. Herrera; Martha Lucia Ospina Martínez; Mauricio Pacheco-Montalegre; Paola Muñoz-Laiton; Sheryll Corchuelo
EPI_ISL_877459	Darmo Hospital	Institute of Tropical Disease, Universitas Airlangga	Aldise M Nastri; Gatot Soegiarto; Jezza R Dewantari; Kazufumi Shimizu; Krisnoadi Rahardjo; Laksmi Wulandari; Maria I Lusida; Resti Yudhawati; Rima R Prasetya; Soetjipto; Sulung Budianto; Yasuko Mori
EPI_ISL_877420, EPI_ISL_882770	Darus Syifa' Islamic Hospital	Institute of Tropical Disease, Universitas Airlangga	Aldise M Nastri; Gatot Soegiarto; HM Faiz; Jezza R Dewantari; Kazufumi Shimizu; Krisnoadi Rahardjo; Laksmi Wulandari; Maria I Lusida; Resti Yudhawati; Rima R Prasetya; Soetjipto; Yasuko Mori
EPI_ISL_861672, EPI_ISL_906065	Day Hospital de Ermelino Matarazzo	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valessa Ramos Gomes; Karoline Rodrigues Campos
EPI_ISL_833041	Defence Services Medical Research Center, Biological Research Laboratory	Defence Services Medical Research Center, Biological Research Laboratory	Khine Zaw Oo; Ko Ko Lwin; Ko Ko Win; Kyaw Wanna; Kyeel Myint; Nay Myo Aung; Phyo Kyaw Aung; Sat Paing Htoo; Thein Zaw; Zaw Win Htun
EPI_ISL_1096142, EPI_ISL_1096983, EPI_ISL_1096985	Departamento de Cuidados Intensivos-Unidad de Investigación Médica en Inmunquímica, UMAE Hospital de Especialidades "Bernardo Sepúlveda Gutiérrez", Centro Médico Nacional Siglo XXI, Instituto Mexicano del Seguro Social (IMSS). México.	Laboratorio de Secuenciación-Centro de Instrumentos, IMSS México [Unidad de Investigación Médica en Inmunquímica, UMAE Hospital de Especialidades "Bernardo Sepúlveda Gutiérrez", Centro Médico Nacional Siglo XXI, Instituto Mexicano del Seguro Social (IMSS), México.	Alejandro Torres Flores; Arturo Cérbulu-Vázquez; Aura Angélica López García; Carolina González-Torres; Constantino López-Macias.; César Raúl González-Bonilla; Eduardo Ferat-Osorio; Elizabeth Rubí Duran Castañeda; Horacio Zamudio-Meza; Javier Gaytán-Cervantes; Jesús Mena López; Joaquín González-Ibarra; José Manuel Ruiz Rincón; Juan Carlos Guerrero Escobar; Lourdes Arriaga-Pizano; Luis Sánchez Hurtado; Zuleima Maldonado Galeana
EPI_ISL_1096141	Departamento de Cuidados Intensivos-Unidad de Investigación Médica en Inmunquímica, UMAE Hospital de Especialidades "Bernardo Sepúlveda Gutiérrez", Centro Médico Nacional Siglo XXI, Instituto Mexicano del Seguro Social (IMSS). México.	Laboratorio de Secuenciación-Centro de Instrumentos, IMSS México [Unidad de Investigación Médica en Inmunquímica, UMAE Hospital de Especialidades "Bernardo Sepúlveda Gutiérrez", Centro Médico Nacional Siglo XXI, Instituto Mexicano del Seguro Social (IMSS), México.	Alejandro Torres Flores; Arturo Cérbulu-Vázquez; Aura Angélica López García; Carolina González-Torres; Constantino López-Macias.; César Raúl González-Bonilla; Eduardo Ferat-Osorio; Elizabeth Rubí Duran Castañeda; Horacio Zamudio-Meza; Javier Gaytán-Cervantes; Jesús Mena López; Joaquín González-Ibarra; José Manuel Ruiz Rincón; Juan Carlos Guerrero Escobar; Lourdes Arriaga-Pizano; Luis Sánchez Hurtado; Zuleima Maldonado Galeana
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EPI_ISL_979970, EPI_ISL_979971, EPI_ISL_979972, EPI_ISL_979973	Department of Respiratory and other Viral Infections of L.V.Gromashevsky Institute of Epidemiology & Infectious Diseases NAMS of Ukraine	Department of Respiratory and other Viral Infections of L.V.Gromashevsky Institute of Epidemiology & Infectious Diseases NAMS of Ukraine, JSC "Farmak"	Alla Mironenko; Andriy Goy; Ihor Kravchuk; Larysa Radchenko; Ludmyla Bolotova; Natalia Teteriuk
EPI_ISL_1073021	Department of Virology	Department of Virology	Aamer Ikram; Massab Umair; Muhammad Salman; Nazish Badar
EPI_ISL_757285	Department of Virology, Public Health Laboratories Division	Department of Virology, Public Health Laboratories Division	Aamer Ikram; Massab Umair; Muhammad Salman
EPI_ISL_751239, EPI_ISL_751240, EPI_ISL_751241, EPI_ISL_751242, EPI_ISL_751243, EPI_ISL_751244, EPI_ISL_751245, EPI_ISL_751246, EPI_ISL_751248, EPI_ISL_751249, EPI_ISL_751250, EPI_ISL_751251, EPI_ISL_751252, EPI_ISL_751253, EPI_ISL_751254, EPI_ISL_751255, EPI_ISL_751256, EPI_ISL_751257, EPI_ISL_751258, EPI_ISL_751259, EPI_ISL_751260, EPI_ISL_751261, EPI_ISL_751262, EPI_ISL_751263, EPI_ISL_751265, EPI_ISL_751266, EPI_ISL_751267, EPI_ISL_751268, EPI_ISL_751271, EPI_ISL_751272, EPI_ISL_751273, EPI_ISL_751274, EPI_ISL_751275, EPI_ISL_751276, EPI_ISL_751277, EPI_ISL_751278, EPI_ISL_751279, EPI_ISL_751280, EPI_ISL_751281, EPI_ISL_751282, EPI_ISL_751283, EPI_ISL_751284, EPI_ISL_751285, EPI_ISL_751286, EPI_ISL_751287, EPI_ISL_751288, EPI_ISL_751289, EPI_ISL_751290, EPI_ISL_751291, EPI_ISL_751292, EPI_ISL_751293, EPI_ISL_751294, EPI_ISL_751295, EPI_ISL_751296, EPI_ISL_751297, EPI_ISL_751298, EPI_ISL_751299, EPI_ISL_751300, EPI_ISL_751301, EPI_ISL_751302, EPI_ISL_751303, EPI_ISL_751304, EPI_ISL_751305, EPI_ISL_751306, EPI_ISL_751307, EPI_ISL_751308, EPI_ISL_751309, EPI_ISL_751310, EPI_ISL_751311, EPI_ISL_751312, EPI_ISL_751313, EPI_ISL_751315, EPI_ISL_751317	Devki Devi Foundation, a unit of Max Healthcare	CSIR-IGIB/Max	Akansha Tyagi; Akshay Kanakan; Anurag Agrawal; Bansidhar Tarai; Janani Srinivasa Vasudevan; Mitali Mukerji; Mohammed Faruq; Poonam Das; Rajesh Pandey#; Ranjeet Maurya; Samreen Siddiqui; Sujeet Jha; Uzma Shamim
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EPI_ISL_954750	Diagen	Diagen	Koliada O
EPI_ISL_763074, EPI_ISL_763075, EPI_ISL_1086034, EPI_ISL_1086037, EPI_ISL_1086038, EPI_ISL_1086039, EPI_ISL_1086040, EPI_ISL_1086041, EPI_ISL_1086042, EPI_ISL_1086043, EPI_ISL_1092725, EPI_ISL_1096121, EPI_ISL_1096135	Diagnosticos da America - DASA	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Caio Vinicius Dias Lopes; Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valessa Ramos Gomes; Karoline Rodrigues Campos
EPI_ISL_754241	Dinkes Tasikmalaya	"School of Life Sciences and Technology & School of Pharmacy-Institut Teknologi Bandung; Molecular Genetics Laboratory-Faculty of Medicine-Universitas Padjadjaran; Laboratorium Kesehatan Provinsi Jawa Barat"	Agung Eru Wibowo; Azzania Fibriani; Catur Riani; Cut Nur Cinthia Alamanda; Ema Rahmawati; Hammam Riza; Hesti Lina Wiraswati; Husna Nugrahapraja; Irvan Faizal; Karimatu Khoirunnisa; Lia Faridah; Marselina Irasonia Tan; Miftahul Faridi; Rifky Waluyajati Rachman; Ryan Bayusantika Ristandi; Savira Ekawardhani; Soni Solistia Wirawan; Tarwadi; Yunia Sriudiani
EPI_ISL_1020197	Dinkes, Bogor, West Java	Biosafety Level-3 Laboratory, Indonesian Institute of Sciences (LIPI)	Ade Andriani; Anik Budhi Dharmayanthi; Asep M. Ridwanuloh; Eko Wahyu Putro; Gita Syahputra; Hariyatun; Inswasti Cahyani; Matthew W. Loose; Mohammad Ilyas; Susanti; Syam Budi Iryanto; Wien Kusharyoto
EPI_ISL_961730, EPI_ISL_961734, EPI_ISL_961747	Dipartimento Prevenzione Avezzano-Servizio Igiene epidemiologia Sanità Pubblica	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G; Scialabba S
EPI_ISL_906529	Dirección de departamental de salud del Amazonas	Instituto Nacional de Salud- Dirección de Investigación en Salud Pública, Universidad de los Andes- Applied genomics research group, Vicerrectoría de Investigación y Creación, Universidad de los Andes- Systems and Computing Engineering Department	Carlos Franco-Muñoz; Diego A. Álvarez-Díaz; Diego Andrés Prada; Gerardo Santamaría Jorge Duitama; Héctor Alejandro Ruiz-Moreno; Jhonnatan Reales-González; Jorge Ivan Díaz; Julian Naizaque; Katherine Laiton-Donato; Laura Natalia Gonzalez; Magdalena Wiesner; Marcela Mercado-Reyes; María T. Herrera-Sepúlveda; Martha Lucia Ospina Martínez; Mauricio Pacheco-Montealegre; Sheryll Corchuelo; Silvia Restrepo-Restrepo
EPI_ISL_902736	Dirección Departamental de Salud de Pública Leticia	Instituto Nacional de Salud- Dirección de Investigación en Salud Pública, Universidad de los Andes- Applied genomics research group, Vicerrectoría de Investigación y Creación, Universidad de los Andes- Systems and Computing Engineering Department	Carlos Franco-Muñoz; Diego A. Álvarez-Díaz; Diego Andrés Prada; Jorge Duitama; Jorge Ivan Díaz; Katherine Laiton-Donato; Laura Natalia Gonzalez; Magdalena Wiesner; Marcela Mercado-Reyes; María T. Herrera-Sepúlveda; Martha Lucia Ospina Martínez; Mauricio Pacheco-Montealegre; Paola Muñoz-Laiton; Sheryll Corchuelo
EPI_ISL_845621, EPI_ISL_845622, EPI_ISL_845623, EPI_ISL_845624, EPI_ISL_845625	Dirección de Sanidad Ejército	Instituto Nacional de Salud - Dirección de Investigación en Salud Pública	Carlos Franco-Muñoz; Diego A. Álvarez-Díaz; Diego Andrés Prada; Gerardo Santamaría; Jonathan Reales; Julian Naizaque; Katherine Laiton-Donato; Magdalena Wiesner; Marcela Mercado-Reyes; María T. Herrera-Sepúlveda; Martha Lucia Ospina Martínez; Mauricio Pacheco-Montealegre; Paola Muñoz-Laiton; Sheryll Corchuelo
EPI_ISL_1041030	Dr. Cipto Mangunkusumo (RSCM) Hospital	Faculty of Medicine, Universitas Indonesia	Ari Fahrial Syam; Mei Riasanti; Rani Dwi Ningtias; Rina La Distia Nora
EPI_ISL_906769, EPI_ISL_906775	Dr. Leonard A. Miller Centre for Health Services	National Microbiology Laboratory (NML)	Anna Majer; Anneliese Landgraff; CanCOGeN's metadata curation team; Darian Hole; Elsie Grudski; Gary Van Domselaar; George Zahariadis; Grace Seo; Jennifer Tanner; Kerri Smith; Laura Gilbert; Madison Chapel; Morag Graham; Natalie Knox; Nathalie Bastien; Philip Mabon; Public Health Agency of Canada CanCOGeN team; Rhiannon Huzarewicz; Robert Needle; Russell Mandes; Shari Tyson; Timothy Booth; Yan Li; Yang Yu
EPI_ISL_906545	E.S.E. HOSPITAL SAN JOSE DE MAICAO	Instituto Nacional de Salud- Dirección de Investigación en Salud Pública, Universidad de los Andes- Applied genomics research group, Vicerrectoría de Investigación y Creación, Universidad de los Andes- Systems and Computing Engineering Department	Carlos Franco-Muñoz; Diego A. Álvarez-Díaz; Diego Andrés Prada; Gerardo Santamaría Jorge Duitama; Héctor Alejandro Ruiz-Moreno; Jhonnatan Reales-González; Jorge Ivan Díaz; Julian Naizaque; Katherine Laiton-Donato; Laura Natalia Gonzalez; Magdalena Wiesner; Marcela Mercado-Reyes; María T. Herrera-Sepúlveda; Martha Lucia Ospina Martínez; Mauricio Pacheco-Montealegre; Sheryll Corchuelo; Silvia Restrepo-Restrepo
EPI_ISL_765478	EHPAD	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Angela Brisebarre; Camille Capel; Etienne Simon-Lorière; Marion Barbet; Maud Vanpeene; Méline Bizard; Sylvie Behillili; Sylvie van der Werf; Vincent Enouf
EPI_ISL_862849, EPI_ISL_862850, EPI_ISL_862851, EPI_ISL_862879	Ehime Prefectural Central Hospital	Fujita health University, School of Medicine, Department of Microbiology	Masahiro suzuki; Yohei Doi
EPI_ISL_889005	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Amin Soebandrio; Edison Johar; Frilasita A Yudhaputri; Hidayat Trimarsanto; Iskandar Adnan; Khin Saw Myint; Lydia V. Panggalo; Safarina G Malik; Sukma Oktavianthi; Willy Agustine
EPI_ISL_1036217	FONDAZIONE PICCOLA OPERA CARITAS	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G; Scialabba S
EPI_ISL_833046, EPI_ISL_833068, EPI_ISL_833069, EPI_ISL_833070, EPI_ISL_833071, EPI_ISL_833072, EPI_ISL_833073, EPI_ISL_833074, EPI_ISL_833075	FPAM	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Delli Compagni E; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G
EPI_ISL_845626	FUNDACION CARDIOINFANTIL	Instituto Nacional de Salud - Dirección de Investigación en Salud Pública	Carlos Franco-Muñoz; Diego A. Álvarez-Díaz; Diego Andrés Prada; Gerardo Santamaría; Jonathan Reales; Julian Naizaque; Katherine Laiton-Donato; Magdalena Wiesner; Marcela Mercado-Reyes; María T. Herrera-Sepúlveda; Martha Lucia Ospina Martínez; Mauricio Pacheco-Montealegre; Paola Muñoz-Laiton; Sheryll Corchuelo
EPI_ISL_906543	FUNDACION HOSPITAL SAN PEDRO	Instituto Nacional de Salud- Dirección de Investigación en Salud Pública, Universidad de los Andes- Applied genomics research group, Vicerrectoría de Investigación y Creación, Universidad de los Andes- Systems and Computing Engineering Department	Carlos Franco-Muñoz; Diego A. Álvarez-Díaz; Diego Andrés Prada; Gerardo Santamaría Jorge Duitama; Héctor Alejandro Ruiz-Moreno; Jhonnatan Reales-González; Jorge Ivan Díaz; Julian Naizaque; Katherine Laiton-Donato; Laura Natalia Gonzalez; Magdalena Wiesner; Marcela Mercado-Reyes; María T. Herrera-Sepúlveda; Martha Lucia Ospina Martínez; Mauricio Pacheco-Montealegre; Sheryll Corchuelo; Silvia Restrepo-Restrepo
EPI_ISL_1048372, EPI_ISL_1048375, EPI_ISL_1048381	Farmalab Indoutama Jakarta	National Institute of Health Research and Development	Arie Ardiansyah Nugraha; Hana Apsari Pawestri; Hartanti Dian Ikawati; Kartika Dewi Puspa; Krisna Nur Adriana Pangesti; Nelly Puspandari; Subangkit; Vivi Setiawaty.
EPI_ISL_854594	Faroeese National Reference Laboratory for Fish and Animal Diseases	Faroeese National Reference Laboratory for Fish and Animal Diseases	Arnfinnur Kallsberg Junior; Debes Hammershaimb Christiansen; Maria Marjunardóttir Dahl; Petra Elisabeth Petersen
EPI_ISL_862839, EPI_ISL_862857, EPI_ISL_862868	Fujita Health University Bantane Hospital	Fujita health University, School of Medicine, Department of Microbiology	Masahiro suzuki; Yohei Doi
EPI_ISL_862837, EPI_ISL_862838, EPI_ISL_862840, EPI_ISL_862841, EPI_ISL_862842	Fujita Health University Hospital	Fujita health University, School of Medicine, Department of Microbiology	Masahiro suzuki; Yohei Doi
EPI_ISL_794649, EPI_ISL_794650, EPI_ISL_794651, EPI_ISL_794662	Fundación Cardio Infantil	Instituto Nacional de Salud - Dirección de Investigación en Salud Pública	Carlos Franco-Muñoz; Diego A. Álvarez-Díaz; Diego Andrés Prada; Gerardo Santamaría; Jonathan Reales; Julian Naizaque; Katherine Laiton-Donato; Magdalena Wiesner; Marcela Mercado-Reyes; María T. Herrera; Martha Lucia Ospina Martínez; Mauricio Pacheco-Montealegre; Paola Muñoz-Laiton; Sheryll Corchuelo
EPI_ISL_794654, EPI_ISL_794655, EPI_ISL_794664, EPI_ISL_794665	Fundación Valle del Lili	Instituto Nacional de Salud - Dirección de Investigación en Salud Pública	Carlos Franco-Muñoz; Diego A. Álvarez-Díaz; Diego Andrés Prada; Gerardo Santamaría; Jonathan Reales; Julian Naizaque; Katherine Laiton-Donato; Magdalena Wiesner; Marcela Mercado-Reyes; María T. Herrera; Martha Lucia Ospina Martínez; Mauricio Pacheco-Montealegre; Paola Muñoz-Laiton; Sheryll Corchuelo
EPI_ISL_909686	GH Cochin-Broca Hôtel Dieu/Lab Virologie	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Angela Brisebarre; Camille Capel; Etienne Simon-Lorière; L'Honneur Anne-Sophie; Marion Barbet; Maud Vanpeene; Méline Bizard; Sylvie Behillili; Sylvie van der Werf; Vincent Enouf
EPI_ISL_825048, EPI_ISL_825049, EPI_ISL_825054, EPI_ISL_825055, EPI_ISL_825056, EPI_ISL_825057, EPI_ISL_825058, EPI_ISL_825061, EPI_ISL_825062	GMERS Medical College and Hospital, Gotri, Vadodara	Gujarat Biotechnology Research Centre	Afzal Ansari; Apurvasinh Puvar; Bithika Duttaroy; Chaitanya Joshi; Dinesh Kumar; Janvi Raval; Kalpesh Mistry; Labdhi Pandya; Madhvi Joshi; Mitesh Kamoth; Nikha Trivedi; Nitin Savaliya; Ramesh Pandit; Zarna Patel; Zuber Saiyed
EPI_ISL_851048, EPI_ISL_851049, EPI_ISL_851050, EPI_ISL_851051	Gandhi Medical College and Hospital	CSIR-Centre for Cellular and Molecular Biology	Amrithesh Kumar; Archana GJ; Divya Tej Sowpati; Madhavi Latha Manolla; Manisha Rani; Nagamani Kammlil; Raja Rao Mesepogu; Shaileja VV; Sofia Banu; Sudhamadhuri Devara; Sunitha Pakalapati; Sushma Rajyalakshmi Gudiseva; Thirlok Chander Bingi; Vanisree Rajoli; Vinay Shekar Reddy; Winnie Thomas
EPI_ISL_850510, EPI_ISL_850514	Gandhi Medical College and Hospital	MDRU-DHR,Gandhi Medical College	Amrithesh Kumar; Archana GJ; Divya Tej Sowpati; Madhavi Latha Manolla; Manisha Rani; Nagamani Kammlil; Raja Rao Mesepogu; Shaileja VV; Sofia Banu; Sudhamadhuri Devara; Sunitha Pakalapati; Sushma Rajyalakshmi Gudiseva; Thirlok Chander Bingi; Vanisree Rajoli; Vinay Shekar Reddy; Winnie Thomas
EPI_ISL_850507, EPI_ISL_850509	Gandhi Medical College and Hospital	VRDL-Gandhi Medical College	Amrithesh Kumar; Archana GJ; Divya Tej Sowpati; Madhavi Latha Manolla; Manisha Rani; Nagamani Kammlil; Raja Rao Mesepogu; Rajeshwar Rao; Shaileja VV; Sofia Banu; Sudhamadhuri Devara; Sunitha Pakalapati; Sushma Rajyalakshmi Gudiseva; Thirlok Chander Bingi; Vanisree Rajoli; Vinay Shekar Reddy; Winnie Thomas
EPI_ISL_922076	General Hospital #Abdulah Nakas" Sarajevo	Alea Genetic Centre	Dino Pecar; Lana Salihendefic; Rijad Konjodizic; Sead Jazic

EPI_ISL_747243	General Hospital Laboratory	Pathogen Laboratory (BSL3), Biomedical Innovation Department, Experimental and Applied Biology Division, Scientific Research Center and High Education from Ensenada (CICESE)	Cervantes-Luevano K.; Galindo C. and Licea-Navarro A.; Martinez M.A.; Saavedra-Flores A.
EPI_ISL_792042, EPI_ISL_792045, EPI_ISL_792046, EPI_ISL_792047, EPI_ISL_792048, EPI_ISL_792050, EPI_ISL_792053	see above	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	; Angela Brisebarre; Brieuc Lefaire; Camille Capel; Etienne Simon-Lorière; Marion Barbet; Maud Vanpeene; Méline Bizard; Sylvie Behillili; Sylvie van der Werf; Vincent Enouf
EPI_ISL_888827, EPI_ISL_888828, EPI_ISL_888829	General practitioner office	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Angela Brisebarre; Camille Capel; Etienne Simon-Lorière; Marion Barbet; Maud Vanpeene; Méline Bizard; Sylvie Behillili; Sylvie van der Werf; Vincent Enouf
EPI_ISL_978917	Genome Analysis Center, Yamanashi Central Hospital	Genome Analysis Center, Yamanashi Central Hospital	Yosuke Hirotsu
EPI_ISL_833141, EPI_ISL_833142, EPI_ISL_833143, EPI_ISL_833144, EPI_ISL_833145, EPI_ISL_833146, EPI_ISL_833147, EPI_ISL_833148, EPI_ISL_885146, EPI_ISL_955153, EPI_ISL_955154	see above	Genomic Laboratory (GLAB) (Conjoint lab of Health Directorate of Istanbul and Istanbul Technical University)	Genomic Laboratory (GLAB), Istanbul Technical University
EPI_ISL_862556, EPI_ISL_862564, EPI_ISL_862565, EPI_ISL_862567, EPI_ISL_862640, EPI_ISL_954806	Gerencia de Asistencia Sanitaria de Soria	Instituto de Salud Carlos III	A. Monzón; C. Aldea; F. Casas; I. I. Aldea, C.; I. Jiménez; Iglesias-Caballero; M. Pozo; M. Camarero; M. Cuesta; M. González-Esguevillas; M. Molinero Calamita; M. Zaballos; M.Camarero; P. Jiménez; P. Zaballos; S. Cuesta; S. Juliá; S. Molinero Calamita; S. Pozo; S. Sandonis; S. Varona; V. Vázquez
EPI_ISL_833260, EPI_ISL_833261	Giulianova	Istituto Zooprofilattico Sperimentale dell’Abruzzo e Molise “G. Caporale”	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G
EPI_ISL_774976	Gonoshasthya-RNA Molecular Diagnostic and Research Center	Gonoshasthya-RNA Molecular Diagnostic and Research Center	Firoz Ahmed; Maha Jamiruddin; Mahfuza Marzan; Md. Ahsanul Haq; Mohd. Raeed Jamiruddin; Mohib Ullah Khondoker; Mousumi Chaity; Mumtarin Jannat Oishee; Nafisa Azmuda; Nihad Adnan; Nowshin Jahan; Salma Akter; Sayeda Moriam Liza; Shahad Saif Khandker; Shahana Sharmin; Tamanna Ali; Taslin Jahan Mou
EPI_ISL_775019, EPI_ISL_775020, EPI_ISL_775213, EPI_ISL_775214, EPI_ISL_775215, EPI_ISL_775216, EPI_ISL_775217, EPI_ISL_775218	see above	Gonoshasthya-RNA Molecular Research Center	Firoz Ahmed; Maha Jamiruddin; Mahfuza Marzan; Md. Ahsanul Haq; Mohd. Raeed Jamiruddin; Mohib Ullah Khondoker; Mousumi Chaity; Mumtarin Jannat Oishee; Nafisa Azmuda; Nihad Adnan; Nowshin Jahan; Salma Akter; Sayeda Moriam Liza; Shahad Saif Khandker; Shahana Sharmin; Tamanna Ali; Taslin Jahan Mou
EPI_ISL_906306, EPI_ISL_1001457	Gorgas memorial Institute For Health Studies	Gorgas memorial Institute For Health Studies	Abrego L; Arauz D; Castillo D; Castillo M; Chavarria O; Díaz Y; Díaz Y; Franco D; Gaitan M; Gondola J; González C; Lopez-Verges S.; Lopez-Verguez S; Martínez AA; Martínez Alexander A.; Moreno A; Moreno B; Pitti Y; Saenz L
EPI_ISL_1001458	Gorgas memorial Institute for Health Studies	Gorgas memorial Institute for Health Studies	Arauz D; Castillo D; Castillo M; Chavarria O; Díaz Y; Franco D; Gaitan M; Gondola J; González C; Lopez-Verges S.; Martínez AA; Moreno A; Moreno B; Pitti Y; Saenz L
EPI_ISL_794818, EPI_ISL_794819, EPI_ISL_794820, EPI_ISL_794822, EPI_ISL_794823, EPI_ISL_794824	Greek Genome Center, Biomedical Research Foundation of the Academy of Athens (BRFAA)	Greek Genome Center, Biomedical Research Foundation of the Academy of Athens (BRFAA)	Christina Maria Kravvari; Dimitrios Thanos; Emmanouil Athanasiadis; Ioannis Vatsellas; Katerina Zoi; Thodoris Loupis
EPI_ISL_1040921, EPI_ISL_1040922, EPI_ISL_1040923, EPI_ISL_1040924, EPI_ISL_1040925, EPI_ISL_1040926	Grupo de Investigación en Enfermedades Tropicales del Ejército (GINETE), Laboratorio de Referencia e Investigación, Dirección de Sanidad Ejército, Bogotá, Colombia	Centro de Investigaciones en Microbiología y Biotecnología-UR (CIMBIUR), Facultad de Ciencias Naturales, Universidad del Rosario, Bogotá, Colombia	Alberto Paniz-Mondolff; Camilo Correa-Cardenas; Carlos A. Rincón; Claudia P. Mendez; Elizabeth K. Marquez; Frank de los Santos Ortiz; Juan David Ramírez; Julie J. Perez; Luz H. Patiño; Magda C. Oliveros; Maria C. Duque; Marina Muñoz; Nathalia Ballesteros; Sergio Castañeda
EPI_ISL_1084739	HC FMUSP	Laboratório de Parasitologia Médica - Instituto de Medicina Tropical - Universidade de São Paulo	Brazil-UK Centre for Arbovirus Discovery Diagnosis Genomics and Epidemiology (CADDE) Genomic Network - Instituto de Medicina Tropical
EPI_ISL_955234, EPI_ISL_955239	HE CMN LA RAZA	BIOBANCO / COCTI	Arias C; Borja-Aburto VH; Grajales-Muñiz C; Grande R; Isa P; López S; Muñoz-Medina JE; Ochoa Carrera LA; Rojas-Mendoza T; Santacruz Tinoco CE; Sánchez A; Taboada B
EPI_ISL_955246	HGOMF 60 TLANEPANTLA	BIOBANCO / COCTI	Arias C; Borja-Aburto VH; Grajales-Muñiz C; Grande R; Isa P; López S; Muñoz-Medina JE; Ochoa Carrera LA; Rojas-Mendoza T; Santacruz Tinoco CE; Sánchez A; Taboada B
EPI_ISL_955236, EPI_ISL_955245	HGR 1 VICENTE GUERRERO	BIOBANCO / COCTI	Arias C; Borja-Aburto VH; Grajales-Muñiz C; Grande R; Isa P; López S; Muñoz-Medina JE; Ochoa Carrera LA; Rojas-Mendoza T; Santacruz Tinoco CE; Sánchez A; Taboada B
EPI_ISL_955247	HGR 200 TECAMAC	BIOBANCO / COCTI	Arias C; Borja-Aburto VH; Grajales-Muñiz C; Grande R; Isa P; López S; Muñoz-Medina JE; Ochoa Carrera LA; Rojas-Mendoza T; Santacruz Tinoco CE; Sánchez A; Taboada B
EPI_ISL_955242, EPI_ISL_955243, EPI_ISL_955250, EPI_ISL_955251, EPI_ISL_955252, EPI_ISL_955253, EPI_ISL_955255	see above	BIOBANCO / COCTI	Arias C; Borja-Aburto VH; Grajales-Muñiz C; Grande R; Isa P; López S; Muñoz-Medina JE; Ochoa Carrera LA; Rojas-Mendoza T; Santacruz Tinoco CE; Sánchez A; Taboada B
EPI_ISL_955256	HGZ 1 CARLOS MC GREGOR	BIOBANCO / COCTI	Arias C; Borja-Aburto VH; Grajales-Muñiz C; Grande R; Isa P; López S; Muñoz-Medina JE; Ochoa Carrera LA; Rojas-Mendoza T; Santacruz Tinoco CE; Sánchez A; Taboada B
EPI_ISL_955249	HGZ 2A PASO-TRONCOSO	BIOBANCO / COCTI	Arias C; Borja-Aburto VH; Grajales-Muñiz C; Grande R; Isa P; López S; Muñoz-Medina JE; Ochoa Carrera LA; Rojas-Mendoza T; Santacruz Tinoco CE; Sánchez A; Taboada B
EPI_ISL_955240, EPI_ISL_955241	HGZ 30 MEXICALI	BIOBANCO / COCTI	Arias C; Borja-Aburto VH; Grajales-Muñiz C; Grande R; Isa P; López S; Muñoz-Medina JE; Ochoa Carrera LA; Rojas-Mendoza T; Santacruz Tinoco CE; Sánchez A; Taboada B
EPI_ISL_955257	HGZ 32 VILLA COAPA	BIOBANCO / COCTI	Arias C; Borja-Aburto VH; Grajales-Muñiz C; Grande R; Isa P; López S; Muñoz-Medina JE; Ochoa Carrera LA; Rojas-Mendoza T; Santacruz Tinoco CE; Sánchez A; Taboada B
EPI_ISL_955233	HGZMF 1 LA PAZ	BIOBANCO / COCTI	Arias C; Borja-Aburto VH; Grajales-Muñiz C; Grande R; Isa P; López S; Muñoz-Medina JE; Ochoa Carrera LA; Rojas-Mendoza T; Santacruz Tinoco CE; Sánchez A; Taboada B
EPI_ISL_955238	HI CMN LA RAZA	BIOBANCO / COCTI	Arias C; Borja-Aburto VH; Grajales-Muñiz C; Grande R; Isa P; López S; Muñoz-Medina JE; Ochoa Carrera LA; Rojas-Mendoza T; Santacruz Tinoco CE; Sánchez A; Taboada B
EPI_ISL_860849	HIA BEGIN Service de Biologie	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Angela Brisebarre; Camille Capel; Etienne Simon-Lorière; Marion Barbet; Maud Vanpeene; Merens Audrey; Méline Bizard; Sylvie Behillili; Sylvie van der Werf; Vincent Enouf
EPI_ISL_941270	HIA PERCY - lab biologie	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Angela Brisebarre; Camille Capel; Etienne Simon-Lorière; Marion Barbet; Maud Vanpeene; Méline Bizard; Sylvie Behillili; Sylvie van der Werf; Vincent Enouf; Vincent Foissaud
EPI_ISL_860850, EPI_ISL_860851	HIA PERCY, Biologie médicale	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Angela Brisebarre; Camille Capel; Etienne Simon-Lorière; Foissaud Vincent; Marion Barbet; Maud Vanpeene; Méline Bizard; Sylvie Behillili; Sylvie van der Werf; Vincent Enouf
EPI_ISL_860899	HOPITAL PAUL BROUSSE - Service Microbiologie	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Angela Brisebarre; Camille Capel; Etienne Simon-Lorière; Marion Barbet; Maud Vanpeene; Méline Bizard; Roque-Afonso Anne-Marie; Sylvie Behillili; Sylvie van der Werf; Vincent Enouf
EPI_ISL_912560, EPI_ISL_912561, EPI_ISL_912562, EPI_ISL_912599	HOPITAL SIMONE VEIL	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Angela Brisebarre; Camille Capel; Etienne Simon-Lorière; Marion Barbet; Maud Vanpeene; Moreau Farida; Méline Bizard; Sylvie Behillili; Sylvie van der Werf; Vincent Enouf
EPI_ISL_912621	HOPITAL YVES LE FOLL Laboratoire de Biologie Médicale	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Angela Brisebarre; Camille Capel; Chrevet Laurent; Etienne Simon-Lorière; Marion Barbet; Maud Vanpeene; Méline Bizard; Sylvie Behillili; Sylvie van der Werf; Vincent Enouf
EPI_ISL_954792, EPI_ISL_954796	HOSPITAL COMARCAL DE MELILLA	Instituto de Salud Carlos III	A. Monzón; F. Casas; I. Ilescas, S.; I. Jiménez; I. Roman, S.; Iglesias-Caballero; M. Camarero; P. Zaballos; S. Cuesta; S. Pozo; S. Sandonis; S. Varona; V. Vázquez
EPI_ISL_906539	HOSPITAL DEPARTAMENTAL DE VILLAVICENCIO	Instituto Nacional de Salud- Dirección de Investigación en Salud Pública, Universidad de los Andes- Applied genomics research group, Vicerrectoría de Investigación y Creación, Universidad de los Andes- Systems and Computing Engineering Department	Carlos Franco-Muñoz; Diego A. Álvarez-Díaz; Diego Andrés Prada; Gerardo Santamaría Jorge Duitama; Héctor Alejandro Ruiz-Moreno; Jhonattan Reales-González; Jorge Ivan Díaz; Julian Naizaque; Katherine Laiton-Donato; Laura Natalia Gonzalez; Magdalena Wiesner; Marcela Mercado-Reyes; María T. Herrera-Sepúlveda; Martha Lucia Ospina Martinez; Mauricio Pacheco-Montealegre; Sheryll Corchuelo; Silvia Restrepo-Restrepo
EPI_ISL_906535, EPI_ISL_906537, EPI_ISL_906547	HOSPITAL DEPARTAMENTAL DE VILLAVICENCIO E.S.E.	Instituto Nacional de Salud- Dirección de Investigación en Salud Pública, Universidad de los Andes- Applied genomics research group, Vicerrectoría de Investigación y Creación, Universidad de los Andes- Systems and Computing Engineering Department	Carlos Franco-Muñoz; Diego A. Álvarez-Díaz; Diego Andrés Prada; Gerardo Santamaría Jorge Duitama; Héctor Alejandro Ruiz-Moreno; Jhonattan Reales-González; Jorge Ivan Díaz; Julian Naizaque; Katherine Laiton-Donato; Laura Natalia Gonzalez; Magdalena Wiesner; Marcela Mercado-Reyes; María T. Herrera-Sepúlveda; Martha Lucia Ospina Martinez; Mauricio Pacheco-Montealegre; Sheryll Corchuelo; Silvia Restrepo-Restrepo
EPI_ISL_954795	HOSPITAL GENERAL RIO CARRION	Instituto de Salud Carlos III	A. Monzón; F. Casas; I. García, A.; I. Jiménez; Iglesias-Caballero; M. Camarero; P. Zaballos; S. Cuesta; S. Pozo; S. Sandonis; S. Varona; V. Vázquez
EPI_ISL_906541	HOSPITAL SAN JOSE DE MAICAO	Instituto Nacional de Salud- Dirección de Investigación en Salud Pública, Universidad de los Andes- Applied genomics research group, Vicerrectoría de Investigación y Creación, Universidad de los Andes- Systems and Computing Engineering Department	Carlos Franco-Muñoz; Diego A. Álvarez-Díaz; Diego Andrés Prada; Gerardo Santamaría Jorge Duitama; Héctor Alejandro Ruiz-Moreno; Jhonattan Reales-González; Jorge Ivan Díaz; Julian Naizaque; Katherine Laiton-Donato; Laura Natalia Gonzalez; Magdalena Wiesner; Marcela Mercado-Reyes; María T. Herrera-Sepúlveda; Martha Lucia Ospina Martinez; Mauricio Pacheco-Montealegre; Sheryll Corchuelo; Silvia Restrepo-Restrepo
EPI_ISL_1067604	HOSPITAL SAN JUAN DE DIOS	Incienza, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Adriana Godínez; Claudio Soto-Garita; Estela Cordero; Francisco Duarte; Hebleen Porras; Melany Calderón & Daniel Cascante-Serrano
EPI_ISL_954811, EPI_ISL_954813	HOSPITAL UNIVERSITARIO DE GUADALAJARA	Instituto de Salud Carlos III	A. Monzón; F. Casas; I. González, A.; I. Jiménez; Iglesias-Caballero; M. Camarero; P. Zaballos; S. Cuesta; S. Pozo; S. Sandonis; S. Varona; V. Vázquez
EPI_ISL_794659, EPI_ISL_794660	HOSPITAL UNIVERSITARIO SAN IGNACIO	Instituto Nacional de Salud - Dirección de Investigación en Salud Pública	Carlos Franco-Muñoz; Diego A. Álvarez-Díaz; Diego Andrés Prada; Gerardo Santamaría; Jonathan Reales; Julian Naizaque; Katherine Laiton-Donato; Magdalena Wiesner; Marcela Mercado-Reyes; María T. Herrera; Martha Lucia Ospina Martinez; Mauricio Pacheco-Montealegre; Paola Muñoz-Laiton; Sheryll Corchuelo
EPI_ISL_766028	Hannover Medical School, Institute of Virology	Hannover Medical School, Institute of Virology	Lars Steinbrück
EPI_ISL_940767	Heilig Hart Lier	UAntwerp, Laboratory of Medical Microbiology, Campus Drie Eiken 56.26, Universiteitsplein 1, 2610, Wilrijk, Belgium	Basil Britto Xavier; Christine Lammens; Herman Goossens; Jasmine Coppens; Marie Le Mercier; Veerle Matheusssen
EPI_ISL_1017712	Hemato Oncologos S.A	Instituto Nacional de Salud- Dirección de Investigación en Salud Pública	Carlos Franco-Muñoz; Diego A. Álvarez-Díaz; Diego Andrés Prada; Gerardo Santamaría; Hector Alejandro Ruiz-Moreno; Jhonattan Reales-González; Julian Naizaque; Katherine Laiton-Donato; Magdalena Wiesner; Marcela Mercado-Reyes; María T. Herrera-Sepúlveda; Martha Lucia Ospina Martinez; Sheryll Corchuelo
EPI_ISL_1055256	Home Quarantine Taskforce	Hong Kong Department of Health	Chan Rickjason C.W.; Lam Edman T.K.; Mak Gannon C.K.; Tsang Dominic N.C.
EPI_ISL_1055202,	Hong Kong Adventist Hospital - Tsuen Wan	Hong Kong Department of Health	Chan Rickjason C.W.; Lam Edman T.K.; Mak Gannon C.K.; Tsang Dominic N.C.

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EPI_ISL_954781, EPI_ISL_954805, EPI_ISL_954810, EPI_ISL_965914, EPI_ISL_965915, EPI_ISL_965926, EPI_ISL_965934, EPI_ISL_965940, EPI_ISL_965946, EPI_ISL_965959		Ministry of Health Malaysia		
see above	Hospital General Universitario de Ciudad Real	Instituto de Salud Carlos III	A. Monzón; F. Casas; I. Illescas, S.; I. Jiménez; Iglesias-Caballero; M. Camarero; M. Sandonis; P. Zaballos; S. Camarero; S. Cuesta; S. Iglesias-Caballero; S. Pozo; S. Sandonis; S. Varona; Sandonis; V. Camarero; V. Vázquez; Vázquez	
EPI_ISL_954809	Hospital General de Lanzarote	Instituto de Salud Carlos III	A. Monzón; F. Casas; I. Copado, R.; I. Jiménez; Iglesias-Caballero; M. Camarero; P. Zaballos; S. Cuesta; S. Pozo; S. Sandonis; S. Varona; V. Vázquez	
EPI_ISL_861636	Hospital Geral de Sao Mateus São Paulo	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valesa Ramos Gomes; Karoline Rodrigues Campos	
EPI_ISL_940630, EPI_ISL_943967, EPI_ISL_943968, EPI_ISL_943969, EPI_ISL_943970, EPI_ISL_943971, EPI_ISL_943972	Hospital Geral de Sao Paulo	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valesa Ramos Gomes; Karoline Rodrigues Campos	
see above	Hospital Geral de Vila Penteado Dr Jose Pangella Sao Paulo	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valesa Ramos Gomes; Karoline Rodrigues Campos	
EPI_ISL_906075	Hospital Infanta Cristina	Instituto de Salud Carlos III	A. Monzón; F. Casas; I. García, P.; I. Jiménez; Iglesias-Caballero; M. Camarero; M. Cuesta; M. González-Esguevillas; M. Pozo; M. Zaballos; P. Jiménez; S. Juliá; S. Molinero Calamita; S. Varona	
EPI_ISL_871974, EPI_ISL_871975, EPI_ISL_871979				
EPI_ISL_862551, EPI_ISL_954787, EPI_ISL_954790	Hospital J.M. Morales Meseguer	Instituto de Salud Carlos III	A. Monzón; F. Casas; I. Guerrero, C.; I. Jiménez; I. Navarro, D.; Iglesias-Caballero; M. Pozo; M. Camarero; M. Cuesta; M. González-Esguevillas; M. Zaballos; P. Jiménez; P. Zaballos; S. Cuesta; S. Juliá; S. Molinero Calamita; S. Pozo; S. Sandonis; S. Varona; V. Vázquez	
EPI_ISL_954797, EPI_ISL_954801, EPI_ISL_954803	Hospital Los Arcos	Instituto de Salud Carlos III	A. Monzón; F. Casas; I. Camara, M.; I. Jiménez; Iglesias-Caballero; M. Camarero; P. Zaballos; S. Cuesta; S. Pozo; S. Sandonis; S. Varona; V. Vázquez	
EPI_ISL_965911, EPI_ISL_965913, EPI_ISL_965917, EPI_ISL_965918, EPI_ISL_965919, EPI_ISL_965923, EPI_ISL_965928, EPI_ISL_965929, EPI_ISL_965932, EPI_ISL_965935, EPI_ISL_965939, EPI_ISL_965941, EPI_ISL_965945, EPI_ISL_965947, EPI_ISL_965951, EPI_ISL_965955, EPI_ISL_965958	Hospital Los Arcos del Mar Menor	Instituto de Salud Carlos III	A. Monzón; F. Casas; I. Cámara, M.; I. Jiménez; Iglesias-Caballero; M. Camarero; M. Sandonis; P. Zaballos; S. Camarero; S. Cuesta; S. Iglesias-Caballero; S. Pozo; S. Varona; Sandonis; V. Camarero; V. Vázquez; Vázquez	
EPI_ISL_861658	Hospital Municipal Antônio Giglio	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valesa Ramos Gomes; Karoline Rodrigues Campos	
EPI_ISL_882671, EPI_ISL_882672, EPI_ISL_882673	Hospital Municipal Dr. Guido Guida	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valesa Ramos Gomes; Karoline Rodrigues Campos	
EPI_ISL_861638, EPI_ISL_861640, EPI_ISL_861641	Hospital Municipal Dr. Moyses Deutsch	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valesa Ramos Gomes; Karoline Rodrigues Campos	
EPI_ISL_861681	Hospital Municipal Dr. Waldemar Tebaldi	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valesa Ramos Gomes; Karoline Rodrigues Campos	
EPI_ISL_977490	Hospital Municipal Guido Guida	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valesa Ramos Gomes; Karoline Rodrigues Campos	
EPI_ISL_940629	Hospital Municipal Josanias Castanha Braga	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valesa Ramos Gomes; Karoline Rodrigues Campos	
EPI_ISL_861671, EPI_ISL_882660	Hospital Municipal Prefeito Waldemar Costa Filho	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valesa Ramos Gomes; Karoline Rodrigues Campos	
EPI_ISL_836977	Hospital Municipal Dr. Jose de Carvalho Florence	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valesa Ramos Gomes; Karoline Rodrigues Campos	
EPI_ISL_861637, EPI_ISL_906066	Hospital Nipo Brasileiro	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valesa Ramos Gomes; Karoline Rodrigues Campos	
EPI_ISL_862637, EPI_ISL_862638, EPI_ISL_862639, EPI_ISL_913061, EPI_ISL_913062	Hospital Nuestra Señora de Sonsoles	Instituto de Salud Carlos III	A. Monzón; A. San Pedro; F. Casas; I.; I. Jiménez; I. Sánchez, R.; Iglesias-Caballero; M. Camarero; M. Cuesta; M. González-Esguevillas; M. Molinero Calamita; M. Zaballos; P. Jiménez; P. Zaballos; S. Cuesta; S. Juliá; S. Pozo; S. Sandonis; S. Varona; V. Vázquez	
EPI_ISL_1015358, EPI_ISL_1015359, EPI_ISL_1015360	Hospital Pablo Tobón Uribe	Universidad Nacional de Colombia - Laboratorio Genómico One Health	Andres F. Cardona-Rios; Carlos Franco-Muñoz; Daniel O. Maldonado-Perez; Diego A. Álvarez-Díaz; Idabely Betancur Ortiz; Jorge E. Osorio; Juan P. Hernandez-Ortiz; Karl A Ciuderis; Laura Silvana Perez; Marcela Mercado-Reyes; Sandra Ines Cano	
EPI_ISL_906079, EPI_ISL_940610, EPI_ISL_940611	Hospital Paulistano Paulista	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valesa Ramos Gomes; Karoline Rodrigues Campos	
EPI_ISL_861684, EPI_ISL_861685	Hospital Pronto Socorro Itaquera	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valesa Ramos Gomes; Karoline Rodrigues Campos	
EPI_ISL_936488	Hospital Queen Elizabeth	Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia	Azizan MA; Kamel K; Suppiah J; Thayan R	
EPI_ISL_936489	Hospital Raja Perempuan Zainab II	Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia	Azizan MA; Kamel K; Suppiah J; Thayan R	
EPI_ISL_861649	Hospital Renascença Campinas	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valesa Ramos Gomes; Karoline Rodrigues Campos	
EPI_ISL_833165, EPI_ISL_833166	Hospital Samaritano	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valesa Ramos Gomes; Karoline Rodrigues Campos	
EPI_ISL_882670	Hospital Samaritano Paulista	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valesa Ramos Gomes; Karoline Rodrigues Campos	
EPI_ISL_993630	Hospital San Agustín	Laboratorio de Virología Hospital Universitario Central de Asturias (HUCA)	Abreu F; Alvarez-Arguelles ME; Boga JA; Castelló C; Costales I; Coto E; Gómez de Oña J; Martín-Rodríguez G; Melón S; Perez-Martínez Z; Rojo S; Sandoval M	
EPI_ISL_906532	Hospital San Jose de Maicao	Instituto Nacional de Salud- Dirección de Investigación en Salud Pública, Universidad de los Andes- Applied genomics research group, Vicerrectoria de Investigación y Creación, Universidad de los Andes- Systems and Computing Engineering Department	Carlos Franco-Muñoz; Diego A. Álvarez-Díaz; Diego Andrés Prada; Gerardo Santamaría Jorge Duitama; Héctor Alejandro Ruiz-Moreno; Jhonnatan Reales-González; Jorge Ivan Díaz; Julian Naizaque; Katherine Laiton-Donato; Laura Natalia Gonzalez; Magdalena Wiesner; Marcela Mercado-Reyes; María T. Herrera-Sepúlveda; Martha Lucia Ospina Martínez; Mauricio Pacheco-Montealegre; Sheryll Corchuelo; Silvia Restrepo-Restrepo	
EPI_ISL_862654, EPI_ISL_913021, EPI_ISL_913022, EPI_ISL_913023, EPI_ISL_913032, EPI_ISL_913033, EPI_ISL_913034, EPI_ISL_913035, EPI_ISL_913057	Hospital San Pedro de Alcántara	Instituto de Salud Carlos III	A. Monzón; F. Casas; I. Jiménez; I. Rodríguez, G.; Iglesias-Caballero; M. Pozo; M. Camarero; M. Cuesta; M. González-Esguevillas; M. Zaballos; M.Camarero; P. Jiménez; P. Zaballos; S. Cuesta; S. Juliá; S. Molinero Calamita; S. Pozo; S. Sandonis; S. Varona; V. Vázquez	
see above	Hospital Santa Marcelina Sao Paulo	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valesa Ramos Gomes; Karoline Rodrigues Campos	
EPI_ISL_861646, EPI_ISL_861647, EPI_ISL_861650, EPI_ISL_861654, EPI_ISL_861655				
EPI_ISL_802750, EPI_ISL_802751, EPI_ISL_802752, EPI_ISL_802753, EPI_ISL_802754, EPI_ISL_802755, EPI_ISL_802756, EPI_ISL_802757, EPI_ISL_802758, EPI_ISL_802759, EPI_ISL_802760, EPI_ISL_802761, EPI_ISL_802762, EPI_ISL_802763, EPI_ISL_802764, EPI_ISL_802765, EPI_ISL_802766, EPI_ISL_802767, EPI_ISL_802768, EPI_ISL_802769, EPI_ISL_802770, EPI_ISL_802771, EPI_ISL_802772, EPI_ISL_802773, EPI_ISL_802774, EPI_ISL_802775, EPI_ISL_802776	Hospital Santa Maria Nai	Instituto de Salud Carlos III	A. Monzón; F. Casas; I.; I. Jiménez; Iglesias-Caballero; J. García, A.; M. Camarero; M. Cuesta; M. González-Esguevillas; M. Molinero Calamita; M. Zaballos; P. Jiménez; S. Juliá; S. Pozo; S. Varona	
see above	Hospital Santa Virginia	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valesa Ramos Gomes; Karoline Rodrigues Campos	
EPI_ISL_861653	Hospital Santa Virginia	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valesa Ramos Gomes; Karoline Rodrigues Campos	
EPI_ISL_940619, EPI_ISL_940620, EPI_ISL_940621, EPI_ISL_940622, EPI_ISL_940623, EPI_ISL_940624, EPI_ISL_940625	Hospital Sao Joaquim - Beneficencia Portuguesa	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valesa Ramos Gomes; Karoline Rodrigues Campos	
see above	Hospital Sao Luiz Sao Caetano	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valesa Ramos Gomes; Karoline Rodrigues Campos	
EPI_ISL_906076, EPI_ISL_906077				
EPI_ISL_861639	Hospital Sao Paulo de Ensino da Unifesp	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valesa Ramos Gomes; Karoline Rodrigues Campos	
EPI_ISL_902738, EPI_ISL_902739, EPI_ISL_902740, EPI_ISL_902741, EPI_ISL_902742, EPI_ISL_902743, EPI_ISL_902744, EPI_ISL_902745, EPI_ISL_902746, EPI_ISL_902747, EPI_ISL_902748				
see above	Hospital Universitari Germans Trias i Pujol (HUGTIP) / Fundació Lluita contra la SIDA (FLSida)	IrsiCaixa - Can Rutí CovidSeq	2a planta; Badalona Marta Massanella; Bonaventura Clotet; Ester Ballana; Fundació IrsiCaixa. Hospital Universitari Germans Trias i Pujol(HUGTIP); Joaquim Segalés; Jorge Carrillo; Julia Blanco; Lidia Ruiz; Nuria Izquierdo; Roger Paredes; maternal Ctra Canyet s/n	
EPI_ISL_1012925	Hospital Universitari Germans Trias i Pujol(HUGTIP)/Fundació Lluita contra la SIDA (FLSida)	IrsiCaixa - Can Rutí CovidSeq	Bonaventura Clotet; Bonaventura Clotet Marta Massanella; Ester Ballana; Francesc Catala-Moll; Joaquim Segalés; Jorge Carrillo; Julia Blanco; Lidia Ruiz; Marc Noguera-Julian; Maria Casadellá; Mariona Parera; Nuria Izquierdo; Pilar Armengol; Roger Paredes	
EPI_ISL_832101, EPI_ISL_832102, EPI_ISL_832103, EPI_ISL_832104	Hospital Universitari Germans Trias i Pujol(HUGTIP)/Fundació Lluita contra la SIDA (FLSida)	IrsiCaixa AIDS Research Lab	Bonaventura Clotet; Ester Ballana; Joaquim Segalés; Jorge Carrillo; Lidia Ruiz; Marc Noguera-Julian; Maria Pilar Armengol; Mariona Parera; Marta Massanella; Nuria Izquierdo; Roger Paredes	
EPI_ISL_1017706,	Hospital Universitario Hernando Moncaleano Perdomo	Instituto Nacional de Salud- Dirección de Investigación en Salud Pública	Carlos Franco-Muñoz; Diego A. Álvarez-Díaz; Diego Andrés Prada; Gerardo Santamaría; Hector Alejandro Ruiz-Moreno; Jhonnatan Reales-González; Julian Naizaque; Katherine Laiton-Donato;	

EPI_ISL_1017707, EPI_ISL_1017708, EPI_ISL_1017709, EPI_ISL_1017710			Magdalena Wiesner; Marcela Mercado-Reyes; Maria T. Herrera-Sepúlveda; Martha Lucia Ospina Martínez; Sheryll Corchuelo		
EPI_ISL_871976, EPI_ISL_871977	Hospital Universitario Lozano Bielsa	Instituto de Salud Carlos III	A. Monzón; F. Casas; I. Benito, R.; I. Jiménez; Iglesias-Caballero; M. Camarero; M. Cuesta; M. González-Esguevillas; M. Pozo; M. Zaballos; P. Jiménez; S. Juliá; S. Molinero Calamita; S. Varona		
EPI_ISL_871978, EPI_ISL_871980, EPI_ISL_871981, EPI_ISL_871982, EPI_ISL_871983	Hospital Universitario Miguel Servet	Instituto de Salud Carlos III	A. Monzón; F. Casas; I. Jiménez; I. Rezusta, A.; Iglesias-Caballero; M. Camarero; M. Cuesta; M. González-Esguevillas; M. Pozo; M. Zaballos; P. Jiménez; S. Juliá; S. Molinero Calamita; S. Varona		
EPI_ISL_871973, EPI_ISL_871984, EPI_ISL_871991	Hospital Universitario Severo Ochoa	Instituto de Salud Carlos III	A. Monzón; F. Casas; I. García; I. Jiménez; Iglesias-Caballero; M. Camarero; M. Cuesta; M. González-Esguevillas; M. Pozo; M. Zaballos; M.L.; P. Jiménez; S. Juliá; S. Molinero Calamita; S. Varona		
EPI_ISL_862545, EPI_ISL_862549, EPI_ISL_862568, EPI_ISL_913060, EPI_ISL_954782, EPI_ISL_954783, EPI_ISL_954793, EPI_ISL_954799, EPI_ISL_954812	see above	Hospital Universitario Virgen de la Arrixaca	Instituto de Salud Carlos III	A. Monzón; F. Casas; I.; I. Jiménez; I. Moreno, A.; I. Moreno, L.; Iglesias-Caballero; M. Camarero; M. Camarero; M. Cuesta; M. González-Esguevillas; M. Pozo; M. Zaballos; Moreno, A.; P. Jiménez; P. Zaballos; S. Cuesta; S. Juliá; S. Molinero Calamita; S. Pozo; S. Sandonis; S. Varona; V. Vázquez	
EPI_ISL_862655, EPI_ISL_862656, EPI_ISL_862657, EPI_ISL_862658, EPI_ISL_871995, EPI_ISL_913020, EPI_ISL_913054, EPI_ISL_913055, EPI_ISL_913056, EPI_ISL_913058	see above	Hospital Universitario de Ceuta	Instituto de Salud Carlos III	A. Monzón; F. Casas; I. Hijano, S.; I. Jiménez; I. López, J.; Iglesias-Caballero; M. Camarero; M. Cuesta; M. González-Esguevillas; M. Pozo; M. Zaballos; P. Jiménez; P. Zaballos; S. Cuesta; S. Juliá; S. Molinero Calamita; S. Pozo; S. Sandonis; S. Varona; V. Vázquez	
EPI_ISL_913040	Hospital Universitario de Guadalajara	Instituto de Salud Carlos III	A. Monzón; F. Casas; I. González, A.; I. Jiménez; Iglesias-Caballero; M. Camarero; P. Zaballos; S. Cuesta; S. Pozo; S. Sandonis; S. Varona; V. Vázquez		
EPI_ISL_977507	Hospital Valle del Nalon	Laboratorio de Virología HUCA	Abreu F; Alvarez-Arguelles ME; Boga JA; Castelló C; Costales I; Coto E; Gómez de Oña J; Martín-Rodríguez G; Melón S; Perez-Martínez Z; Rojo S; Sandoval M		
EPI_ISL_906073	Hospital Vila Lobos	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valesa Ramos Gomes; Karoline Rodrigues Campos		
EPI_ISL_977417	Hospital de Cabueñes	Laboratorio de Virología / Hospital Universitario Central de Asturias (HUCA)	Abreu F; Alvarez-Arguelles ME; Boga JA; Castelló C; Costales I; Coto E; Gómez de Oña J; Martín-Rodríguez G; Melón S; Perez-Martínez Z; Rojo S; Sandoval M		
EPI_ISL_836143	Hospital de Campanha COVID-19 de Mairipora	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valesa Ramos Gomes; Karoline Rodrigues Campos		
EPI_ISL_940612	Hospital de Campanha para Enfrentamento do Coronavirus - Goiania	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valesa Ramos Gomes; Karoline Rodrigues Campos		
EPI_ISL_882667	Hospital de Clinicas Caieiras	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valesa Ramos Gomes; Karoline Rodrigues Campos		
EPI_ISL_871994	Hospital de Madrid	Instituto de Salud Carlos III	A. Monzón; F. Casas; I. Alhambra, A.; I. Jiménez; Iglesias-Caballero; M. Camarero; M. Cuesta; M. González-Esguevillas; M. Pozo; M. Zaballos; P. Jiménez; S. Juliá; S. Molinero Calamita; S. Varona		
EPI_ISL_882661, EPI_ISL_882662	Hospital de Santa Barbara de Goias	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valesa Ramos Gomes; Karoline Rodrigues Campos		
EPI_ISL_875689	Hospital do Servidor Publico	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valesa Ramos Gomes; Karoline Rodrigues Campos		
EPI_ISL_940609	Hospital e Maternidade Celso Pierro	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valesa Ramos Gomes; Karoline Rodrigues Campos		
EPI_ISL_861635	Hospital e Maternidade Madre Theodora	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valesa Ramos Gomes; Karoline Rodrigues Campos		
EPI_ISL_861657	Hospital e Maternidade Sino Brasileiro	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valesa Ramos Gomes; Karoline Rodrigues Campos		
EPI_ISL_861645	Hospital e Pronto Socorro Comunitario Vila Iolanda	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valesa Ramos Gomes; Karoline Rodrigues Campos		
EPI_ISL_861648, EPI_ISL_861680	Hospital e Pronto Socorro Portinari	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valesa Ramos Gomes; Karoline Rodrigues Campos		
EPI_ISL_1084635	Hospital for Infectious Diseases, Molecular Diagnostics Laboratory, Warsaw, Poland	0. Laboratory of Recombinant Vaccines, Intercollegiate Faculty of Biotechnology University of Gdansk and Medical University of Gdansk, 2. ViroGenetics - BSL3 Laboratory of Virology, Malopolska Centre of Biotechnology, Jagiellonian University	Andrzej Horban; Aneta Kopacz; Krystyna Bienkowska-Szewczyk; Krzysztof Pyrc; Lukasz Rabalski; Maciej Kosinski; Natalia Mazur-Panasiuk; Piotr Zabek; Tomasz Dyda		
EPI_ISL_1084636	Hospital for Infectious Diseases, Molecular Diagnostics Laboratory, Warsaw, Poland	1. Laboratory of Recombinant Vaccines, Intercollegiate Faculty of Biotechnology University of Gdansk and Medical University of Gdansk, 2. ViroGenetics - BSL3 Laboratory of Virology, Malopolska Centre of Biotechnology, Jagiellonian University	Andrzej Horban; Aneta Kopacz; Krystyna Bienkowska-Szewczyk; Krzysztof Pyrc; Lukasz Rabalski; Maciej Kosinski; Natalia Mazur-Panasiuk; Piotr Zabek; Tomasz Dyda		
EPI_ISL_1084620	Hospital for Infectious Diseases, Molecular Diagnostics Laboratory, Warsaw, Poland	10. Laboratory of Recombinant Vaccines, Intercollegiate Faculty of Biotechnology University of Gdansk and Medical University of Gdansk, 2. ViroGenetics - BSL3 Laboratory of Virology, Malopolska Centre of Biotechnology, Jagiellonian University	Andrzej Horban; Aneta Kopacz; Krystyna Bienkowska-Szewczyk; Krzysztof Pyrc; Lukasz Rabalski; Maciej Kosinski; Natalia Mazur-Panasiuk; Piotr Zabek; Tomasz Dyda		
EPI_ISL_1084642	Hospital for Infectious Diseases, Molecular Diagnostics Laboratory, Warsaw, Poland	11. Laboratory of Recombinant Vaccines, Intercollegiate Faculty of Biotechnology University of Gdansk and Medical University of Gdansk, 2. ViroGenetics - BSL3 Laboratory of Virology, Malopolska Centre of Biotechnology, Jagiellonian University	Andrzej Horban; Aneta Kopacz; Krystyna Bienkowska-Szewczyk; Krzysztof Pyrc; Lukasz Rabalski; Maciej Kosinski; Natalia Mazur-Panasiuk; Piotr Zabek; Tomasz Dyda		
EPI_ISL_1084643	Hospital for Infectious Diseases, Molecular Diagnostics Laboratory, Warsaw, Poland	12. Laboratory of Recombinant Vaccines, Intercollegiate Faculty of Biotechnology University of Gdansk and Medical University of Gdansk, 2. ViroGenetics - BSL3 Laboratory of Virology, Malopolska Centre of Biotechnology, Jagiellonian University	Andrzej Horban; Aneta Kopacz; Krystyna Bienkowska-Szewczyk; Krzysztof Pyrc; Lukasz Rabalski; Maciej Kosinski; Natalia Mazur-Panasiuk; Piotr Zabek; Tomasz Dyda		
EPI_ISL_1084607	Hospital for Infectious Diseases, Molecular Diagnostics Laboratory, Warsaw, Poland	13. Laboratory of Recombinant Vaccines, Intercollegiate Faculty of Biotechnology University of Gdansk and Medical University of Gdansk, 2. ViroGenetics - BSL3 Laboratory of Virology, Malopolska Centre of Biotechnology, Jagiellonian University	Andrzej Horban; Aneta Kopacz; Krystyna Bienkowska-Szewczyk; Krzysztof Pyrc; Lukasz Rabalski; Maciej Kosinski; Natalia Mazur-Panasiuk; Piotr Zabek; Tomasz Dyda		
EPI_ISL_1084644	Hospital for Infectious Diseases, Molecular Diagnostics Laboratory, Warsaw, Poland	14. Laboratory of Recombinant Vaccines, Intercollegiate Faculty of Biotechnology University of Gdansk and Medical University of Gdansk, 2. ViroGenetics - BSL3 Laboratory of Virology, Malopolska Centre of Biotechnology, Jagiellonian University	Andrzej Horban; Aneta Kopacz; Krystyna Bienkowska-Szewczyk; Krzysztof Pyrc; Lukasz Rabalski; Maciej Kosinski; Natalia Mazur-Panasiuk; Piotr Zabek; Tomasz Dyda		
EPI_ISL_1084645	Hospital for Infectious Diseases, Molecular Diagnostics Laboratory, Warsaw, Poland	15. Laboratory of Recombinant Vaccines, Intercollegiate Faculty of Biotechnology University of Gdansk and Medical University of Gdansk, 2. ViroGenetics - BSL3 Laboratory of Virology, Malopolska Centre of Biotechnology, Jagiellonian University	Andrzej Horban; Aneta Kopacz; Krystyna Bienkowska-Szewczyk; Krzysztof Pyrc; Lukasz Rabalski; Maciej Kosinski; Natalia Mazur-Panasiuk; Piotr Zabek; Tomasz Dyda		
EPI_ISL_1084646	Hospital for Infectious Diseases, Molecular Diagnostics Laboratory, Warsaw, Poland	16. Laboratory of Recombinant Vaccines, Intercollegiate Faculty of Biotechnology University of Gdansk and Medical University of Gdansk, 2. ViroGenetics - BSL3 Laboratory of Virology, Malopolska Centre of Biotechnology, Jagiellonian University	Andrzej Horban; Aneta Kopacz; Krystyna Bienkowska-Szewczyk; Krzysztof Pyrc; Lukasz Rabalski; Maciej Kosinski; Natalia Mazur-Panasiuk; Piotr Zabek; Tomasz Dyda		
EPI_ISL_1084647	Hospital for Infectious Diseases, Molecular Diagnostics Laboratory, Warsaw, Poland	17. Laboratory of Recombinant Vaccines, Intercollegiate Faculty of Biotechnology University of Gdansk and Medical University of Gdansk, 2. ViroGenetics - BSL3 Laboratory of Virology, Malopolska Centre of Biotechnology, Jagiellonian University	Andrzej Horban; Aneta Kopacz; Krystyna Bienkowska-Szewczyk; Krzysztof Pyrc; Lukasz Rabalski; Maciej Kosinski; Natalia Mazur-Panasiuk; Piotr Zabek; Tomasz Dyda		
EPI_ISL_1084621	Hospital for Infectious Diseases, Molecular Diagnostics Laboratory, Warsaw, Poland	18. Laboratory of Recombinant Vaccines, Intercollegiate Faculty of Biotechnology University of Gdansk and Medical University of Gdansk, 2. ViroGenetics - BSL3 Laboratory of Virology, Malopolska Centre of Biotechnology, Jagiellonian University	Andrzej Horban; Aneta Kopacz; Krystyna Bienkowska-Szewczyk; Krzysztof Pyrc; Lukasz Rabalski; Maciej Kosinski; Natalia Mazur-Panasiuk; Piotr Zabek; Tomasz Dyda		
EPI_ISL_1084648	Hospital for Infectious Diseases, Molecular Diagnostics Laboratory, Warsaw, Poland	19. Laboratory of Recombinant Vaccines, Intercollegiate Faculty of Biotechnology University of Gdansk and Medical University of Gdansk, 2. ViroGenetics - BSL3 Laboratory of Virology, Malopolska Centre of Biotechnology, Jagiellonian University	Andrzej Horban; Aneta Kopacz; Krystyna Bienkowska-Szewczyk; Krzysztof Pyrc; Lukasz Rabalski; Maciej Kosinski; Natalia Mazur-Panasiuk; Piotr Zabek; Tomasz Dyda		
EPI_ISL_1084616, EPI_ISL_1084627	Hospital for Infectious Diseases, Molecular Diagnostics Laboratory, Warsaw, Poland	2. Laboratory of Recombinant Vaccines, Intercollegiate Faculty of Biotechnology University of Gdansk and Medical University of Gdansk, 2. ViroGenetics - BSL3 Laboratory of Virology, Malopolska Centre of Biotechnology, Jagiellonian University	Andrzej Horban; Aneta Kopacz; Krystyna Bienkowska-Szewczyk; Krzysztof Pyrc; Lukasz Rabalski; Maciej Kosinski; Natalia Mazur-Panasiuk; Piotr Zabek; Tomasz Dyda		
EPI_ISL_1084649	Hospital for Infectious Diseases, Molecular Diagnostics Laboratory, Warsaw, Poland	20. Laboratory of Recombinant Vaccines, Intercollegiate Faculty of Biotechnology University of Gdansk and Medical University of Gdansk, 2. ViroGenetics - BSL3 Laboratory of Virology, Malopolska Centre of Biotechnology, Jagiellonian University	Andrzej Horban; Aneta Kopacz; Krystyna Bienkowska-Szewczyk; Krzysztof Pyrc; Lukasz Rabalski; Maciej Kosinski; Natalia Mazur-Panasiuk; Piotr Zabek; Tomasz Dyda		
EPI_ISL_1084650	Hospital for Infectious Diseases, Molecular Diagnostics Laboratory, Warsaw, Poland	21. Laboratory of Recombinant Vaccines, Intercollegiate Faculty of Biotechnology University of Gdansk and Medical University of Gdansk, 2. ViroGenetics - BSL3 Laboratory of Virology, Malopolska Centre of Biotechnology, Jagiellonian University	Andrzej Horban; Aneta Kopacz; Krystyna Bienkowska-Szewczyk; Krzysztof Pyrc; Lukasz Rabalski; Maciej Kosinski; Natalia Mazur-Panasiuk; Piotr Zabek; Tomasz Dyda		
EPI_ISL_1084622	Hospital for Infectious Diseases, Molecular Diagnostics Laboratory, Warsaw, Poland	22. Laboratory of Recombinant Vaccines, Intercollegiate Faculty of Biotechnology University of Gdansk and Medical University of Gdansk, 2. ViroGenetics - BSL3 Laboratory of Virology, Malopolska Centre of Biotechnology, Jagiellonian University	Andrzej Horban; Aneta Kopacz; Krystyna Bienkowska-Szewczyk; Krzysztof Pyrc; Lukasz Rabalski; Maciej Kosinski; Natalia Mazur-Panasiuk; Piotr Zabek; Tomasz Dyda		
EPI_ISL_1084651	Hospital for Infectious Diseases, Molecular Diagnostics Laboratory, Warsaw, Poland	23. Laboratory of Recombinant Vaccines, Intercollegiate Faculty of Biotechnology University of Gdansk and Medical University of Gdansk, 2. ViroGenetics - BSL3 Laboratory of Virology, Malopolska Centre of Biotechnology, Jagiellonian University	Andrzej Horban; Aneta Kopacz; Krystyna Bienkowska-Szewczyk; Krzysztof Pyrc; Lukasz Rabalski; Maciej Kosinski; Natalia Mazur-Panasiuk; Piotr Zabek; Tomasz Dyda		
EPI_ISL_1084652	Hospital for Infectious Diseases, Molecular Diagnostics Laboratory, Warsaw, Poland	24. Laboratory of Recombinant Vaccines, Intercollegiate Faculty of Biotechnology University of Gdansk and Medical University of Gdansk, 2. ViroGenetics - BSL3 Laboratory of Virology, Malopolska Centre of Biotechnology, Jagiellonian University	Andrzej Horban; Aneta Kopacz; Krystyna Bienkowska-Szewczyk; Krzysztof Pyrc; Lukasz Rabalski; Maciej Kosinski; Natalia Mazur-Panasiuk; Piotr Zabek; Tomasz Dyda		

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EPI_ISL_1084632	Hospital for Infectious Diseases, Molecular Diagnostics Laboratory, Warsaw, Poland	28. Laboratory of Recombinant Vaccines, Intercollegiate Faculty of Biotechnology University of Gdansk and Medical University of Gdansk. 2. ViroGenetics - BS13 Laboratory of Virology, Matopolska Centre of Biotechnology, Jagiellonian University	Andrzej Horban; Aneta Kopacz; Krystyna Bienkowska-Szewczyk; Krzysztof Pyrc; Lukasz Rabalski; Maciej Kosinski; Natalia Mazur-Panasiuk; Piotr Zabek; Tomasz Dydla	
EPI_ISL_1084618	Hospital for Infectious Diseases, Molecular Diagnostics Laboratory, Warsaw, Poland	59. Laboratory of Recombinant Vaccines, Intercollegiate Faculty of Biotechnology University of Gdansk and Medical University of Gdansk. 2. ViroGenetics - BS13 Laboratory of Virology, Matopolska Centre of Biotechnology, Jagiellonian University	Andrzej Horban; Aneta Kopacz; Krystyna Bienkowska-Szewczyk; Krzysztof Pyrc; Lukasz Rabalski; Maciej Kosinski; Natalia Mazur-Panasiuk; Piotr Zabek; Tomasz Dydla	
EPI_ISL_1084632, EPI_ISL_1084640	Hospital for Infectious Diseases, Molecular Diagnostics Laboratory, Warsaw, Poland	6. Laboratory of Recombinant Vaccines, Intercollegiate Faculty of Biotechnology University of Gdansk and Medical University of Gdansk. 2. ViroGenetics - BS13 Laboratory of Virology, Matopolska Centre of Biotechnology, Jagiellonian University	Andrzej Horban; Aneta Kopacz; Krystyna Bienkowska-Szewczyk; Krzysztof Pyrc; Lukasz Rabalski; Maciej Kosinski; Natalia Mazur-Panasiuk; Piotr Zabek; Tomasz Dydla	
EPI_ISL_1084671	Hospital for Infectious Diseases, Molecular Diagnostics Laboratory, Warsaw, Poland	60. Laboratory of Recombinant Vaccines, Intercollegiate Faculty of Biotechnology University of Gdansk and Medical University of Gdansk. 2. ViroGenetics - BS13 Laboratory of Virology, Matopolska Centre of Biotechnology, Jagiellonian University	Andrzej Horban; Aneta Kopacz; Krystyna Bienkowska-Szewczyk; Krzysztof Pyrc; Lukasz Rabalski; Maciej Kosinski; Natalia Mazur-Panasiuk; Piotr Zabek; Tomasz Dydla	
EPI_ISL_1084609	Hospital for Infectious Diseases, Molecular Diagnostics Laboratory, Warsaw, Poland	61. Laboratory of Recombinant Vaccines, Intercollegiate Faculty of Biotechnology University of Gdansk and Medical University of Gdansk. 2. ViroGenetics - BS13 Laboratory of Virology, Matopolska Centre of Biotechnology, Jagiellonian University	Andrzej Horban; Aneta Kopacz; Krystyna Bienkowska-Szewczyk; Krzysztof Pyrc; Lukasz Rabalski; Maciej Kosinski; Natalia Mazur-Panasiuk; Piotr Zabek; Tomasz Dydla	
EPI_ISL_1084672	Hospital for Infectious Diseases, Molecular Diagnostics Laboratory, Warsaw, Poland	62. Laboratory of Recombinant Vaccines, Intercollegiate Faculty of Biotechnology University of Gdansk and Medical University of Gdansk. 2. ViroGenetics - BS13 Laboratory of Virology, Matopolska Centre of Biotechnology, Jagiellonian University	Andrzej Horban; Aneta Kopacz; Krystyna Bienkowska-Szewczyk; Krzysztof Pyrc; Lukasz Rabalski; Maciej Kosinski; Natalia Mazur-Panasiuk; Piotr Zabek; Tomasz Dydla	
EPI_ISL_1084613	Hospital for Infectious Diseases, Molecular Diagnostics Laboratory, Warsaw, Poland	63. Laboratory of Recombinant Vaccines, Intercollegiate Faculty of Biotechnology University of Gdansk and Medical University of Gdansk. 2. ViroGenetics - BS13 Laboratory of Virology, Matopolska Centre of Biotechnology, Jagiellonian University	Andrzej Horban; Aneta Kopacz; Krystyna Bienkowska-Szewczyk; Krzysztof Pyrc; Lukasz Rabalski; Maciej Kosinski; Natalia Mazur-Panasiuk; Piotr Zabek; Tomasz Dydla	
EPI_ISL_1084628, EPI_ISL_1084631	Hospital for Infectious Diseases, Molecular Diagnostics Laboratory, Warsaw, Poland	7. Laboratory of Recombinant Vaccines, Intercollegiate Faculty of Biotechnology University of Gdansk and Medical University of Gdansk. 2. ViroGenetics - BS13 Laboratory of Virology, Matopolska Centre of Biotechnology, Jagiellonian University	Andrzej Horban; Aneta Kopacz; Krystyna Bienkowska-Szewczyk; Krzysztof Pyrc; Lukasz Rabalski; Maciej Kosinski; Natalia Mazur-Panasiuk; Piotr Zabek; Tomasz Dydla	
EPI_ISL_1084610	Hospital for Infectious Diseases, Molecular Diagnostics Laboratory, Warsaw, Poland	8. Laboratory of Recombinant Vaccines, Intercollegiate Faculty of Biotechnology University of Gdansk and Medical University of Gdansk. 2. ViroGenetics - BS13 Laboratory of Virology, Matopolska Centre of Biotechnology, Jagiellonian University	Andrzej Horban; Aneta Kopacz; Krystyna Bienkowska-Szewczyk; Krzysztof Pyrc; Lukasz Rabalski; Maciej Kosinski; Natalia Mazur-Panasiuk; Piotr Zabek; Tomasz Dydla	
EPI_ISL_1084641	Hospital for Infectious Diseases, Molecular Diagnostics Laboratory, Warsaw, Poland	9. Laboratory of Recombinant Vaccines, Intercollegiate Faculty of Biotechnology University of Gdansk and Medical University of Gdansk. 2. ViroGenetics - BS13 Laboratory of Virology, Matopolska Centre of Biotechnology, Jagiellonian University	Andrzej Horban; Aneta Kopacz; Krystyna Bienkowska-Szewczyk; Krzysztof Pyrc; Lukasz Rabalski; Maciej Kosinski; Natalia Mazur-Panasiuk; Piotr Zabek; Tomasz Dydla	
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EPI_ISL_1041195, EPI_ISL_1041196, EPI_ISL_1041197, EPI_ISL_1041198, EPI_ISL_1041199, EPI_ISL_1041200, EPI_ISL_1041201, EPI_ISL_1041202, EPI_ISL_1041203, EPI_ISL_1041204, EPI_ISL_1041205, EPI_ISL_1041206, EPI_ISL_1041207, EPI_ISL_1041208, EPI_ISL_1041209, EPI_ISL_1041210, EPI_ISL_1041211, EPI_ISL_1041212	see above	Hungarian Defence Forces Military Medical Centre	National Laboratory of Virology, Szentágotai Research Centre	Balázs Somogyi; Csaba Pereszély; Endre Gábor Tóth; Ferenc Jakab; Gábor Kemenesi; Ágnes Balázs-Nagy
EPI_ISL_759956	see above	Husada Utama Hospital	Institute of Tropical Disease, Universitas Airlangga	Aldise M Nastri; Didi Dewanto; Gatot Soegiarto; Jezzy R Dewantari; Kafufumi Shimizu; Krisnoadi Rahardjo; Laksmi Wulandari; Maria I Lusida; Resti Yudhawati; Rima R Prasetya; Soetjipto; Yasuko Mori
EPI_ISL_833191, EPI_ISL_833192, EPI_ISL_833193, EPI_ISL_833194, EPI_ISL_833195, EPI_ISL_833196, EPI_ISL_833197, EPI_ISL_833198, EPI_ISL_833199, EPI_ISL_833200	see above	Hôpital Bichat Claude Bernard, Laboratoire de Virologie	IAIME UMR1137 Inserm, Université de Paris, Hôpital Bichat	Alexandre Storto; Amélie Recoing; Antoine Bridier; Benoit Visseaux; Charlotte Charpentier; Diane Descamps; Gilles Collin; Lena Daniel; Mélanie Bertine; Nadhira Houhou-Fidouh; Quentin Le Hingrat; Siham Hamri
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EPI_ISL_969218, EPI_ISL_969258, EPI_ISL_969290, EPI_ISL_969332, EPI_ISL_969365, EPI_ISL_969397, EPI_ISL_969509, EPI_ISL_969740	Indian Council of Medical Research-National Institute of Virology, Pune	Indian Council of Medical Research-National Institute of Virology, Maximum Containment Laboratory	Abhinendra Kumar; Anita Shete-Aich; Dimpal A. Nyayanit; Pragya D. Yadav; Pragya Yadav; Savita Patil; Triparna D. Majumdar
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EPI_ISL_872641, EPI_ISL_872642, EPI_ISL_875515	Influenza etiology and epidemiology laboratory	Pathogenic Microorganisms Variability Laboratory	Alexander Gintsburg; Alexey Shchetinin; Andrei Siniavin; Andrey Pochtovyy; Anna Ignatieva; Denis Logunov; Elena Burtseva; Elena Shidlovskaya; Elizaveta Divisenko; Evgeniya Mukasheva; Evgeny Usachev; Kirill Krasnoslobotsev; Ludmila Kolobukhina; Maria Nikiforova; Nadezhda Kuznetsova; Olesya Venchakova; Olga Burgasova; Svetlana Smetanina; Svetlana Trushakova; Valeria Bacalin; Vladimir Gushchin
EPI_ISL_1013214, EPI_ISL_1013215, EPI_ISL_1013216, EPI_ISL_1013236, EPI_ISL_1013417, EPI_ISL_1013418, EPI_ISL_1013419, EPI_ISL_1013420, EPI_ISL_1013421, EPI_ISL_1013422, EPI_ISL_1013423, EPI_ISL_1013424, EPI_ISL_1013425, EPI_ISL_1013426, EPI_ISL_1013427, EPI_ISL_1013428, EPI_ISL_1013429, EPI_ISL_1013430, EPI_ISL_1013431, EPI_ISL_1013432, EPI_ISL_1013433, EPI_ISL_1013434, EPI_ISL_1013435, EPI_ISL_1013436, EPI_ISL_1013437	Institut Pasteur de Guadeloupe	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Angela Brisebarre; Camille Capel; Etienne Simon-Lorière; Marion Barbet; Maud Vanpeene; Méline Bizard; Sylvie Behilli; Sylvie van der Werf; Talarmin Antoine; Vincent Enouf
EPI_ISL_877228, EPI_ISL_912397, EPI_ISL_912399, EPI_ISL_912400, EPI_ISL_934424, EPI_ISL_936491, EPI_ISL_936496, EPI_ISL_944094, EPI_ISL_944095, EPI_ISL_944096, EPI_ISL_944099, EPI_ISL_944100, EPI_ISL_944101, EPI_ISL_944102, EPI_ISL_944103, EPI_ISL_944104, EPI_ISL_962203, EPI_ISL_962204, EPI_ISL_962205, EPI_ISL_962206, EPI_ISL_962207, EPI_ISL_962523, EPI_ISL_962524, EPI_ISL_962525, EPI_ISL_962526, EPI_ISL_962527, EPI_ISL_968089, EPI_ISL_1055037, EPI_ISL_1055261, EPI_ISL_1055262, EPI_ISL_1055263, EPI_ISL_1055264, EPI_ISL_1055361, EPI_ISL_1055362, EPI_ISL_1055363, EPI_ISL_1055364, EPI_ISL_1068849, EPI_ISL_1068850, EPI_ISL_1068851, EPI_ISL_1068929, EPI_ISL_1081327, EPI_ISL_1081333, EPI_ISL_1081350, EPI_ISL_1081351, EPI_ISL_1081352	Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia	Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia	Azizan MA; Kamel K; Moh Zawawi Z; Mohd Zawawi Z; Ramly MN; Ramly N; Robert F; Supiah J; Thayan R
EPI_ISL_964878, EPI_ISL_964879	Institute of Virology Ulm University Medical Center Prof. Dr. Thomas Stamminger	Münch Lab / Ulm University Medical Center Kirchhoff Lab / Ulm University Medical Center Sparrer Lab / Ulm University Medical Center Blum Lab / LMU Munich	Alexander Graf; Carina Conzelmann; Frank Kirchhoff; Helmut Blum; Jan Münch; Janis Müller; Konstantin Sparrer; Rüdiger Gross; Stefan Krebs; Thomas Stamminger
EPI_ISL_796027, EPI_ISL_796028, EPI_ISL_796029, EPI_ISL_796030, EPI_ISL_796031, EPI_ISL_796032, EPI_ISL_796033, EPI_ISL_796034, EPI_ISL_796035, EPI_ISL_796036, EPI_ISL_796037, EPI_ISL_796038, EPI_ISL_796039, EPI_ISL_796040, EPI_ISL_796041, EPI_ISL_796042, EPI_ISL_796043, EPI_ISL_796044, EPI_ISL_796045, EPI_ISL_796046, EPI_ISL_796047, EPI_ISL_796048, EPI_ISL_796049, EPI_ISL_796050, EPI_ISL_796051, EPI_ISL_796052, EPI_ISL_796053, EPI_ISL_796054, EPI_ISL_796055, EPI_ISL_796056, EPI_ISL_796057, EPI_ISL_796058, EPI_ISL_796059, EPI_ISL_796060, EPI_ISL_796061, EPI_ISL_796062, EPI_ISL_796063, EPI_ISL_803866, EPI_ISL_827042, EPI_ISL_827043	Institute of Virology, University of Cologne	Institute of Virology, University of Cologne	Alex Thielen; Alexander Dilthey; Andreas Walker; Dominik Aschenmeier; Elena Knops; Eva Heger; Gibran Rubio; Jörg Timm; Martin Däumer; Maximilian Damagnez; Rolf Kaiser; Saleta Sierra; Zevanya Tessalonica
EPI_ISL_755640, EPI_ISL_755642, EPI_ISL_755643, EPI_ISL_755651, EPI_ISL_755653, EPI_ISL_755654, EPI_ISL_776750, EPI_ISL_776751, EPI_ISL_776752, EPI_ISL_776753, EPI_ISL_776754, EPI_ISL_776755, EPI_ISL_776756, EPI_ISL_776759, EPI_ISL_776760, EPI_ISL_776761, EPI_ISL_776762, EPI_ISL_776763, EPI_ISL_792101, EPI_ISL_792102, EPI_ISL_792104, EPI_ISL_792105, EPI_ISL_792106, EPI_ISL_792107, EPI_ISL_792108, EPI_ISL_792109, EPI_ISL_792110, EPI_ISL_792111, EPI_ISL_792112, EPI_ISL_792113, EPI_ISL_792114, EPI_ISL_833152, EPI_ISL_833153, EPI_ISL_833154, EPI_ISL_833155, EPI_ISL_833159, EPI_ISL_833161, EPI_ISL_861625, EPI_ISL_861626, EPI_ISL_861627, EPI_ISL_861629, EPI_ISL_861630, EPI_ISL_861631, EPI_ISL_861632, EPI_ISL_861633, EPI_ISL_861634, EPI_ISL_861642, EPI_ISL_861643, EPI_ISL_861663, EPI_ISL_861677	Instituto Adolfo Lutz - Central	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Vallessa Ramos Gomes; Karoline Rodrigues Campos
EPI_ISL_776768, EPI_ISL_977482, EPI_ISL_1039702	Instituto Adolfo Lutz - Regional de Aracatuba	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Vallessa Ramos Gomes; Karoline Rodrigues Campos
EPI_ISL_755655, EPI_ISL_861664, EPI_ISL_906068, EPI_ISL_906069	Instituto Adolfo Lutz - Regional de Campinas	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Vallessa Ramos Gomes; Karoline Rodrigues Campos
EPI_ISL_776757, EPI_ISL_776758, EPI_ISL_776767, EPI_ISL_833163, EPI_ISL_984243, EPI_ISL_984244	Instituto Adolfo Lutz - Regional de Marília	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Vallessa Ramos Gomes; Karoline Rodrigues Campos
EPI_ISL_977471, EPI_ISL_977475, EPI_ISL_977478, EPI_ISL_977480, EPI_ISL_977481, EPI_ISL_977485, EPI_ISL_977488, EPI_ISL_985170, EPI_ISL_1039696	Instituto Adolfo Lutz - Regional de Presidente Prudente	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Vallessa Ramos Gomes; Karoline Rodrigues Campos
EPI_ISL_861667	Instituto Adolfo Lutz - Regional de Rio Claro	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Vallessa Ramos Gomes; Karoline Rodrigues Campos
EPI_ISL_755641, EPI_ISL_755644, EPI_ISL_755647, EPI_ISL_755649, EPI_ISL_776764, EPI_ISL_776765, EPI_ISL_776766, EPI_ISL_776769, EPI_ISL_792103, EPI_ISL_833157, EPI_ISL_833158, EPI_ISL_833160, EPI_ISL_977486	Instituto Adolfo Lutz - Regional de Santo Andre	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Vallessa Ramos Gomes; Karoline Rodrigues Campos
EPI_ISL_833156, EPI_ISL_860317, EPI_ISL_860633	Instituto Adolfo Lutz - Regional de Sorocaba	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Vallessa Ramos Gomes; Karoline Rodrigues Campos
EPI_ISL_755648, EPI_ISL_755650, EPI_ISL_792115, EPI_ISL_792116, EPI_ISL_861665, EPI_ISL_861670, EPI_ISL_861679, EPI_ISL_985171, EPI_ISL_985172, EPI_ISL_985173, EPI_ISL_985174, EPI_ISL_1039699, EPI_ISL_1039703	Instituto Adolfo Lutz - Regional de Taubate	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Vallessa Ramos Gomes; Karoline Rodrigues Campos
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EPI_ISL_1015735	Instituto Nacional de Cancerologia	Instituto Nacional de Salud	Carlos Franco-Muñoz; Diego A. Álvarez-Díaz; Diego Andrés Prada; Gerardo Santamaría; Hector Alejandro Ruiz-Moreno; Jhonattan Reales-González; Julian Naizaque; Katherine Laiton-Donato; Magdalena Wiesner; Marcela Mercado-Reyes; María T. Herrera-Sepúlveda; Martha Lucia Ospina Martinez; Sheryll Corchuelo
EPI_ISL_845634	Instituto Nacional de Cancerologia	Instituto Nacional de Salud - Dirección de Investigación en Salud Pública	Carlos Franco-Muñoz; Diego A. Álvarez-Díaz; Diego Andrés Prada; Gerardo Santamaría; Jonathan Reales; Julian Naizaque; Katherine Laiton-Donato; Magdalena Wiesner; Marcela Mercado-Reyes; María T. Herrera-Sepúlveda; Martha Lucia Ospina Martinez; Mauricio Pacheco-Montealegre; Paola Muñoz-Laiton; Sheryll Corchuelo
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EPI_ISL_770129	Instituto Nacional de Investigación y Tecnología Agraria y Alimentaria (INIA)/ Departamento de Mejora Genética Animal	Instituto Nacional de Investigación y Tecnología Agraria y Alimentaria (INIA)/ Departamento de Mejora Genética Animal	Jovita Fernández-Pinero and SeqCOVID-SPAIN consortium; Miguel Ángel Jiménez-Clavero; Mónica Gutiérrez-Rivas; Oscar González-Recio; Ramón Peiró-Pastor
EPI_ISL_791084, EPI_ISL_791085, EPI_ISL_791086, EPI_ISL_791087, EPI_ISL_791088, EPI_ISL_791089, EPI_ISL_791090, EPI_ISL_791091, EPI_ISL_791092, EPI_ISL_791093, EPI_ISL_791094, EPI_ISL_791095, EPI_ISL_791096	Instituto Nacional de Salud - Unidad de Secuenciación y Análisis Genómico	Instituto Nacional de Salud - Dirección de Investigación en Salud Pública	Carlos Franco-Muñoz; Diego A. Álvarez-Díaz; Diego Andrés Prada; Gerardo Santamaría; Jeadran Malagon-Rojas; Jesith Tolzoa; Jonathan Reales; Julia Almentero; Julian Naizaque; Katherine Laiton-Donato; Magdalena Wiesner; Marcela Mercado-Reyes; María T. Herrera; Martha Lucia Ospina Martinez; Mauricio Pacheco-Montealegre; Paola Muñoz-Laiton; Ronald Lopez; Sheryll Corchuelo
EPI_ISL_941942, EPI_ISL_941943, EPI_ISL_941949, EPI_ISL_941951, EPI_ISL_941953, EPI_ISL_941956, EPI_ISL_941957, EPI_ISL_941958, EPI_ISL_941960, EPI_ISL_941963, EPI_ISL_941984, EPI_ISL_941985, EPI_ISL_941986, EPI_ISL_941987, EPI_ISL_941988, EPI_ISL_941989, EPI_ISL_941990, EPI_ISL_941991, EPI_ISL_941992, EPI_ISL_941993, EPI_ISL_941994, EPI_ISL_942003	Instituto Nacional de Salud, Bogotá, Colombia	Centro de Investigaciones en Microbiología y Biotecnología-UR (CIMBUr), Facultad de Ciencias Naturales, Universidad del Rosario, Bogotá, Colombia Instituto National de Salud, Bogotá, Colombia Icahn School of Medicine at Mount Sinai, New York, USA	Adriana van de Guchte; Alberto Paniz-Mondolfi; Ana S. Gonzalez-Reiche; Carolina Flórez; Carolina Hernández; Emilia Mia Sordillo; Hala Ajeel Alshammary; Harm van Bakel; Jayeeta Dutta; Juan David Ramirez; Luz Helena Patiño; Marina Muñoz; Matthew M. Hernandez; Nathalia Ballesteros; Sergio Gomez; Viviana Simon; Zenab Khan
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EPI_ISL_1060677, EPI_ISL_1060708, EPI_ISL_1060727, EPI_ISL_1060735, EPI_ISL_1060736, EPI_ISL_1060743, EPI_ISL_1060752, EPI_ISL_1060757, EPI_ISL_1060758, EPI_ISL_1060760, EPI_ISL_1060762	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE) RNLSP	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Abril Rodriguez-Maldonado; Adnan Araiza-Rodriguez; Claudia Wong-Arambula; David Fraigos-Fonseca; Ernesto Ramirez-Gonzalez.; Fabiola Garces-Ayala; Gisela Barrera-Badillo; Irma Lopez-Martinez; Lucia Hernandez-Rivas; Mayra Jimenez-Morales; Nancy Munoz-Hernandez; Natividad Cruz-Ortiz; Sergio Rangel-Guerrero; Tatiana Nunez-Garcia

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see above	Instituto de Diagnostico y Referencia Epidemiologicos INDRE_RNLSP	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Abril Rodriguez-Maldonado; Adnan Araiza-Rodriguez; Claudia Wong-Arambula; David Fragoso-Fonseca; Ernesto Ramirez-Gonzalez.; Fabiola Garces-Ayala; Gisela Barrera-Badillo; Irma Lopez-Martinez; Lucia Hernandez-Rivas; Mayra Jimenez-Morales; Nancy Munoz-Hernandez; Natividad Cruz-Ortiz; Sergio Rangel-Guerrero; Tatiana Nunez-Garcia
EPI_ISL_871972, EPI_ISL_871996, EPI_ISL_871997, EPI_ISL_871998	Instituto de Salud Carlos III	Instituto de Salud Carlos III	A. Monzón; F. Casas; I. Jiménez; Iglesias-Caballero; M. Camarero; M. Cuesta, I.; M. González-Esguevillas; M. Pozo; M. Zaballos; P. Jiménez; S. Juliá; S. Molinero Calamita; S. Varona
EPI_ISL_836978, EPI_ISL_862858, EPI_ISL_956311	Irmandade da Santa Casa de Misericórdia de Lorena Isehara Kyodo Hospital Islamic Hospital	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory Fujita health University, School of Medicine, Department of Microbiology Institute of Tropical Disease, Universitas Airlangga	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valessa Ramos Gomes; Karoline Rodrigues Campos Masahiro suzuki; Yohei Doi
EPI_ISL_956385, EPI_ISL_956386, EPI_ISL_956387, EPI_ISL_956388, EPI_ISL_956389, EPI_ISL_956390, EPI_ISL_956391, EPI_ISL_956392, EPI_ISL_956393, EPI_ISL_956394, EPI_ISL_956395, EPI_ISL_956396, EPI_ISL_956397, EPI_ISL_956398, EPI_ISL_956399, EPI_ISL_956400, EPI_ISL_956401	see above Isolation - Virology Unit, Institut Pasteur du Cambodge; Sequencing - US National Institute of Allergy and Infectious Diseases Cambodia, US Naval Medical Research Unit -2, Cambodia National Institute for Public Health	Virology Unit, Institut Pasteur du Cambodge	Aldise M Nastri; Dodo Anondo; Gatot Soegiarto; Jezza R Dewantari; Kazufumi Shimizu; Krisnoadi Rahardjo; Laksmi Wulandari; Maria I Lusida; Resti Yudhawati; Rima R Prasetya; Soetjipto; Yasuko Mori
EPI_ISL_956384	Isolation - Virology Unit, Institut Pasteur du Cambodge; Sequencing - US National Institute of Allergy and Infectious Diseases Cambodia, US Naval Medical Research Unit -2, National Public Health Laboratory, National Institute for Public Health, Cambodia	Virology Unit, Institut Pasteur du Cambodge	Chau Darapheak; Chin Savuth; Erik A Karlsson; Jennifer Bohl; Jessica Manning; Jose A Garcia-Rivera; Kraing Sidonn; Ly Sovann; Sophana Chea; Sreyngim Lay; Veasna Duong; Vireak Heang; Yi Sengdoeurn
EPI_ISL_1061413	Istanbul University-Cerrahpasa, Cerrahpasa School of Medicine, COVID-19 Laboratory	Istanbul University-Cerrahpasa, Cerrahpasa School of Medicine, COVID-19 Laboratory	Ebru Yucebag; Fusun Can; Haluk Eraksoy; Kenan Midilli; Mert Ahmet Kuskucu; Okan Kadir Nohut; Serap Şimşek Yavuz; Yesim Tuyji Tok; Zarifa Abullayeva
EPI_ISL_1042001, EPI_ISL_1063399, EPI_ISL_913449	Istinye university genetic diseases assessment center Istituto Zooprofilattico Sperimentale del Mezzogiorno	Istinye university genetic diseases assessment center INMI Lazzaro Spallanzani IRCCS	Msc; Mursel Caliskan; Prof Dr; Zeynep Ocak MD
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EPI_ISL_1091784, EPI_ISL_1091785, EPI_ISL_1091786	LSPD	Universidad Nacional de Colombia - Laboratorio Genómico One Health	Andrés F. Cardona-Rios; Carlos Franco-Muñoz; Daniel O. Maldonado-Pérez; Diego A. Álvarez-Díaz; Ibadely Betancur Ortiz; Jorge E. Osorio; Juan P. Hernandez-Ortiz; Karl A Ciuderiis; Laura Silvana Pérez; Marcela Mercado-Reyes; María Angélica Mayá; Sandra Ines Cano
EPI_ISL_942927, EPI_ISL_961467, EPI_ISL_961468, EPI_ISL_961469	LESP Nuevo Leon/Grupo de Diagnostico ARIES	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Abril Rodriguez-Maldonado; Claudia Wong-Arambula; Ernesto Ramirez-Gonzalez; ; Fabiola Garces-Ayala; Gisela Barrera-Badillo; Irma Lopez-Martinez; Lucia Hernandez-Rivas; Natividad Cruz-Ortiz; Tatiana Nunez-Garcia
EPI_ISL_794652, EPI_ISL_794653	LSP DEL TOLIMA	Instituto Nacional de Salud - Dirección de Investigación en Salud Pública	Carlos Franco-Muñoz; Diego A. Álvarez-Díaz; Diego Andrés Prada; Gerardo Santamaria; Jonathan Reales; Julian Naizaque; Katherine Laiton-Donato; Magdalena Wiesner; Marcela Mercado-Reyes; Maria T. Herrera; Martha Lucia Ospina Martinez; Mauricio Pacheco-Montealegre; Paola Muñoz-Laiton; Sheryl Corchuelo
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EPI_ISL_965031, EPI_ISL_965114, EPI_ISL_1034916, EPI_ISL_1063912, EPI_ISL_1082253			Medicina de Laboratorio, Ospedale "San Francesco" - ATS-ASSL Nuoro			Monne Maria Itria; Palmas Angelo Domenico; Paolo Malune; Piras Giovanna; Rosanna Asproni		
EPI_ISL_964893, EPI_ISL_964894, EPI_ISL_964895, EPI_ISL_964896, EPI_ISL_964898, EPI_ISL_964902, EPI_ISL_964903, EPI_ISL_964904, EPI_ISL_964905, EPI_ISL_964906, EPI_ISL_964908, EPI_ISL_964909, EPI_ISL_964910, EPI_ISL_964912, EPI_ISL_964914			see above			C Pintos; C Ziehm; J Ousset; L Pianciola.; M Fernandez; M Mazzeo; M Nabaes		
EPI_ISL_1092007			Laboratorio Central Mg. Luis Alfredo Píancola on behalf of 'Proyecto Argentino Interinstitucional de genómica de SARS-CoV-2' (PAIS Consortium)			Laboratorio Central Mg. Luis Alfredo Píancola on behalf of 'Proyecto Argentino Interinstitucional de genómica de SARS-CoV-2' (PAIS Consortium)		
EPI_ISL_1017702			Laboratorio Docente Asistencial-Universidad de Antioquia			Instituto Nacional de Salud- Dirección de Investigación en Salud Pública		
EPI_ISL_794592			Laboratorio Estatal de Salud Pública de Tamaulipas			Instituto de diagnóstico y Referencia Epidemiológicos (INDRE)		
EPI_ISL_956301, EPI_ISL_956306			Laboratorio Gencore- Universidad de los Andes			Instituto Nacional de Salud- Dirección de Investigación en Salud Pública, Universidad de los Andes- Gencore		
EPI_ISL_1092006			Laboratorio IMAT			Instituto Nacional de Salud- Dirección de Investigación en Salud Pública		
EPI_ISL_1097016			Laboratorio Microbiología e Virología P.O. Cotugno A.O. dei Coli			Laboratorio Microbiología e Virología P.O. Cotugno A.O. dei Coli		
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EPI_ISL_969297			Laboratorio Microbiología e Virología P.O. Cotugno A.O. dei Colli			Laboratorio Microbiología e Virología P.O. Cotugno A.O. dei Colli		
EPI_ISL_861628, EPI_ISL_861678			Laboratorio Municipal de Guarulhos			Laboratorio Microbiología e Virología, P.O. Cotugno, A.O. dei Colli		
EPI_ISL_845628, EPI_ISL_845629			Laboratorio Médico Echavarria			Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory		
EPI_ISL_842652			Laboratorio de Biología Molecular Hospital Pedro de Elizalde			Instituto Nacional de Salud - Dirección de Investigación en Salud Pública		
EPI_ISL_792560, EPI_ISL_811148, EPI_ISL_811149, EPI_ISL_1034304, EPI_ISL_1034305, EPI_ISL_1034306			Laboratorio de Ecología de Doenças Transmissíveis na Amazonia, Instituto Leonidas e Maria Deane - Fiocruz Amazonia			Laboratorio de Ecología de Doenças Transmissíveis na Amazonia, Instituto Leonidas e Maria Deane - Fiocruz Amazonia		
EPI_ISL_961760, EPI_ISL_961761, EPI_ISL_961762, EPI_ISL_961763, EPI_ISL_961764, EPI_ISL_961765, EPI_ISL_961766, EPI_ISL_961767, EPI_ISL_961768, EPI_ISL_961769, EPI_ISL_961770, EPI_ISL_961771, EPI_ISL_961772, EPI_ISL_961773, EPI_ISL_961774, EPI_ISL_961775, EPI_ISL_961776, EPI_ISL_961777, EPI_ISL_961778, EPI_ISL_961779, EPI_ISL_961780, EPI_ISL_961781, EPI_ISL_961782, EPI_ISL_961783, EPI_ISL_961784, EPI_ISL_961785, EPI_ISL_961786, EPI_ISL_961787, EPI_ISL_961788, EPI_ISL_961789, EPI_ISL_961790, EPI_ISL_961791, EPI_ISL_961792, EPI_ISL_961793, EPI_ISL_961794, EPI_ISL_961795, EPI_ISL_961796, EPI_ISL_961797, EPI_ISL_961798, EPI_ISL_961799, EPI_ISL_961800, EPI_ISL_965222			see above			André Corado; Debora Duarte; Felipe Naveca on behalf of the Fiocruz COVID-19 Genomic Surveillance Network; Fernanda Nascimento; Georges Silva; Karina Pessoa; Luciana Gonçalves; Maria Júlia Brandão; Matilde Mejía; Michele Jesus; Valdinete Nascimento; Victor Souza; Agatha Costa		
EPI_ISL_925173			Laboratorio de Referencia Nacional de Enteropatógenos. Instituto Nacional de Salud del Perú			Laboratorio de Referencia Nacional de Enteropatógenos. Instituto Nacional de Salud del Perú		
EPI_ISL_943570			Laboratorio de Referencia Nacional de Virus Respiratorio. Instituto Nacional de Salud Perú			Laboratorio de Referencia Nacional de Biotecnología y Biología Molecular. Instituto Nacional de Salud Perú		
EPI_ISL_906144, EPI_ISL_906145, EPI_ISL_906534, EPI_ISL_906557, EPI_ISL_906558, EPI_ISL_906561			Laboratorio de Salud Publica de Amazonas			Instituto Nacional de Salud- Dirección de Investigación en Salud Pública, Universidad de los Andes- Applied genomics research group, Vicerrectoria de Investigación y Creación, Universidad de los Andes- Systems and Computing Engineering Department		
EPI_ISL_1092008			Laboratorio de Salud Publica de Bogota			Instituto Nacional de Salud- Dirección de Investigación en Salud Pública		
EPI_ISL_1092005			Laboratorio de Salud Publica de Cesar			Instituto Nacional de Salud- Dirección de Investigación en Salud Pública		
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EPI_ISL_906548			Laboratorio de Salud Pública Fronterizo de Arauca			Instituto Nacional de Salud- Dirección de Investigación en Salud Pública, Universidad de los Andes- Applied genomics research group, Vicerrectoria de Investigación y Creación, Universidad de los Andes- Systems and Computing Engineering Department		
EPI_ISL_1017703			Laboratorio de Salud Pública de Bogota			Instituto Nacional de Salud- Dirección de Investigación en Salud Pública		
EPI_ISL_1036756			Laboratorio de Salud Pública de Bogotá			Instituto Nacional de Salud- Direccion de Investigacion en Salud Publica		
EPI_ISL_1017701			Laboratorio de Salud Pública de Boyacá			Instituto Nacional de Salud- Dirección de Investigación en Salud Pública		
EPI_ISL_965029			Laboratorio de Virología HUCA			Laboratorio de Virología HUCA		
EPI_ISL_964949			Laboratorio de Virología del HUCA			Laboratorio de Virología del HUCA		
EPI_ISL_965633, EPI_ISL_906538, EPI_ISL_906542, EPI_ISL_906549			Laboratorio de Virología-Instituto Nacional de Salud			Instituto Nacional de Salud- Dirección de Investigación en Salud Pública, Universidad de los Andes- Applied genomics research group, Vicerrectoria de Investigación y Creación, Universidad de los Andes- Systems and Computing Engineering Department		
EPI_ISL_974150, EPI_ISL_974853			Laboratorio de Virología / Hospital Universitario Central de Asturias (HUCA)			Laboratorio de Virología / Hospital Universitario Central de Asturias (HUCA)		
EPI_ISL_965033, EPI_ISL_977505, EPI_ISL_977506, EPI_ISL_977510, EPI_ISL_977511, EPI_ISL_977512, EPI_ISL_984678, EPI_ISL_984683, EPI_ISL_1020121, EPI_ISL_1020122, EPI_ISL_1020123, EPI_ISL_1020126, EPI_ISL_1020128, EPI_ISL_1020132, EPI_ISL_1020135, EPI_ISL_1020151, EPI_ISL_1020154			see above			Abreu F; Alvarez-Arguelles ME; Boga JA; Castelló C; Costales I; Coto E; Gómez de Oña J; Martín-Rodríguez G; Melón S; Perez-Martínez Z; Rojo S; Sandoval M		
EPI_ISL_992956			Laboratorio de Virología HUCA			Laboratorio de Virología HUCA		
EPI_ISL_956299, EPI_ISL_956300			Laboratorio de salud publica Arauca			Instituto Nacional de Salud- Dirección de Investigación en Salud Pública		
EPI_ISL_906530			Laboratorio de salud publica de Bogota			Instituto Nacional de Salud- Dirección de Investigación en Salud Pública, Universidad de los Andes- Applied genomics research group, Vicerrectoria de Investigación y Creación, Universidad de los Andes- Systems and Computing Engineering Department		
EPI_ISL_956298			Laboratorio de salud publica del Valle del Cauca			Instituto Nacional de Salud- Dirección de Investigación en Salud Pública		
EPI_ISL_906531			Laboratorio de salud publica del Valle del Cauca			Instituto Nacional de Salud- Dirección de Investigación en Salud Pública, Universidad de los Andes- Applied genomics research group, Vicerrectoria de Investigación y Creación, Universidad de los Andes- Systems and Computing Engineering Department		
EPI_ISL_1091922, EPI_ISL_1091923			Laboratorio de salud público de Atlantico			Instituto Nacional de Salud- Dirección de Investigación en Salud Pública		
EPI_ISL_792470			Laboratorio del Hospital Regional Ushuaia Gdor. Ernesto Campos			Hospital Regional Ushuaia - Centro Austral De Investigaciones Cientificas - Universidad Nacional De Tierra Del Fuego on behalf of 'Proyecto Argentino Interinstitucional de genómica de SARS-CoV-2' (PAIS Consortium)		



EPI_ISL_985027, EPI_ISL_985028, EPI_ISL_985029, EPI_ISL_985030, EPI_ISL_985031	Laboratorio di Patologia Clinica, Ospedale San Paolo in Valloria, ASL 2 Liguria	U.O. Igiene, Ospedale Policlinico San Martino	Bruzzone Bianca; Caligiuri Patrizia; De Pace Vanessa; Domnich Alexander; Icardi Giancarlo; Lillo Flavia; Orsi Andrea; Ricucci Valentina
EPI_ISL_1081953	Laboratorio di Riferimento Regionale della Sicilia Occidentale per l’Emergenza COVID-19	Laboratorio di Riferimento Regionale della Sicilia Occidentale per l’Emergenza COVID-19	Carmelo Massimo Maida; Claudio Costantino; Daniela Di Naro; Fabio Tramuto; Francesco Vitale; Giorgio Graziano; Giulia Randazzo; Stefano Giaromida; Vincenzo Restivo; Walter Mazzucco
EPI_ISL_961466	Laboratorios Lister	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Abril Rodriguez-Maldonado; Claudia Wong-Arambula; Ernesto Ramirez-Gonzalez.; Fabiola Garces-Ayala; Gisela Barrera-Badillo; Irma Lopez-Martinez; Lucia Hernandez-Rivas; Natividad Cruz-Ortiz; Tatiana Nunez-Garcia
EPI_ISL_832182, EPI_ISL_832183, EPI_ISL_832188, EPI_ISL_832190, EPI_ISL_832191, EPI_ISL_832192, EPI_ISL_832193, EPI_ISL_832194, EPI_ISL_832195, EPI_ISL_832198, EPI_ISL_890895 see above	Laboratory Analyses Med	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Angela Brisebarre; Brieuc Gestin; Brieuc Lefaire; Camille Capel; Céline Menaut; Elise Liscoet; Etienne Simon-Lorière; Marion Barbet; Maud Vanpeene; Méline Bizard; Sylvie Behillili; Sylvie van der Werf; Vincent Enouf
EPI_ISL_933533	Laboratory for HIV and opportunistic infections diagnosis The Republican Research and Practical Center for Epidemiology and Microbiology (RRPCEM)	Laboratory for HIV and opportunistic infections diagnosis The Republican Research and Practical Center for Epidemiology and Microbiology (RRPCEM)	Artur Akhremchuk; Elena Gasich; Kirill Bulda; Leonid Valentovich; Vladimir Gorbunov
EPI_ISL_754238, EPI_ISL_861710, EPI_ISL_861711, EPI_ISL_861712, EPI_ISL_861713, EPI_ISL_888677, EPI_ISL_888678, EPI_ISL_910016, EPI_ISL_910029, EPI_ISL_910335, EPI_ISL_910336, EPI_ISL_910337, EPI_ISL_910338, EPI_ISL_910339, EPI_ISL_935017, EPI_ISL_935021, EPI_ISL_939647, EPI_ISL_940144, EPI_ISL_940554, EPI_ISL_981374, EPI_ISL_981375, EPI_ISL_981377 see above	Laboratory for Respiratory Viruses, Cantacuzino National Military-Medical Institute for Research and Development	Cantacuzino Institute Virology	Catalina Pascu; Luiza Ustea; Mihaela Lazar; Mühlemann Barbara; Nicoleta Paraschiv; Nicoleta Parashiv; Tim Durfee
EPI_ISL_1048805, EPI_ISL_1048806, EPI_ISL_1048807, EPI_ISL_1048809, EPI_ISL_1048810, EPI_ISL_1048811, EPI_ISL_1048812, EPI_ISL_1048813 see above	Laboratory of Clinical Microbiology, Virology and Bioemergencies - Fatebenefratelli Sacco Hospital	Virology Laboratory, Scientific Department, Army Medical Center	Alberto Rizzo; Alessandro Mancon; Anella Monte; Anna Anselmo; Florigio Lista; Giovanni Faggioni; Maria Rita Gismondo; Riccardo De Sanctis; Silvia Fillo; Valeria Micheli; Vanessa Vera Fain
EPI_ISL_848070, EPI_ISL_848071, EPI_ISL_848072, EPI_ISL_848073, EPI_ISL_848074, EPI_ISL_848075, EPI_ISL_848076, EPI_ISL_848077, EPI_ISL_848078, EPI_ISL_848079, EPI_ISL_848080, EPI_ISL_848081, EPI_ISL_848082, EPI_ISL_848083 see above	Laboratory of Clinical Research on Dermatозoonoses in Domestic Animals, Evandro Chagas National Institute of Infectious Diseases, Oswaldo Cruz Foundation (Fiocruz), Rio de Janeiro, RJ, Brazil.	Laboratory of Respiratory Viruses and Measles, Oswaldo Cruz Institute, FIOCRUZ	Alex Pauvolid-Corrêa; Alice Sampaio Barreto da Rocha; Anielle de Pina Costa; Artur Augusto Velho Mendes Junior; Ezequias Batista Martins; Fernando do Couto Motta; Guilherme Amaral Calvet; Isabella Campos Vargas de Moraes; Isabella Dib Ferreira Gremião; Lucas Oliveira Keidel; Lusiele Gwaraldo; Marilda Mendonça Siqueira on behalf of the Fiocruz COVID-19 Genomic Surveillance Network; Michelle Fernanda Borges da Silva; Paola Cristina Resende; Patricia Brasil; Renato Orsini Ornellas; Rodrigo Caldas Menezes; Sandro Antônio Pereira; Shanna Araujo dos Santos; Thiago C. Souza
EPI_ISL_1081837, EPI_ISL_1096335, EPI_ISL_1096336, EPI_ISL_1096337, EPI_ISL_1096338, EPI_ISL_1096339, EPI_ISL_1096340, EPI_ISL_1096341 see above	Laboratory of Genetics and Personalized Medicine, Zan Mitrev Clinic	Laboratory of Genetics and Personalized Medicine, Zan Mitrev Clinic	Kungilovskı G. et al.; Kungulovskı G. et al.
EPI_ISL_856971	Laboratory of Histology-Embryology, Molecular Carcinogenesis Group Medical School National and Kapodistrian University of Athens	Prof. Gorgoulis Lab	Gorgoulis V.G.
EPI_ISL_778860, EPI_ISL_779704, EPI_ISL_779707, EPI_ISL_779709, EPI_ISL_779712, EPI_ISL_779713, EPI_ISL_779714, EPI_ISL_780375, EPI_ISL_780376, EPI_ISL_780378, EPI_ISL_780381, EPI_ISL_780411, EPI_ISL_780412, EPI_ISL_780413, EPI_ISL_1085094, EPI_ISL_1085162, EPI_ISL_1085164, EPI_ISL_1085165, EPI_ISL_1085167, EPI_ISL_1085169, EPI_ISL_1085170, EPI_ISL_1085174, EPI_ISL_1085230 see above	Laboratory of Infectious Diseases, Department of Biomedical and Clinical Sciences L. Sacco, University of Milan	Laboratory of Infectious Diseases, Department of Biomedical and Clinical Sciences L. Sacco, University of Milan	Alessia Lai; Annalisa Bergna; Carla Della Ventura; Claudia Balotta; Gianguglielmo Zehender on behalf of SARS-CoV-2 ITALIAN RESEARCH ENTERPRISE-(SCIRE) Collaborative Group; Gianguglielmo Zehender on behalf of SARS-CoV-2 ITALIAN RESEARCH ENTERPRISE—(SCIRE) Collaborative Group; Massimo Galli
EPI_ISL_869240, EPI_ISL_918483 EPI_ISL_869166	Laboratory of Microbiology, ASST Settelaghi, Varese, Italy  Laboratory of Microbiology,ASST Settelaghi, Varese, Italy	Laboratory of Microbiology, ASST Settelaghi, Varese, Italy  Laboratory of Microbiology,ASST Settelaghi, Varese, Italy	Azzi, L.; Baj, A.; Capuano, R.; Cassani, G.; Catanoso, G.; Colombo, A.; Donadini, A.; Focosi, D.; Genoni, A.; Maggi, F.; Novazzi, F.; P.G.; Pasciuta, R.; Prestia, M.; Rossi, A.; Spezia; Tamborini, A.; Zago, C.  Azzi, L.; Baj, A.; Capuano, R.; Cassani, G.; Catanoso, G.; Colombo, A.; Donadini, A.; Focosi, D.; Genoni, A.; Grossi, P.; L. and Bonelli, G.; Maffioli; Maggi, F.; Novazzi, F.; P.G.; Pasciuta, R.; Prestia, M.; Rossi, A.; Spezia; Tamborini, A.; Zago, C.
EPI_ISL_939628, EPI_ISL_939629, EPI_ISL_939643, EPI_ISL_940146, EPI_ISL_940157, EPI_ISL_940766 EPI_ISL_940608	Laboratory of Virology and Molecular Diagnostics  Laboratório Sao Lucas	Institute of Public Health of Republic of North Macedonia Laboratory of Virology and Molecular Diagnostics  Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Elizabeta Janchevska; Golubinka Bosevska; Golubinka Boshevska; Maja Kuzmanovska; Maja Kuzmanovska. Golubinka Boshevska  Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valessa Ramos Gomes; Karoline Rodrigues Campos
EPI_ISL_831474, EPI_ISL_831645, EPI_ISL_831646, EPI_ISL_831660, EPI_ISL_831678, EPI_ISL_831681, EPI_ISL_831683, EPI_ISL_831685, EPI_ISL_831688, EPI_ISL_831689, EPI_ISL_831892, EPI_ISL_831898, EPI_ISL_831913, EPI_ISL_831938, EPI_ISL_831939, EPI_ISL_831940, EPI_ISL_832009, EPI_ISL_832010, EPI_ISL_832011, EPI_ISL_832012, EPI_ISL_832013 see above	Laboratório de Microbiologia Molecular - Universidade FEEVALE	Universidade Federal de Ciências da Saúde de Porto Alegre	Amanda de Menezes Mayer; Carla Andretta Moreira Neves; Claudia Elizabeth Thompson; Fernando Rosado Spilki; Gabriel Dickin Caldana; Gabriela Bettella Cybis; Lívia Kmetzsch; Patrícia Aline Gröhs Ferrareze; Ricardo Ariel Zimmerman; Vinicius Bonetti Franceschi
EPI_ISL_1004233, EPI_ISL_1004234, EPI_ISL_1004235, EPI_ISL_1004236, EPI_ISL_1004237, EPI_ISL_1004238, EPI_ISL_1004239, EPI_ISL_1004240, EPI_ISL_1004241, EPI_ISL_1004242 see above	Laboratório de Virologia - Instituto de Medicina Tropical - Universidade de São Paulo	Laboratório de Parasitologia Médica - Instituto de Medicina Tropical - Universidade de São Paulo	Alvina Clara Felix; Anderson de Paula; Brazil-UK Centre for Arbovirus Discovery Diagnosis Genomics and Epidemiology (CADDE) Genomic Network - Instituto de Medicina Tropical; Camila Malta Romano; Darian Candido; Esmerina Coelho; Ester C. Sabino; Flavia Cristina Sales; Franciane Mendes; Giulia Magalhães Ferreira; Ingra Morales Claro; Jaqueline Goes de Jesus; Lucas A. Moyses Franco; Midia Ferreira; Nuno Faria; Pamela dos Santos Andrade
EPI_ISL_1008713	Lister Laboratorio de Referencia S.A. de C.V.	Instituto de diagnóstico y Referencia Epidemiologicos (INDRE) Departamento de Virologia	Abril Rodriguez-Maldonado; Claudia Wong-Arambula; Ernesto Ramirez-Gonzalez.; Fabiola Garces-Ayala; Gisela Barrera-Badillo; Irma Lopez-Martinez; Lucia Hernandez-Rivas; Natividad Cruz-Ortiz; Tatiana Nunez-Garcia
EPI_ISL_1034144 EPI_ISL_903375, EPI_ISL_903376, EPI_ISL_903377, EPI_ISL_903378, EPI_ISL_903379, EPI_ISL_903380, EPI_ISL_903381, EPI_ISL_903382, EPI_ISL_903383, EPI_ISL_903384, EPI_ISL_903385, EPI_ISL_903386, EPI_ISL_903387, EPI_ISL_903388, EPI_ISL_903389 see above	MEDICO COMPETENTE P.O. L'AQUILA  MOH - Jaber Al-Ahmad Hospital (Innovation Research Laboratory)	Istituto Zooprofilattico Sperimentale dell’Abruzzo e Molise “G. Caporale”  MOH - Jaber Al-Ahmad Hospital (Innovation Research Laboratory)	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G; Scialabba S
EPI_ISL_914970, EPI_ISL_915192, EPI_ISL_915421 EPI_ISL_807151, EPI_ISL_807152, EPI_ISL_807153 EPI_ISL_807150	MRCG at LSHTM Genomics lab  Makmal Kesihatan Awam Kebangsaan, Kementerian Kesihatan Malaysia	MRCG at LSHTM Genomics lab  Integrative Pharmacogenomics Institute (iPROMISE)	Mohammad Alghounaim; Salman Al-Sabah  Ariza Adnan; Fadzilah Mohd Nor; Hani Mat Hussin; Lim Wai Feng; Mohd Nur Fakhruzzaman Noorizhab; Mohd Zaki Salleh; Nor Zahrin Hasran; Sazzli Shahlan Kassim; Siti Farah Alwani Mohd Nawı; Siti Hamimah Sheikh Abdul Kadir; Teh Lay Kek; Wang Seok Mui
EPI_ISL_1027629, EPI_ISL_1027630, EPI_ISL_1027631, EPI_ISL_1027632, EPI_ISL_1027633, EPI_ISL_1027634, EPI_ISL_1027635, EPI_ISL_1027636, EPI_ISL_1027658, EPI_ISL_1027659, EPI_ISL_1027660, EPI_ISL_1027661, EPI_ISL_1027662, EPI_ISL_1027663, EPI_ISL_1027664, EPI_ISL_1027665, EPI_ISL_1027666 see above	Makmal Kesihatan Awam Kebangsaan, Kementerian Kesihatan Malaysia.	Integrative Pharmacogenomics Institute (iPROMISE)	Ariza Adnan; Fadzilah Mohd Nor; Hani Mat Hussin; Lim Wai Feng; Mohd Nur Fakhruzzaman Noorizhab; Mohd Zaki Salleh; Nor Zahrin Hasran; Sazzli Shahlan Kassim; Siti Farah Alwani Mohd Nawı; Siti Hamimah Sheikh Abdul Kadir; Teh Lay Kek; Wang Seok Mui
EPI_ISL_977591, EPI_ISL_977592, EPI_ISL_977593, EPI_ISL_1059900, EPI_ISL_1059901 EPI_ISL_1005683, EPI_ISL_1005682	Mako Medical Laboratories Malaysia Genome Institute	Mako Medical Laboratories Malaysia Genome Institute	“Lauren Moon; Matthew Tugwell”  Azzrin Ahmad; Enizza Kasim; Irni Suhayu Sapian; Mohd Faizal Abu Bakar; Mohd Noor Mat Isa; Nor Azfa Johari.; Nurhezreen Md Iqbal; Shamsidar Sopie; Siti Noraini Othman; Yusuf Muhammad Noor
EPI_ISL_852564, EPI_ISL_852565, EPI_ISL_852566, EPI_ISL_852567, EPI_ISL_852568, EPI_ISL_852569, EPI_ISL_852570, EPI_ISL_852571, EPI_ISL_852572, EPI_ISL_852573, EPI_ISL_852574, EPI_ISL_852575, EPI_ISL_852576, EPI_ISL_852577, EPI_ISL_852578, EPI_ISL_852579, EPI_ISL_852580, EPI_ISL_852581, EPI_ISL_852582, EPI_ISL_852583, EPI_ISL_852584, EPI_ISL_852585, EPI_ISL_852586, EPI_ISL_852587, EPI_ISL_852589, EPI_ISL_852590, EPI_ISL_852591, EPI_ISL_852592, EPI_ISL_852593, EPI_ISL_852594, EPI_ISL_852595, EPI_ISL_852596, EPI_ISL_852597, EPI_ISL_852598, EPI_ISL_852599, EPI_ISL_852600, EPI_ISL_852601, EPI_ISL_852602, EPI_ISL_852603 see above	Martigues Hospital Martigues hospital	Cerba Cerba	Benazra M; Haim-Boukobza S; Lecorche E; Negre V; Olivi M; Roquebert B; Trombert-Paolantoni S; Vidal B Benazra M; Haim-Boukobza S; Lecorche E; Negre V; Olivi M; Roquebert B; Trombert-Paolantoni S; Vidal B
EPI_ISL_1093052, EPI_ISL_1093144 EPI_ISL_882645, EPI_ISL_882646, EPI_ISL_882656, EPI_ISL_883957, EPI_ISL_933575, EPI_ISL_933576 EPI_ISL_832820, EPI_ISL_1020192	Max von Pettenkofer Institute, Virology, National Reference Center for Retroviruses, LMU München	Laboratory for Functional Genome Analysis, Dept. Genomics, Gene Center of the LMU Munich	Alexander Graf; Helmut Blum; Max Muenchhoff; Oliver Keppler; Stefan Krebs
EPI_ISL_1020195, EPI_ISL_1068682 EPI_ISL_1069173	Maya Juarez, Div. of Pulmonary, Critical Care and Sleep Medicine, UC Davis Medical Center  Medical Research Center, Faculty of Medicine, Syarif Hidayatullah State Islamic University Jakarta	Diaz-Muñoz Lab, Department of Microbiology and Molecular Genetics, University of California, Davis  Medical Research Center, Faculty of Medicine, Syarif Hidayatullah State Islamic University Jakarta	A.J. Campbell; Alexandre Tremeau-Bravard; Ana M. M. Stoian; Angela Haczkı; Brandt A Robinson; Christian Sandrock; Daniel G Tompkins; David A. Coil; Greg Brennan; Ivy R. Jose; Jonathan A. Eisen; Maya Juarez; Samuel L Diaz-Muñoz; Satya Dandekar; Shefali Banerjee; Stefan Rothenburg; Stuart H. Cohen; Timothy Albertson; Tracey Goldstein  Chris Adhiyanto; Endah Wulandari; Erike A Suwarsono; Fika Ekayanti; Flori Ratna Sari; Hari Hendarto; Laifa Hendarmin; Zeti Harriyati
EPI_ISL_1020195, EPI_ISL_1068682 EPI_ISL_1069173	Medico Competente P.O. L'Aquila Melania Hospital, Bagor , west Java	Istituto Zooprofilattico Sperimentale dell’Abruzzo e Molise “G.Caporale”  Biosafety Level-3 Laboratory, Indonesian Institute of Sciences (LIPI)	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G.  Ade Andriani; Anik Budhi Dharmayanthi; Asep M. Ridwanuloh; Eko Wahyu Putro; Gita Syahputra; Hariyatun; Inswasti Cahyani; Matthew W. Loose; Mohammad Ilyas; Susanti; Syam Budi Iryanto; Wlen Kusharyoto
EPI_ISL_1020195, EPI_ISL_1068682 EPI_ISL_1069173	Melania Hospital, Bogor , West Java Micrbiological Laboratory	Biosafety Level-3 Laboratory, Indonesian Institute of Sciences (LIPI) Micrbiological Laboratory,Lu'an Center for Disease Control and Prevention	Anggia Prasetyoputri; Erwin Hasrianda; Fahrurrozi; Gita Syahputra; Herjuno A. Nugroho; Nova Dhillā Yanthi; Ratih Asmana Ningrum; Syam Budi Iryanto
EPI_ISL_1069173	Micrbiological Laboratory,Lu'an Center for Disease Control and Prevention	Micrbiological Laboratory,Lu'an Center for Disease Control and Prevention	Chang Hongwei; Chen Bellei; Chen Zhichao; Gao Dawei; Li Zhaoyang; Yang Wei; Zhang Feng; Zhang Limei; Zhang Qin; Zhu Rui  Chang Hongwei; Chen Bellei; Chen Zhichao; Gao Dawei; Li Zhaoyang; Yang Wei; Zhang Feng; Zhang Limei; Zhang Qin; Zhu Rui

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EPI_ISL_1069193	Microbiology Laboratory,Lu'an Center for Disease Control and Prevention	Microbiology Laboratory,Lu'an Center for Disease Control and Prevention	Chang Hongwei; Chen Beilei; Chen Zhichao; Gao Dawei; Li Zhaoyang; Yang Wei; Zhang Feng; Zhang Limei; Zhang Qin; Zhu Rui
EPI_ISL_1068593	Microbiological Laboratory	Microbiological Laboratory,Lu'an Center for Disease Control and Prevention	Chang Hongwei; Chen Beilei; Chen Zhichao; Gao Dawei; Li Zhaoyang; Yang Wei; Zhang Feng; Zhang Limei; Zhang Qin; Zhu Rui
EPI_ISL_1055755, EPI_ISL_1055756, EPI_ISL_1055757, EPI_ISL_1055758	Microbiology Department. Complejo Hospitalario Universitario de Santiago	Microbiology Department. Complejo Hospitalario Universitario de Vigo	Complejo Hospitalario Universitario de Vigo (CHUVI). Complejo Hospitalario Universitario de Santiago (CHUS); Microbiology Department
EPI_ISL_833183, EPI_ISL_848199, EPI_ISL_1055753, EPI_ISL_1055754, EPI_ISL_1058285, EPI_ISL_1058286, EPI_ISL_1058287, EPI_ISL_1058288, EPI_ISL_1058289, EPI_ISL_1058290, EPI_ISL_1058291, EPI_ISL_1058292, EPI_ISL_1058293, EPI_ISL_1058294, EPI_ISL_1058295, EPI_ISL_1058296, EPI_ISL_1058297, EPI_ISL_1058298, EPI_ISL_1058299, EPI_ISL_1058300, EPI_ISL_1058301, EPI_ISL_1058302, EPI_ISL_1058303, EPI_ISL_1058304, EPI_ISL_1058305, EPI_ISL_1058306, EPI_ISL_1058307, EPI_ISL_1058308, EPI_ISL_1058309, EPI_ISL_1058310, EPI_ISL_1058311, EPI_ISL_1058312, EPI_ISL_1058313, EPI_ISL_1058314, EPI_ISL_1058315, EPI_ISL_1058316, EPI_ISL_1058317, EPI_ISL_1058318, EPI_ISL_1058319, EPI_ISL_1058320, EPI_ISL_1058321, EPI_ISL_1058322, EPI_ISL_1058323, EPI_ISL_1058324, EPI_ISL_1058325, EPI_ISL_1058326, EPI_ISL_1058327, EPI_ISL_1058328, EPI_ISL_1058329, EPI_ISL_1058330, EPI_ISL_1058331, EPI_ISL_1058332, EPI_ISL_1058333, EPI_ISL_1058334, EPI_ISL_1058335, EPI_ISL_1058336, EPI_ISL_1058337, EPI_ISL_1058338, EPI_ISL_1058339, EPI_ISL_1058340, EPI_ISL_1058341, EPI_ISL_1058342, EPI_ISL_1058343, EPI_ISL_1058344, EPI_ISL_1058345, EPI_ISL_1058346, EPI_ISL_1058347, EPI_ISL_1058348, EPI_ISL_1058349, EPI_ISL_1058350, EPI_ISL_1058351, EPI_ISL_1058352, EPI_ISL_1058353, EPI_ISL_1058354, EPI_ISL_1058355, EPI_ISL_1058356, EPI_ISL_1058357, EPI_ISL_1058358, EPI_ISL_1058359, EPI_ISL_1058360, EPI_ISL_1058361, EPI_ISL_1058362, EPI_ISL_1058363, EPI_ISL_1058364, EPI_ISL_1058365, EPI_ISL_1058366, EPI_ISL_1058367, EPI_ISL_1058368, EPI_ISL_1058369, EPI_ISL_1058370, EPI_ISL_1058371, EPI_ISL_1058372, EPI_ISL_1058373, EPI_ISL_1058374, EPI_ISL_1058375, EPI_ISL_1058376, EPI_ISL_1058377, EPI_ISL_1058378, EPI_ISL_1058379, EPI_ISL_1058380, EPI_ISL_1058381, EPI_ISL_1058382, EPI_ISL_1058383, EPI_ISL_1058384, EPI_ISL_1058387, EPI_ISL_1058388, EPI_ISL_1058389, EPI_ISL_1058390, EPI_ISL_1058391, EPI_ISL_1058392, EPI_ISL_1058393, EPI_ISL_1058394, EPI_ISL_1058395, EPI_ISL_1058396, EPI_ISL_1058397, EPI_ISL_1058398, EPI_ISL_1058399, EPI_ISL_1058400, EPI_ISL_1058401, EPI_ISL_1058402, EPI_ISL_1058403, EPI_ISL_1058404, EPI_ISL_1058405, EPI_ISL_1058407, EPI_ISL_1058408, EPI_ISL_1058409, EPI_ISL_1058410, EPI_ISL_1058411, EPI_ISL_1058412, EPI_ISL_1058413, EPI_ISL_1058414, EPI_ISL_1058415, EPI_ISL_1058416, EPI_ISL_1058417, EPI_ISL_1058418, EPI_ISL_1058419, EPI_ISL_1058420, EPI_ISL_1058421, EPI_ISL_1058422, EPI_ISL_1058423, EPI_ISL_1058424, EPI_ISL_1058425, EPI_ISL_1058426, EPI_ISL_1058427, EPI_ISL_1058428, EPI_ISL_1058429, EPI_ISL_1058430, EPI_ISL_1058431, EPI_ISL_1058432, EPI_ISL_1058433, EPI_ISL_1058434, EPI_ISL_1058435, EPI_ISL_1058436			
see above	Microbiology Department. Complejo Hospitalario Universitario de Vigo	Microbiology Department. Complejo Hospitalario Universitario de Vigo	Complejo Hospitalario Universitario de Vigo (CHUVI); Complejo Hospitalario Universitario de Vigo (CHUVI). EPICOVIGAL.; Complejo Hospitalario Universitario de Vigo. EPICOVIGAL.; Microbiology Department
EPI_ISL_833184 EPI_ISL_848198	Microbiology Department. Hospital Clínico Universitario de Santiago Microbiology Lab	Microbiology Department. Complejo Hospitalario Universitario de Vigo NBCC Sequencing Facility	Microbiology Departments from Complejo Hospitalario Universitario de Vigo and Hospital Clínico Universitario de Santiago. EPICOVIGAL. Dr. Jeff Wrana
EPI_ISL_1069198, EPI_ISL_1069199, EPI_ISL_1069200, EPI_ISL_1069201, EPI_ISL_1069203, EPI_ISL_1069205, EPI_ISL_1069206, EPI_ISL_1069207, EPI_ISL_1069208, EPI_ISL_1069210, EPI_ISL_1069211, EPI_ISL_1069212, EPI_ISL_1069213, EPI_ISL_1069215, EPI_ISL_1069216, EPI_ISL_1069218, EPI_ISL_1069219, EPI_ISL_1081193, EPI_ISL_1081194, EPI_ISL_1081195, EPI_ISL_1081196, EPI_ISL_1081197, EPI_ISL_1081198, EPI_ISL_1081199, EPI_ISL_1081260, EPI_ISL_1081291, EPI_ISL_1081310, EPI_ISL_1081311, EPI_ISL_1081324, EPI_ISL_1081325, EPI_ISL_1081326, EPI_ISL_1081331, EPI_ISL_1081340	Microbiology Laboratory,Lu'an Center for Disease Control and Prevention	Chang Hongwei; Chen Beilei; Chen Zhichao; Gao Dawei; Li Zhaoyang; Lu'an Center for Disease Control and Prevention; Microbiology Laboratory; Yang Wei; Zhang Feng; Zhang Limei; Zhang Qin; Zhu Rui	
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EPI_ISL_825155, EPI_ISL_825156, EPI_ISL_911524, EPI_ISL_911525, EPI_ISL_911526, EPI_ISL_911527, EPI_ISL_983096, EPI_ISL_983097, EPI_ISL_983098	Microbiology and Virology Unit, Florence Careggi University Hospital	Microbiology and Virology Unit, Florence Careggi University Hospital	Alberto Antonelli; Emanuele Gori; Fabio Morecchiato; Gian Maria Rossolini; Ilaria Baccani; Marco Coppi; Noemi Aiezza; Vincenzo Di Pilato
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EPI_ISL_811136, EPI_ISL_811137, EPI_ISL_811138, EPI_ISL_811139, EPI_ISL_811140, EPI_ISL_811141, EPI_ISL_811142, EPI_ISL_811143	Ministry of Health Turkey	Ministry of Health Turkey	Ayşe Başak Altaş; Fatma Bayraktar; Gülay Korukluoğlu; Süleyman Yalcin; Yasemin Coşgun
see above	Ministry of Health Turkey	Institute of Tropical Disease, Universitas Airlangga	Aldise M Nastri; Christina Dian Anggraeni; Gatot Soegiarto; Jezzy R Dewantari; Kazufumi Shimizu; Krisnoadi Rahardjo; Laksmi Wulandari; Maria I Lusida; Resti Yudhawati; Rima R Prasetya; Soetjipto; Yasuko Mori
EPI_ISL_759964, EPI_ISL_956276	Mitra Keluarga Hospital Waru		Graziella Zahra
EPI_ISL_813974	Molecular Diagnostics Mater Dei Hospital	Molecular Diagnostics Mater Dei Hospital	Graziella Zahra
EPI_ISL_935170	Molecular Diagnostics Pathology Department Mater Dei Hospital	Molecular Diagnostics Pathology Department Mater Dei Hospital	Graziella Zahra
EPI_ISL_895747, EPI_ISL_895748, EPI_ISL_895768, EPI_ISL_895769, EPI_ISL_895789, EPI_ISL_895803, EPI_ISL_895805, EPI_ISL_895818, EPI_ISL_895829, EPI_ISL_895833, EPI_ISL_895834, EPI_ISL_895836, EPI_ISL_895838, EPI_ISL_895839, EPI_ISL_895840, EPI_ISL_895843, EPI_ISL_895844, EPI_ISL_895845, EPI_ISL_895846	Molecular biology division, Institute of Clinical Biochemistry and Diagnostics, Charles University, Faculty of Medicine in Hradec Králové and University Hospital Hradec Králové	Molecular biology division, Institute of Clinical Biochemistry and Diagnostics, Charles University, Faculty of Medicine in Hradec Králové and University Hospital Hradec Králové	Helena Kovářková; Ivana Baranová; Jitka Novotná; Kateřina Hrochová; Kateřina Pehlíková; Petr Brůž; Tereza Bačková; Vladimír Palička. Cooperation project with BioVendor-R&D and bioinformatics company BIOXSYS s r.o.
see above	Molecular biology division, Institute of Clinical Biochemistry and Diagnostics, Charles University, Faculty of Medicine in Hradec Králové and University Hospital Hradec Králové	Molecular biology division, Institute of Clinical Biochemistry and Diagnostics, Charles University, Faculty of Medicine in Hradec Králové and University Hospital Hradec Králové	
EPI_ISL_745223, EPI_ISL_745224, EPI_ISL_745225, EPI_ISL_745226, EPI_ISL_745227, EPI_ISL_745228, EPI_ISL_745229, EPI_ISL_745230, EPI_ISL_745231, EPI_ISL_745232, EPI_ISL_745233, EPI_ISL_745234, EPI_ISL_745235, EPI_ISL_745236, EPI_ISL_745237, EPI_ISL_745238, EPI_ISL_745239, EPI_ISL_745240, EPI_ISL_745241, EPI_ISL_745242, EPI_ISL_745243, EPI_ISL_745244, EPI_ISL_745245, EPI_ISL_745246, EPI_ISL_745247, EPI_ISL_745248, EPI_ISL_745249, EPI_ISL_745250, EPI_ISL_745251, EPI_ISL_745252, EPI_ISL_745253, EPI_ISL_745254, EPI_ISL_745255, EPI_ISL_745256, EPI_ISL_745257, EPI_ISL_745258, EPI_ISL_745259, EPI_ISL_754196, EPI_ISL_754197, EPI_ISL_754198, EPI_ISL_754199, EPI_ISL_754200, EPI_ISL_754201, EPI_ISL_754202, EPI_ISL_754203, EPI_ISL_754204, EPI_ISL_754205, EPI_ISL_754206, EPI_ISL_754207, EPI_ISL_754208, EPI_ISL_754209, EPI_ISL_754210, EPI_ISL_754211, EPI_ISL_754212, EPI_ISL_754213, EPI_ISL_754214	Molecular diagnostic laboratory of Federal Budget Institution of Science "Central Research Institute of Epidemiology" of The Federal Service on Customers' Rights Protection and Human Well-being Surveillance	Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemiology	
see above	Molecular diagnostic laboratory of Federal Budget Institution of Science "Central Research Institute of Epidemiology" of The Federal Service on Customers' Rights Protection and Human Well-being Surveillance	Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemiology	Akimkin VG; Dudorova AV; Kaptelova VV; Korneenko EV; Saenko SS; Samoilov AE; Shipulina OY; Speranskaya AS; Tivanova EV
EPI_ISL_889357, EPI_ISL_889358, EPI_ISL_889359, EPI_ISL_889360, EPI_ISL_889361, EPI_ISL_889362, EPI_ISL_889363, EPI_ISL_889364, EPI_ISL_889365	Motol University Hospital	Institute of Applied Biotechnologies a.s.	Kateřina Kvapilová; Martin Kašný; Ondřej Bržoš; Pavel Dřevínek; Petr Klempť; Petr Kvapil
see above	Motol University Hospital	Institute of Applied Biotechnologies a.s.	
EPI_ISL_807157	Mubarak Al-Kabeer Hospital	Virology Unit, Department of Microbiology, Faculty of Medicine	Dr. Mohammed Sadeq; Dr. Nada Madi; Mrs. Anfal Al-Adwani
EPI_ISL_746322	Mubarak Al-Kabeer Hospital	Virology Unit, Department of Microbiology, Faculty of Medicine, Kuwait University	Nada Madi
EPI_ISL_745191, EPI_ISL_746320	Mubarak Al-Kabeer Hospital	Virology Unit, Microbiology Department, Faculty of Medicine, Kuwait University	Nada Madi
EPI_ISL_862051, EPI_ISL_871790	Multidisciplinary Research Unit, DHR-ICMR, Institute of Medical Sciences, Banaras Hindu University	Multidisciplinary Research Unit, DHR-ICMR, Institute of Medical Sciences, Banaras Hindu University	Abhay Kumar Yadav; Arup Acharjee; Ashish; Chetan Sahni; Deepa Devadas; Gulshan Kumar; Jay Prakash Maurya; Manpreet Kaur; Nitish Kumar Singh; Prashant Singh; Priyoneel Basu; Richa Arya; Royana Singh; Sanjay Kumar; Surendra Pratap Mishra; Tribhuvan Mohan Mahapatra; Tribhuvan Mohan Mahapatra
EPI_ISL_862815	Multidisciplinary Research Unit, DHR-ICMR, Institute of Medical Sciences, Banaras Hindu University, Varanasi	Multidisciplinary Research Unit, DHR-ICMR, Institute of Medical Sciences, Banaras Hindu University, Varanasi	Abhay Kumar Yadav; Ashish; Chetan Sahni; Deepa Devadas; Gulshan Kumar; Jay Prakash Maurya; Manpreet Kaur; Nitish Kumar Singh; Prashant Singh; Priyoneel Basu; Richa Arya; Royana Singh; Surendra Pratap Mishra; Tribhuvan Mohan Mahapatra
EPI_ISL_825043, EPI_ISL_825044, EPI_ISL_825045, EPI_ISL_825046, EPI_ISL_825047, EPI_ISL_825050, EPI_ISL_825051, EPI_ISL_825052, EPI_ISL_825053, EPI_ISL_825059, EPI_ISL_825060, EPI_ISL_825063	NHL Municipal Medical College, Ahmedbad	Gujarat Biotechnology Research Centre	Afzal Ansari; Apurvashin Puvur; Atit Shah; Bhavin Prajapati; Bimal Chauhan; Chaitanya Joshi; Dinesh Kumar; Janvi Raval; Jayshri Pethani; Labdhi Pandya; Madhvi Joshi; Monila Patel; NM Shaikh; Nikha Trivedi; Nitin Savaliya; Ramesh Pandit; Tanmay Mehta; Zarna Patel; Zuber Saiyed
see above	NHL Municipal Medical College, Ahmedbad	Gujarat Biotechnology Research Centre	
EPI_ISL_862876	NTT East Sapporo Hospital	Fujita health University, School of Medicine, Department of Microbiology	Masahiro suzuki; Yohei Doi
EPI_ISL_966377	NYU Langone Health	Departments of Pathology and Medicine, New York University School of Medicine	Adriana Heguy; Christian Marier; Dacia Dimartino; Emily Guzman; Gael Westby; Guiqing Wang; Paolo Cotzia; Paul Zappile; Peter Meyn; Sitharam Ramaswami; Yutong Zhang
EPI_ISL_862843, EPI_ISL_862844, EPI_ISL_862845, EPI_ISL_862846, EPI_ISL_862847, EPI_ISL_862848, EPI_ISL_862859, EPI_ISL_862860, EPI_ISL_862866, EPI_ISL_862871, EPI_ISL_862877, EPI_ISL_862878, EPI_ISL_862880	Nara Medical University Hospital	Fujita health University, School of Medicine, Department of Microbiology	Masahiro suzuki; Yohei Doi
see above	Nara Medical University Hospital	Fujita health University, School of Medicine, Department of Microbiology	
EPI_ISL_1080932, EPI_ISL_1080933, EPI_ISL_1080963, EPI_ISL_1080966, EPI_ISL_1080969, EPI_ISL_1080970, EPI_ISL_1080974	National Health Laboratory Services	National Health Laboratory Services	Kathleen Subramoney; Mushal Ali; Thabo Mohale
see above	National Health Laboratory Services	National Health Laboratory Services, Virology	Kathleen Subramoney; Mushal Ali; Thabo Mohale
EPI_ISL_1069202, EPI_ISL_1069394, EPI_ISL_1070401	National Hospital Organization Kanazawa Medical Center	Fujita health University, School of Medicine, Department of Microbiology	Masahiro suzuki; Yohei Doi
EPI_ISL_862855	National Influenza Center - Instituto Adolfo Lutz	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Ana Lucia de Carvalho Avelino; Claudia Regina Gonçalves; Claudio Tavares Sacchi; Clovis Roberto Abe Constantinio; Erica Vallessa Ramos Gomes; Karoline Rodrigues Campos; Katia Correa de Oliveira Santos
EPI_ISL_862075, EPI_ISL_862076, EPI_ISL_862077, EPI_ISL_862078, EPI_ISL_862079, EPI_ISL_862080, EPI_ISL_862081, EPI_ISL_959275, EPI_ISL_959276, EPI_ISL_959277, EPI_ISL_959278, EPI_ISL_959279, EPI_ISL_959280, EPI_ISL_959281, EPI_ISL_959282, EPI_ISL_959283, EPI_ISL_959284, EPI_ISL_1014676, EPI_ISL_1014677, EPI_ISL_1014678, EPI_ISL_1014679, EPI_ISL_1014680, EPI_ISL_1014681, EPI_ISL_1014682, EPI_ISL_1014683, EPI_ISL_1014684, EPI_ISL_1014685, EPI_ISL_1014686, EPI_ISL_1014687	National Influenza Center, Virology Department	National Influenza Center	A Nejadi; F Ajaminejad; F Ajaminejad and T Mokhtari Azad; J Yavarian; K Sadeghi; N Ghavvami; N Ghavvami and T Mokhtari Azad; NZ Shafiei Jandaghi; V Salimi
see above	National Influenza Center, Virology Department	National Influenza Center	
EPI_ISL_747234, EPI_ISL_747237, EPI_ISL_756401, EPI_ISL_909772, EPI_ISL_942960, EPI_ISL_942971, EPI_ISL_943548, EPI_ISL_949183, EPI_ISL_949192, EPI_ISL_953427, EPI_ISL_984276, EPI_ISL_984277, EPI_ISL_984309, EPI_ISL_984313	National Institute of Health Research and Development	National Institute of Health Research and Development	A; AA; Adam; Agustingsingh; Arie Ardiansyah Nugraha; Asri Febriyani; Aulia Rizki; D; Estaria; F; Fauzul Muna; Febriyani; Febriyanti; HA; HD; Hana Apsari Pawestri; Hariastuti; Hartanti Dian Ikawati; Herman; Hema; Holy Arif Wibowo; IL; Ikawati; Indalao; Indrasari; Irene Lorinda Indalao; J; Juwita Kurniawati; K; KD; KNA; Kartika Dewi Puspa; Kindi Adam; Kipuw; Krisna Nur Andriana Pangesti; Kurniawati; M; Monika; Muna; Mursinah; N; ND; N; NK; NL; Nafandi; Natalie Laurencia Kipuw; Nelly Puspandari; Ni Ketut Susilarini; Nike Susanto; Nikmah; Nugraha; Nur Ika Hariastuti; Nurhadi; Nurika Hariastuti; Paisal; Pangesti; Pawestri; Puspa; Puspandari; R; Ramadhany; Reni Herman; Rinin Ramadhany; Rizki; Rukminiati; Setiawaty; Soekarso; Subangki; Susanti; Susilarini; T; Tati Febriyanti; Triyani Soekarso; UA; Uli Aifi Nikmah; Uliy Aifi Nikmah; V; Vivi; Vivi Setiawaty; Vivi Setiawaty.; Wibowo; Wulandari; Y; Yuni Rukminiati; vivi Setiawaty
see above	National Institute of Infectious Diseases-Prof. Dr. Matei Bals Molecular Diagnostics Laboratory	National Institute of Infectious Diseases-Prof. Dr. Matei Bals Molecular Diagnostics Laboratory	Andreea Tudor; Corina Casangiu; Dan Otelea; Leontina Banica; Marius Surlea; Petre Milu; Simona Paraschiv
EPI_ISL_1082449	National Laboratory for Health, Environment and Food	CISLD (Clinical Institute of Special Laboratory Diagnostics), University Children's Hospital, University Medical Center Ljubljana	Ana Grom; Barbara Jenko Bizjan; Ema Lovšin; Jernej Kovač; Katarina Kozmos; Marko Pokorn; Maruša Debeljak; Robert Šket; Tadej Battelino; Tine Tesovnik
EPI_ISL_775268 EPI_ISL_1073019	National Laboratory for Health, Environment and Food National Public Health Surveillance Laboratory	National Laboratory for Health, Environment and Food MB1554	Aleksander Mahnic; Maja Rupnik
EPI_ISL_833578	National Reference Laboratory for COVID-19, Pasteur Institute of Iran	National Reference Laboratory for COVID-19, Pasteur Institute of Iran	Ana Steponkiene; B.B. Oude Munnink; DVM PhD; Danas Bakša; Lukas Žemaitis; M.P.G. Koopmans; Svajūnė Muralytė
EPI_ISL_825385, EPI_ISL_825437, EPI_ISL_825617, EPI_ISL_825633, EPI_ISL_825713, EPI_ISL_825714, EPI_ISL_825807	Nigeria Centre For Disease Control	National reference Laboratory, NCDC, Gaduwa, Abuja	Ahmad Ghaseini; Farideh Niknam; Hessam Nemati; Kayhan Azadmanesh; Mahsa Tavakoli; Maryam Rostamtabar; Marzieh Sadjadi; Mohammad Sadegh Shams Nosrati; Mohammad Hassan Pouriayevali; Mohammad Mehdi Mortazavipour; Mostafa Salehi-Vaziri; Parastoo Yekta; Sahar Khakifroz; Sana Eyboosh; Sana Azad-Mannaji; Sepideh Gerdooei; Setareh Kashanian; Tahereh Mohammadi; Tahmineh Jalali; Zabihollah Shoja; Zahra Ahmadi; Zahra Freydzouni; Zeynab VeisiZadeh
see above	Nigeria Centre For Disease Control	National reference Laboratory, NCDC, Gaduwa, Abuja	Anthony Ahumibe; Chimaobi Chukwu; Dr Chikwe Ihekweazu; Dr Ndodo Nnaemeka; Dr Omoare Adesuyi; Esebanmen Grace; Kingsley Madubuike; Kingsley Njoku; Naidoo Dhamari; Nwando Mba;

Olusola Anuoluwapo Akanbi			
EPI_ISL_766051	Nigeria Centre For Disease Control,	National reference Laboratory, NCDC, Gaduwa, Abuja	Anthony Ahumibe; Chimaobi Chukwu; Dr Chikwe Ihekweazu; Dr Ndodo Nnaemeka; Dr Omoare Adesuyi; Kingsley Madubuike; Naidoo Dhamari; Nwando Mba; Olusola Akanbi
EPI_ISL_766049	Nigeria Centre for Disease Control (NCDC), National Reference Laboratory (NRL)	National Reference Laboratory, NCDC, Abuja	Chimaobi Chukwu; Dr Chikwe Ihekweazu; Dr Ndodo Nnaemeka; Dr Omoare Adesuyi; Mrs Nwando Mba; Olusola Akanbi
EPI_ISL_1074743, EPI_ISL_1076023, EPI_ISL_1076306	Nyangabwe Hospital HIV Reference Laboratory	Botswana Harvard HIV Reference Laboratory	Boitumelo Zuze; Botshelo Radibe; David Lawrence; Dorcas Maruapula; Joseph; Joseph Makhema; Legodile Kooepile; Makhema; Mosepele Mosepele; Roger Shapiro; Shahin Lockman; Sikhulile Moyo; Simani Gaseitsiwe; Wonderful T. Choga
EPI_ISL_1074301	Nyangabwe Hospital HIV Reference Laboratory	Botswana Harvard HIV Reference Laboratory,	Boitumelo Zuze; Botshelo Radibe; David Lawrence; Dorcas Maruapula; Joseph Makhema; Mosepele Mosepele; Roger Shapiro; Shahin Lockman; Sikhulile Moyo; Simani Gaseitsiwe; Wonderful T. Choga
EPI_ISL_857056, EPI_ISL_857057, EPI_ISL_857058, EPI_ISL_857059, EPI_ISL_857060, EPI_ISL_857061, EPI_ISL_857062, EPI_ISL_857066, EPI_ISL_857186, EPI_ISL_857193, EPI_ISL_857199, EPI_ISL_857289, EPI_ISL_857291, EPI_ISL_857292, EPI_ISL_857294, EPI_ISL_857295, EPI_ISL_857296, EPI_ISL_857297, EPI_ISL_857299, EPI_ISL_857300, EPI_ISL_857302, EPI_ISL_857303, EPI_ISL_857304, EPI_ISL_857305, EPI_ISL_857307, EPI_ISL_883315, EPI_ISL_883316, EPI_ISL_883325, EPI_ISL_883328, EPI_ISL_883330, EPI_ISL_883336, EPI_ISL_883344, EPI_ISL_883345, EPI_ISL_883350, EPI_ISL_883351, EPI_ISL_883352, EPI_ISL_883353, EPI_ISL_883390, EPI_ISL_883391, EPI_ISL_883392, EPI_ISL_883393, EPI_ISL_883394, EPI_ISL_883397, EPI_ISL_883398, EPI_ISL_883399, EPI_ISL_883400, EPI_ISL_883401, EPI_ISL_883402, EPI_ISL_883404, EPI_ISL_883405, EPI_ISL_883406, EPI_ISL_883407, EPI_ISL_883408, EPI_ISL_937186, EPI_ISL_937187, EPI_ISL_937188, EPI_ISL_937189, EPI_ISL_937190, EPI_ISL_937193, EPI_ISL_937194, EPI_ISL_937195, EPI_ISL_937196, EPI_ISL_937197, EPI_ISL_937198, EPI_ISL_937199, EPI_ISL_937240, EPI_ISL_937241, EPI_ISL_937242, EPI_ISL_937243, EPI_ISL_937244, EPI_ISL_937245, EPI_ISL_937246, EPI_ISL_937247, EPI_ISL_937251, EPI_ISL_937252, EPI_ISL_937253, EPI_ISL_937254, EPI_ISL_937255			
see above	OCME Office Of Chief Medical Examiner	New York City Public Health Laboratory	Jade Wang; et al.
EPI_ISL_965276	OSP CIV ATRI	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G; Scialabba S
EPI_ISL_1036142	OSP CIV ATRI MEDICINA INT	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G; Scialabba S
EPI_ISL_1036152, EPI_ISL_1036159	OSP CIV GIULIANOVA PRONTO SOCC	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G; Scialabba S
EPI_ISL_965246	OSP CIV GIULIANOVA, MED INT	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G; Scialabba S
EPI_ISL_1036189	OSP CIV TERAMO PNEUMOLOGIA	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G; Scialabba S
EPI_ISL_1036161	OSP CIV TERAMO RIANIMAZIONE CARDIOCHIR	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G; Scialabba S
EPI_ISL_1036143, EPI_ISL_1036149, EPI_ISL_1036158, EPI_ISL_1036186, EPI_ISL_1036223	OSP SAN SALVATORE MED INT	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G; Scialabba S
EPI_ISL_1036188, EPI_ISL_1036221	OSP SAN SALVATORE UOC MAL INF	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G; Scialabba S
EPI_ISL_1063784	OSP SS ANNIUNZIATA CHIETI, PRONTO SOCCORSO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G; Scialabba S
EPI_ISL_918265	OSPEDALE ATRI	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G; Scialabba S
EPI_ISL_833047, EPI_ISL_833048, EPI_ISL_833077, EPI_ISL_833078	OSPEDALE CIVILE ATRI	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Delli Compagni E; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G
EPI_ISL_833079, EPI_ISL_833080	OSPEDALE CIVILE TERAMO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Delli Compagni E; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G
EPI_ISL_965245	OSPEDALE CIVILE TERAMO, DIV. PNEUMOLOGIA, PIA	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G; Scialabba S
EPI_ISL_833081	OSPEDALE S.S. ANNUNZIATA CHIETI	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Delli Compagni E; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G
EPI_ISL_833230	OSPEDALE S.S. ANNUNZIATA CHIETI - CLINICA MEDICA (MEDICINA GENERALE 1)	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G.Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G
EPI_ISL_833082	OSPEDALE SAN SALVATORE	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Delli Compagni E; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G
EPI_ISL_833042	OSPEDALE SAN SALVATORE L'AQUILA UOC PNEUMOLOGIAE UTSIR	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Delli Compagni E; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G
EPI_ISL_965224	OSPEDALE SS. ANNUNZIATA CHIETI	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G; Scialabba S
EPI_ISL_767404, EPI_ISL_767405, EPI_ISL_767407, EPI_ISL_767408	Ochsner Health	Biolnfo Experts, LLC	Amy Feehan; David J. Nolan; David Moraga Amador; Julia-Garcia-Diaz; Luke Caruso; Lydia Von Borstel; Rebecca Rose; Sissy Cross; Susanna L. Lamers; Tong Yang; Wayra Navia; Xiao Hui Zhou
EPI_ISL_832378	Ohio State	James Molecular Lab	Dan Jones; Huolin Tu; Jason Garee; Keele Thomas; Laura Kubatko; Matthew Hunt; Matthew R Avenarius; Peng Ru; Peter Mohler; Preeti Pancholi; Xiaokang Pan
EPI_ISL_889373, EPI_ISL_889374, EPI_ISL_889375, EPI_ISL_889377, EPI_ISL_889378, EPI_ISL_889379, EPI_ISL_889380, EPI_ISL_889384, EPI_ISL_889385, EPI_ISL_889386, EPI_ISL_889387, EPI_ISL_889388, EPI_ISL_889389, EPI_ISL_889390, EPI_ISL_889391, EPI_ISL_889392, EPI_ISL_889393, EPI_ISL_889398, EPI_ISL_889399, EPI_ISL_889400, EPI_ISL_889401, EPI_ISL_889402, EPI_ISL_889403, EPI_ISL_889404,			
see above	Olomouc University Hospital	Institute of Applied Biotechnologies a.s.	Kateřina Kvapilová; Marián Hajdúch; Martin Kašný; Ondřej Brzoň; Petr Klemp; Petr Kvapil
EPI_ISL_985034	Omics Sciences Lab	Omics Sciences Lab	Darlyn Amaya; Derly Andrade Molina; Edith Lopez Montanero; Fernando Espinoza Fuentes; Gabriel Morey León; Juan Carlos Fernández Cadena; Kathryn Sacheri Viteri; Pedro Barberán; Rubén Armas González
EPI_ISL_1040028, EPI_ISL_1040029, EPI_ISL_1040030	Original detection - Virology Unit, Institut Pasteur du Cambodge; Sequencing - US National Institute of Allergy and Infectious Diseases Cambodia	Virology Unit, Institut Pasteur du Cambodge	Chau Darapeak; Chin Savuth; Erik A Karlsson; Jennifer Bohl; Jessica Manning; Kraing Sidonn; Ly Sovann; Sophana Chea; Sreyngim Lay; Veasna Duong; Yi Sengdoeurn
EPI_ISL_788943, EPI_ISL_788944, EPI_ISL_788945, EPI_ISL_788947, EPI_ISL_788948, EPI_ISL_788949, EPI_ISL_788950, EPI_ISL_788951, EPI_ISL_788952, EPI_ISL_788953, EPI_ISL_788954, EPI_ISL_788955, EPI_ISL_788956, EPI_ISL_788957, EPI_ISL_788958, EPI_ISL_788959, EPI_ISL_788960, EPI_ISL_788961, EPI_ISL_788962, EPI_ISL_788963, EPI_ISL_788964, EPI_ISL_788966, EPI_ISL_788967, EPI_ISL_788968, EPI_ISL_788969, EPI_ISL_788970, EPI_ISL_788971, EPI_ISL_788972, EPI_ISL_788973, EPI_ISL_788974, EPI_ISL_788975, EPI_ISL_788976, EPI_ISL_788977, EPI_ISL_788978, EPI_ISL_872003, EPI_ISL_872004, EPI_ISL_872005, EPI_ISL_872006, EPI_ISL_872007, EPI_ISL_872008, EPI_ISL_872009, EPI_ISL_872010, EPI_ISL_872011, EPI_ISL_872012, EPI_ISL_872014, EPI_ISL_872016, EPI_ISL_872017, EPI_ISL_872018, EPI_ISL_872019, EPI_ISL_872020, EPI_ISL_872021, EPI_ISL_872022, EPI_ISL_872023, EPI_ISL_872024, EPI_ISL_872025, EPI_ISL_872026, EPI_ISL_872027, EPI_ISL_872028, EPI_ISL_872029, EPI_ISL_872030, EPI_ISL_872031, EPI_ISL_872032, EPI_ISL_872033, EPI_ISL_872034, EPI_ISL_872035, EPI_ISL_872036			
see above	Ospedale "Di Venere"	Beaconlab (Bioinformatics, Evolution and Comparative Genomics lab), Dept of Biosciences, University on Milan	Chiara M; Iacobellis M; Manzari C; Parisi A; Pesole G; Piluscio R; d'Avenia M
EPI_ISL_794753	Ospedale Cardinale G. Panico	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Bianco A.; Capozzi L.; Cipolletta D.; Del Sambio L.; Galante D.; Manzulli V; Pace L.; Parisi A.; Rondinone V.
EPI_ISL_832818	Ospedale Civile Atri	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G.Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G.
EPI_ISL_833255, EPI_ISL_833256, EPI_ISL_833257, EPI_ISL_833331	Ospedale Civile Atri	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G
EPI_ISL_833251	Ospedale Civile Atri-Medicina Interna	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G
EPI_ISL_806784, EPI_ISL_806785, EPI_ISL_833276	Ospedale Civile G.Mazzini-Teramo	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G
EPI_ISL_806789, EPI_ISL_833297	Ospedale Civile Giulianova	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G
EPI_ISL_833252	Ospedale Civile Giulianova-Pronto Soccorso	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G
EPI_ISL_961701	Ospedale Civile Teramo	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G; Scialabba S
EPI_ISL_961750	Ospedale Cvile Atri Med. Interna	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G; Scialabba S
EPI_ISL_745193	Ospedale Di Venere	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Bianco A.; Capozzi L.; Chiara M.; De Sabato L.; Del Sambio L.; Iacobellis M; Parisi A.; Pesole G.
EPI_ISL_918410	Ospedale Di Venere - Carbonara	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Bianco A.; Capozzi L.; Cipolletta D.; Del Sambio L.; Galante D.; Manzulli V; Pace L.; Parisi A.; Rondinone V.; Simone D.
EPI_ISL_806773, EPI_ISL_806774	Ospedale S.Salvatore-Medicina Interna L'Aquila	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G
EPI_ISL_961093	Ospedale SS Annunziata	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G; Scialabba S
EPI_ISL_833265, EPI_ISL_833266, EPI_ISL_833267, EPI_ISL_833268, EPI_ISL_833269, EPI_ISL_833289, EPI_ISL_833325, EPI_ISL_833327, EPI_ISL_1055816	Ospedale SS Annunziata Chieti	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Delli Compagni E; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G; Scialabba S
see above	Ospedale San Salvatore UOC MED INT.	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G; Scialabba S
EPI_ISL_961705	Ospedale San Salvatore UOC Malattie Infettive	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G; Scialabba S
EPI_ISL_794750, EPI_ISL_876742, EPI_ISL_918408, EPI_ISL_918409, EPI_ISL_1008664, EPI_ISL_1008700	Ospedale Santa Caterina Novella	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Bianco A.; Capozzi L.; Chironna M.; Cipolletta D.; Del Sambio L.; Galante D.; Loconsole D.; Manzulli V; Pace L.; Parisi A.; Ridolfi D.; Rondinone V.; Sallustio A.; Simone D.

EPI_ISL_1008706	Ospedale Santissima Annunziata	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Bianco A.; Capozzi L.; Chironna M.; Del Sambro L.; Loconsole D.; Parisi A.; Ridolfi D.; Sallustio A.; Simone D.
EPI_ISL_794747, EPI_ISL_794751	Ospedale Vito Fazzi	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Bianco A.; Capozzi L.; Cipolletta D.; Del Sambro L.; Galante D.; Manzulli V; Pace L.; Parisi A.; Rondinone V.
EPI_ISL_953952, EPI_ISL_953954, EPI_ISL_954035, EPI_ISL_954043, EPI_ISL_954044, EPI_ISL_954045, EPI_ISL_954046, EPI_ISL_954055, EPI_ISL_954056, EPI_ISL_954057, EPI_ISL_954058, EPI_ISL_954073, EPI_ISL_954074, EPI_ISL_954075, EPI_ISL_954085, EPI_ISL_954086, EPI_ISL_954087, EPI_ISL_954088, EPI_ISL_954089, EPI_ISL_954090, EPI_ISL_954094, EPI_ISL_954095, EPI_ISL_954096, EPI_ISL_954097, EPI_ISL_954098, EPI_ISL_954099, EPI_ISL_954100, EPI_ISL_954101, EPI_ISL_954102, EPI_ISL_954108, EPI_ISL_954109, EPI_ISL_954110, EPI_ISL_954111, EPI_ISL_954116, EPI_ISL_954117, EPI_ISL_954118, EPI_ISL_954125			
see above	Outre Mer	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Angela Brisebarre; Camille Capel; Etienne Simon-Lorière; Marion Barbet; Maud Vanpeene; Méline Bizard; Rousset Dominique; Sylvie Behillili; Sylvie van der Werf; Vincent Enouf
EPI_ISL_1035903, EPI_ISL_1035923, EPI_ISL_1035931, EPI_ISL_1035932, EPI_ISL_1035933, EPI_ISL_1035934, EPI_ISL_1035935, EPI_ISL_1035936, EPI_ISL_1035937, EPI_ISL_1035938, EPI_ISL_1035939, EPI_ISL_1035940, EPI_ISL_1035941, EPI_ISL_1035942, EPI_ISL_1035943, EPI_ISL_1035944, EPI_ISL_1035945, EPI_ISL_1035946, EPI_ISL_1035948, EPI_ISL_1035949, EPI_ISL_1035950, EPI_ISL_1035951, EPI_ISL_1035959	Outre Mer CH de Mayotte	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Angela Brisebarre; Camille Capel; Combe Patrice; Etienne Simon-Lorière; Marion Barbet; Maud Vanpeene; Méline Bizard; Sylvie Behillili; Sylvie van der Werf; Vincent Enouf
see above	Outre Mer CH de Mayotte	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Angela Brisebarre; Camille Capel; Combe Patrice; Etienne Simon-Lorière; Marion Barbet; Maud Vanpeene; Méline Bizard; Sylvie Behillili; Sylvie van der Werf; Vincent Enouf
EPI_ISL_912540, EPI_ISL_912542, EPI_ISL_912544, EPI_ISL_912546, EPI_ISL_912606, EPI_ISL_912615, EPI_ISL_912616, EPI_ISL_913606, EPI_ISL_995331, EPI_ISL_995332, EPI_ISL_995333, EPI_ISL_995334, EPI_ISL_995335, EPI_ISL_995336, EPI_ISL_995337, EPI_ISL_995338, EPI_ISL_995339, EPI_ISL_995340, EPI_ISL_995341, EPI_ISL_995342, EPI_ISL_995343, EPI_ISL_995344, EPI_ISL_995345, EPI_ISL_995346, EPI_ISL_995347, EPI_ISL_995348, EPI_ISL_995349, EPI_ISL_995350, EPI_ISL_995351, EPI_ISL_995352, EPI_ISL_995353, EPI_ISL_995354, EPI_ISL_995355, EPI_ISL_995356, EPI_ISL_995357, EPI_ISL_995358, EPI_ISL_995359, EPI_ISL_995360, EPI_ISL_995361, EPI_ISL_995362, EPI_ISL_995363, EPI_ISL_995364, EPI_ISL_995365, EPI_ISL_995366, EPI_ISL_995367, EPI_ISL_995368, EPI_ISL_995369, EPI_ISL_995370, EPI_ISL_995371, EPI_ISL_995372, EPI_ISL_995373, EPI_ISL_995374, EPI_ISL_995375, EPI_ISL_995376, EPI_ISL_995377, EPI_ISL_995378, EPI_ISL_995379, EPI_ISL_995380, EPI_ISL_995381, EPI_ISL_995382, EPI_ISL_995383, EPI_ISL_995384, EPI_ISL_995385, EPI_ISL_995386, EPI_ISL_995387, EPI_ISL_995388, EPI_ISL_995389, EPI_ISL_995390, EPI_ISL_995391, EPI_ISL_995392, EPI_ISL_995393, EPI_ISL_995394, EPI_ISL_995395, EPI_ISL_995396, EPI_ISL_995397, EPI_ISL_995398, EPI_ISL_995399, EPI_ISL_995400, EPI_ISL_995401, EPI_ISL_995402, EPI_ISL_995403, EPI_ISL_995404, EPI_ISL_995405, EPI_ISL_995406, EPI_ISL_995407, EPI_ISL_995408, EPI_ISL_995409, EPI_ISL_995410, EPI_ISL_995411, EPI_ISL_995412, EPI_ISL_995413, EPI_ISL_995414, EPI_ISL_995415, EPI_ISL_995416, EPI_ISL_995417, EPI_ISL_995418, EPI_ISL_995419, EPI_ISL_995420, EPI_ISL_995421, EPI_ISL_995422, EPI_ISL_995423, EPI_ISL_995424, EPI_ISL_995425, EPI_ISL_995426, EPI_ISL_995427, EPI_ISL_995428, EPI_ISL_995429, EPI_ISL_995430, EPI_ISL_995431, EPI_ISL_995432, EPI_ISL_995433, EPI_ISL_995434, EPI_ISL_995435, EPI_ISL_995436, EPI_ISL_995437, EPI_ISL_995438, EPI_ISL_995439, EPI_ISL_995440, EPI_ISL_995441, EPI_ISL_995442, EPI_ISL_995443, EPI_ISL_995444, EPI_ISL_995445, EPI_ISL_995446, EPI_ISL_995447, EPI_ISL_995448, EPI_ISL_1001384, EPI_ISL_1001385, EPI_ISL_1001395, EPI_ISL_1001396, EPI_ISL_1001397, EPI_ISL_1001398, EPI_ISL_1001399, EPI_ISL_1001400, EPI_ISL_1001401, EPI_ISL_1001402, EPI_ISL_1001408, EPI_ISL_1001409, EPI_ISL_1001410, EPI_ISL_1001411, EPI_ISL_1001412, EPI_ISL_1001413, EPI_ISL_1001414, EPI_ISL_1001416, EPI_ISL_1001417, EPI_ISL_1001418, EPI_ISL_1001419, EPI_ISL_1001420, EPI_ISL_1001421, EPI_ISL_1001422, EPI_ISL_1001423, EPI_ISL_1001424, EPI_ISL_1001425, EPI_ISL_1001426, EPI_ISL_1001427, EPI_ISL_1001429, EPI_ISL_1001430, EPI_ISL_1001431, EPI_ISL_1001432, EPI_ISL_1001433, EPI_ISL_1001434, EPI_ISL_1001435, EPI_ISL_1001436, EPI_ISL_1001437, EPI_ISL_1001438, EPI_ISL_1001439, EPI_ISL_1001440, EPI_ISL_1001441, EPI_ISL_1001442, EPI_ISL_1001443, EPI_ISL_1001444, EPI_ISL_1001445, EPI_ISL_1001446, EPI_ISL_1001447, EPI_ISL_1001448, EPI_ISL_1001449, EPI_ISL_1001450, EPI_ISL_1001451, EPI_ISL_1001452, EPI_ISL_1001453, EPI_ISL_1001454, EPI_ISL_1001455, EPI_ISL_1001456, EPI_ISL_1001457, EPI_ISL_1001458, EPI_ISL_1001459, EPI_ISL_1001460, EPI_ISL_1001461, EPI_ISL_1001462, EPI_ISL_1001463, EPI_ISL_1001464, EPI_ISL_1001465, EPI_ISL_1001466, EPI_ISL_1001467, EPI_ISL_1001468, EPI_ISL_1001469, EPI_ISL_1001470, EPI_ISL_1001471, EPI_ISL_1001472, EPI_ISL_1001473, EPI_ISL_1001474, EPI_ISL_1001475, EPI_ISL_1001476, EPI_ISL_1001477, EPI_ISL_1001478, EPI_ISL_1001479, EPI_ISL_1001480, EPI_ISL_1001481, EPI_ISL_1001482, EPI_ISL_1001483, EPI_ISL_1001484, EPI_ISL_1001485, EPI_ISL_1001486, EPI_ISL_1001487, EPI_ISL_1001488, EPI_ISL_1001489, EPI_ISL_1001490, EPI_ISL_1001491, EPI_ISL_1001492, EPI_ISL_1001493, EPI_ISL_1001494, EPI_ISL_1001495, EPI_ISL_1001496, EPI_ISL_1001497, EPI_ISL_1001498, EPI_ISL_1001499, EPI_ISL_1001500			
see above	Outre mer	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Angela Brisebarre; Camille Capel; Combe Patrice; Etienne Simon-Lorière; Marion Barbet; Maud Vanpeene; Méline Bizard; Rousset (Guy) Dominique; Rousset Dominique; Sylvie Behillili; Sylvie van der Werf; Vincent Enouf
EPI_ISL_965278, EPI_ISL_965279, EPI_ISL_965280, EPI_ISL_965281, EPI_ISL_965282, EPI_ISL_965283, EPI_ISL_965284, EPI_ISL_965285, EPI_ISL_965286, EPI_ISL_965287, EPI_ISL_965288, EPI_ISL_965289, EPI_ISL_965290, EPI_ISL_965291, EPI_ISL_965292, EPI_ISL_965293, EPI_ISL_965294, EPI_ISL_965296, EPI_ISL_965297, EPI_ISL_965298, EPI_ISL_965299, EPI_ISL_965300, EPI_ISL_1036224, EPI_ISL_1036225, EPI_ISL_1036226, EPI_ISL_1036227, EPI_ISL_1036228, EPI_ISL_1036229, EPI_ISL_1063788			
see above	P.O.CARDARELLI	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marccacci M; Niro G; Puglia I; Rinaldi A; Savini G; Scialabba S; Scutellà M
EPI_ISL_861673	PA Novo Osasco	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valesa Ramos Gomes; Karoline Rodrigues Campos
EPI_ISL_1040031, EPI_ISL_1040032, EPI_ISL_1040033, EPI_ISL_1040034, EPI_ISL_1040035, EPI_ISL_1040036, EPI_ISL_1040037, EPI_ISL_1040038, EPI_ISL_1040039, EPI_ISL_1040040, EPI_ISL_1040041, EPI_ISL_1040042, EPI_ISL_1040043, EPI_ISL_1040044, EPI_ISL_1040045, EPI_ISL_1040046, EPI_ISL_1040047, EPI_ISL_1040048, EPI_ISL_1040049	PCR Laboratory, The First Affiliated Hospital of Zhengzhou University, Zhengzhou, Henan, China	PCR Laboratory, The First Affiliated Hospital of Zhengzhou University, Zhengzhou, Henan, China	Guanglin Cui; Hao Guo; Junhu Wan; Lei Zheng; Li Sun; Lijuan Rong; Meiling Long; Shijie Zhang; Ting Sun; Xianchun Meng; Xiangbo Huang
see above	PCR Laboratory, The First Affiliated Hospital of Zhengzhou University, Zhengzhou, Henan, China	PCR Laboratory, The First Affiliated Hospital of Zhengzhou University, Zhengzhou, Henan, China	Guanglin Cui; Hao Guo; Junhu Wan; Lei Zheng; Li Sun; Lijuan Rong; Meiling Long; Shijie Zhang; Ting Sun; Xianchun Meng; Xiangbo Huang
EPI_ISL_1091782, EPI_ISL_1091783	PECET	Universidad Nacional de Colombia - Laboratorio Genómico One Health	Andres F. Cardona-Rios; Carlos Franco-Muñoz; Daniel O. Maldonado-Perez; Diego A. Álvarez-Díaz; Idabely Betancur Ortiz; Jorge E. Osorio; Juan P. Hernandez-Ortiz; Karl A Ciuderiis; Laura Silvana Perez; Marcela Mercado-Reyes; Sandra Ines Cano
EPI_ISL_1036151	PRES OSP TAGLIACOZZO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marccacci M; Puglia I; Rinaldi A; Savini G; Scialabba S
EPI_ISL_1036205	PRES TERR CASOLI	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marccacci M; Puglia I; Rinaldi A; Savini G; Scialabba S
EPI_ISL_833288, EPI_ISL_833290	PRESIDIO TERRITORIALE CASOLI CH	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marccacci M; Puglia I; Rinaldi A; Savini G
EPI_ISL_861659, EPI_ISL_861660, EPI_ISL_861661, EPI_ISL_906067	PS e Maternidade Nair Fonseca Leitao Arantes	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valesa Ramos Gomes; Karoline Rodrigues Campos
EPI_ISL_861666	PSF Dr. Antonio Pires de Almeida	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valesa Ramos Gomes; Karoline Rodrigues Campos
EPI_ISL_1075350	Palapye Primary Hospital Laboratory	Botswana Harvard HIV Reference Laboratory	Boitumelo Zuze; Botshelo Radibe; David Lawrence; Dorcas Maruapula; Joseph Makhema; Mosepele Mosepele; Roger Shapiro; Shahin Lockman; Sikhulile Moyo; Simani Gaseitsiwe; Wonderful T. Choga
EPI_ISL_955905, EPI_ISL_1055207, EPI_ISL_1055233, EPI_ISL_1055235, EPI_ISL_1055240, EPI_ISL_1055257	Pamela Youde Nethersole Eastern Hospital	Hong Kong Department of Health	Alan K.L. Tsang; Chan Rickjason C.W.; Dominic N.C. Tsang; Edman T.K. Lam; Lam Edman T.K.; Mak Gannon C.K.; Peter C.W. Yip; Rickjason C.W. Chan; Tsang Dominic N.C.
EPI_ISL_956277, EPI_ISL_956314	Paru Hospital	Institute of Tropical Disease, Universitas Airlangga	Aldise M Nastri; Dyah Retno; Gatot Soegiarto; Jezzy R Dewantari; Kazufumi Shimizu; Krisnodi Rahardjo; Laksmi Wulandari; Maria I Lusida; Resti Yudhawati; Rima R Prasetya; Soetjipto; Yasuko Mori
EPI_ISL_912401	PathCare	National Health Laboratory Service (NHLS), Tygerberg	Bronwyn Kleinhans; Eduan Wilkindon; Gert van Zyl; Hourliyah Tegally; Jean Maritz; Susan Engelbrecht; Tulo de Oliveira; Wolfgang Preiser
EPI_ISL_747242	Pathogen Lab (BSL3), Biomedical Innovation Department, Applied and Experimental Biology Division, Scientific Research Center and High Education from Ensenada (CICESE)	Pathogen Laboratory (BSL3), Biomedical Innovation Department, Experimental and Applied Biology Division, Scientific Research Center and High Education from Ensenada (CICESE)	Cervantes-Luevano K; Galindo C and Licea-Navarro A; Martinez M; Saavedra A
EPI_ISL_872628, EPI_ISL_872629, EPI_ISL_872630, EPI_ISL_872631, EPI_ISL_872632, EPI_ISL_872633, EPI_ISL_872634, EPI_ISL_872635, EPI_ISL_872636, EPI_ISL_872637, EPI_ISL_872638, EPI_ISL_872639, EPI_ISL_872640, EPI_ISL_872643, EPI_ISL_1015362	see above	Pathogenic Microorganisms Variability Laboratory	Alexander Gintsburg; Alexey Shchetinin; Andrei Siniavin; Andrey Pochtoviy; Anna Ignatieva; Denis Logunov; Elena Burtseva; Elena Shidlovskaya; Elizaveta Divisenko; Evgeniya Mukasheva; Evgeny Usachev; Kirill Krasnoslobotsev; Ludmila Kolobukhina; Maria Nikiforova; Nadezhda Kuznetsova; Olesya Venchakova; Olga Burgasova; Svetlana Smetanina; Svetlana Trushakova; Valeria Bacalin; Vladimir Gushchin
EPI_ISL_792016, EPI_ISL_792017, EPI_ISL_792018, EPI_ISL_792019, EPI_ISL_792020, EPI_ISL_792021, EPI_ISL_792022, EPI_ISL_792023	see above	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Angela Brisebarre; Camille Capel; Etienne Simon-Lorière; Jacques Fourgeaud; Marion Barbet; Maud Vanpeene; Méline Bizard; Sylvie Behillili; Sylvie van der Werf; Vincent Enouf
EPI_ISL_1055246	Pok Oi Hospital	Hong Kong Department of Health	Chan Rickjason C.W.; Lam Edman T.K.; Mak Gannon C.K.; Tsang Dominic N.C.
EPI_ISL_1055244	Precious Blood Hospital	Hong Kong Department of Health	Chan Rickjason C.W.; Lam Edman T.K.; Mak Gannon C.K.; Tsang Dominic N.C.
EPI_ISL_759959	Premier Hospital Surabaya	Institute of Tropical Disease, Universitas Airlangga	Aldise M Nastri; Gatot Soegiarto; Hartono Tanto; Jezzy R Dewantari; Kazufumi Shimizu; Krisnodi Rahardjo; Laksmi Wulandari; Maria I Lusida; Resti Yudhawati; Rima R Prasetya; Soetjipto; Yasuko Mori
EPI_ISL_806730	Presidio Ospedaliero S.Liberatore Atri	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marccacci M; Puglia I; Rinaldi A; Savini G
EPI_ISL_961754	Presidio Ospedaliero Sulmona	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marccacci M; Puglia I; Rinaldi A; Savini G; Scialabba S
EPI_ISL_794756, EPI_ISL_794757, EPI_ISL_794758, EPI_ISL_1000969, EPI_ISL_1000970, EPI_ISL_1008678, EPI_ISL_1008703, EPI_ISL_1008704, EPI_ISL_1008705, EPI_ISL_1008707, EPI_ISL_1008708, EPI_ISL_1008709, EPI_ISL_1008710, EPI_ISL_1008711, EPI_ISL_1008712	see above	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Bianco A.; Capozzi L.; Chironna M.; Cipolletta D.; Del Sambro L.; Galante D.; Loconsole D.; Manzulli V; Pace L.; Parisi A.; Ridolfi D.; Rondinone V.; Sallustio A.; Simone D.
EPI_ISL_759955, EPI_ISL_877423, EPI_ISL_877456, EPI_ISL_877457, EPI_ISL_956307	Primasatya Husada Citra Hospital	Institute of Tropical Disease, Universitas Airlangga	Aldise M Nastri; Gatot Soegiarto; Jezzy R Dewantari; Kazufumi Shimizu; Krisnodi Rahardjo; Laksmi Wulandari; Maria I Lusida; Pudji Djanuartono; Resti Yudhawati; Rima R Prasetya; Soetjipto; Yasuko Mori
EPI_ISL_1020179, EPI_ISL_1020181, EPI_ISL_1020191	Primera Clinica, Jakarta	Biosafety Level-3 Laboratory, Indonesian Institute of Sciences (LIPI)	Andri Wardiana; Anik B. Dharmayanthi; Ari S. Wulandari; Indriawati; Isa Nurayana; Ratih Asmana Ningrum; Sugijono Saputra; Syaiful Rizal; Syam Budi Iryanto
EPI_ISL_1055193, EPI_ISL_1055197, EPI_ISL_1055198, EPI_ISL_1055201, EPI_ISL_1055214, EPI_ISL_1055230, EPI_ISL_1055236, EPI_ISL_1055243, EPI_ISL_1055248	see above	Hong Kong Department of Health	Chan Rickjason C.W.; Lam Edman T.K.; Mak Gannon C.K.; Tsang Dominic N.C.
EPI_ISL_1055199, EPI_ISL_1055206, EPI_ISL_1055219, EPI_ISL_1055251, EPI_ISL_1055254	Prince of Wales Hospital	Hong Kong Department of Health	Chan Rickjason C.W.; Lam Edman T.K.; Mak Gannon C.K.; Tsang Dominic N.C.
EPI_ISL_1055203, EPI_ISL_1055208, EPI_ISL_1055215, EPI_ISL_1055217, EPI_ISL_1055231	Private medical practitioner	Hong Kong Department of Health	Chan Rickjason C.W.; Lam Edman T.K.; Mak Gannon C.K.; Tsang Dominic N.C.
EPI_ISL_1034274	Provincial Sanitary and Epidemiological Inspection in Gdańsk	Laboratory of Recombinant Vaccines	Boguslaw Szewczyk; Krystyna Bienkowska-Szewczyk; Krzysztof Pyrc; Lukasz Rabalski; Maciej Gryzbek; Maciej Kosinski; Natalia Mazur-Panasiuk
EPI_ISL_763066	Puskesmas Grogol, Sukoharjo	Universitas Sebelas Maret (UNS); Rumah Sakit UNS (RS-UNS); National Institute of Health Research and Development, Indonesian Ministry of Health.	Afif A Ghufron; Arie A Nugraha; Betty Suryawati; Dewi Puspa; Hana A Pawestri; Hartanti Dian Ika; Hartono; Kartika; Maryani; Revi G H Novika; Vivi Setiawaty.; Yulia Sari
EPI_ISL_763070	Puskesmas Jambu Kulon, Klaten	Universitas Sebelas Maret (UNS); Rumah Sakit UNS (RS-UNS); National Institute of Health Research and Development, Indonesian Ministry of Health.	Afif A Ghufron; Arie A Nugraha; Betty Suryawati.; Dewi Puspa; Hana A Pawestri; Hartanti Dian Ika; Hartono; Kartika; Maryani; Vivi Setiawaty; Yulia Sari
EPI_ISL_766037	Puskesmas Palmerah	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Amin Soebandrio; David H Muljono; Edison Johar; Filisasta A Yudhaputri; Hidayat Trimarsanto; Khin Saw Myint; Safarina G Malik

EPI_ISL_909732	Pôle médico-technique Laboratoire	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Angela Brisebarre; Camille Capel; Etienne Simon-Lorière; Marion Barbet; Maud Vanpeene; Méline Bizard; Sylvie Behillili; Sylvie van der Werf; Vincent Enouf
EPI_ISL_1020206	Qadr Hospital, Tangerang, Banten	Biosafety Level-3 Laboratory, Indonesian Institute of Sciences (LIPI)	Anggia Prasetyoputri; Ari Sulistyio Wulandari; Eko Wahyu Putro; Gita Syahputra; Isa Nuryana; Rathih Asmana Ningrum; Sri Swasthikawati; Sugiyono Saputra; Syam Budi Iryanto
EPI_ISL_1046886, EPI_ISL_1046887, EPI_ISL_1046888	Queen Elizabeth Hospital	Hong Kong Children's Hospital	David Christopher Lung; Garnet Kwan-Yue Choi; Herman Tse; Ka-Fai Ip; Kelvin Kai-Wang To; Kin-Hang Kok; Kwok-Yung Yuen; Sally Cheuk-Ying Wong; Tak-Chiu Wu
EPI_ISL_1061404, EPI_ISL_1061405, EPI_ISL_1061407, EPI_ISL_1061409, EPI_ISL_1061410, EPI_ISL_1061411	Queen Elizabeth Hospital	Hong Kong Children's Hospital	David Christopher Lung; Garnet Kwan-Yue Choi; Herman Tse; Sally Cheuk-Ying Wong
EPI_ISL_1055204, EPI_ISL_1055222, EPI_ISL_1055223, EPI_ISL_1055229, EPI_ISL_1055234, EPI_ISL_1055247	Queen Elizabeth Hospital	Hong Kong Department of Health	Chan Rickjason C.W.; Lam Edman T.K.; Mak Gannon C.K.; Tsang Dominic N.C.
EPI_ISL_1055192, EPI_ISL_1055196, EPI_ISL_1055200, EPI_ISL_1055205, EPI_ISL_1055213, EPI_ISL_1055221, EPI_ISL_1055226, EPI_ISL_1055228, EPI_ISL_1055237, EPI_ISL_1055242, EPI_ISL_1055245	Queen Mary Hospital	Hong Kong Department of Health	Chan Rickjason C.W.; Lam Edman T.K.; Mak Gannon C.K.; Tsang Dominic N.C.
see above			
EPI_ISL_833228, EPI_ISL_833229	R.P. GUARDIAGRELE Ospedale di Comunità	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G.Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G.
EPI_ISL_883291, EPI_ISL_883294, EPI_ISL_883295, EPI_ISL_883297, EPI_ISL_883301, EPI_ISL_883302	RP Guardiaigrele-Ospedale di Comunità	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G; Scialabba S
EPI_ISL_833083, EPI_ISL_833084	RPS	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Delli Compagni E; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G
EPI_ISL_888980, EPI_ISL_889022	RS Anna	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Amin Soebandrio; Edison Johar; Frilasita A Yudhaputri; Hidayat Trimarsanto; Iskandar Adnan; Khin Saw Myint; Lydia V. Panggalo; Safarina G Malik; Sukma Oktavianthi; Willy Agustine
EPI_ISL_888979	RS Bhakti Mulia	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Amin Soebandrio; Edison Johar; Frilasita A Yudhaputri; Hidayat Trimarsanto; Iskandar Adnan; Khin Saw Myint; Lydia V. Panggalo; Safarina G Malik; Sukma Oktavianthi; Willy Agustine
EPI_ISL_766035	RS Bhayangkara Brimob Kelapa Dua	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Amin Soebandrio; David H Muljono; Edison Johar; Frilasita A Yudhaputri; Hidayat Trimarsanto; Khin Saw Myint; Safarina G Malik
EPI_ISL_766039, EPI_ISL_766048	RS Bhayangkara Tk. III	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Amin Soebandrio; David H Muljono; Edison Johar; Frilasita A Yudhaputri; Hidayat Trimarsanto; Khin Saw Myint; Safarina G Malik
EPI_ISL_947249, EPI_ISL_947252, EPI_ISL_947257	RS Bina Husada Cibinong	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Amin Soebandrio; Edison Johar; Frilasita A Yudhaputri; Hidayat Trimarsanto; Iskandar Adnan; Khin Saw Myint; Lydia V. Panggalo; Safarina G Malik; Sukma Oktavianthi; Willy Agustine
EPI_ISL_888987	RS Citra Medika Depok	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Amin Soebandrio; Edison Johar; Frilasita A Yudhaputri; Hidayat Trimarsanto; Iskandar Adnan; Khin Saw Myint; Lydia V. Panggalo; Safarina G Malik; Sukma Oktavianthi; Willy Agustine
EPI_ISL_947290	RS Hermina Bitung	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Amin Soebandrio; Edison Johar; Frilasita A Yudhaputri; Hidayat Trimarsanto; Iskandar Adnan; Khin Saw Myint; Lydia V. Panggalo; Safarina G Malik; Sukma Oktavianthi; Willy Agustine
EPI_ISL_888983	RS Hermina Daan Mogot	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Amin Soebandrio; Edison Johar; Frilasita A Yudhaputri; Hidayat Trimarsanto; Iskandar Adnan; Khin Saw Myint; Lydia V. Panggalo; Safarina G Malik; Sukma Oktavianthi; Willy Agustine
EPI_ISL_888985	RS Hermina Serpong	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Amin Soebandrio; Edison Johar; Frilasita A Yudhaputri; Hidayat Trimarsanto; Iskandar Adnan; Khin Saw Myint; Lydia V. Panggalo; Safarina G Malik; Sukma Oktavianthi; Willy Agustine
EPI_ISL_889017	RS Hermina Tangerang	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Amin Soebandrio; Edison Johar; Frilasita A Yudhaputri; Hidayat Trimarsanto; Iskandar Adnan; Khin Saw Myint; Lydia V. Panggalo; Safarina G Malik; Sukma Oktavianthi; Willy Agustine
EPI_ISL_763064	RS Kasih Ibu, Surakarta	Universitas Sebelas Maret (UNS); Rumah Sakit UNS (RS-UNS); National Institute of Health Research and Development, Indonesian Ministry of Health.	Aff A Ghufron; Arie A Nugraha; Betty Suryawati; Dewi Puspa; Hana A Pawestri; Hartanti Dian Ika; Hartono; Kartika; Maryani; Revi G H Novika; Vivi Setiawaty.; Yulia Sari
EPI_ISL_833393, EPI_ISL_833492	RS MMC Jakarta, Indonesia	Biosafety Level-3 Laboratory, Indonesian Institute of Sciences (LIPI)	Ade Andriani; Ahmad Fathoni; Andri Wardiana; Anggia Prasetyoputri; Anik Budhi Dharmayanthi; Eva Erdayani; Isa Nuryana; Linda Sukmarini; Nova Dilla Yanthi; Rathih Asmana Ningrum; Syam Budi Iryanto; Yuliawati
EPI_ISL_833503, EPI_ISL_833504, EPI_ISL_833505, EPI_ISL_833507	RS MMC, Jakarta, Indonesia	Biosafety Level-3 Laboratory, Indonesian Institute of Sciences (LIPI)	Ade Andriani; Ahmad Fathoni; Ahmad Randy; Andri Wardiana; Anggia Prasetyoputri; Anik Budhi Dharmayanthi; Idris; Isa Nuryana; Listiana Oktavia; Muhammad Ridwan; Pangda Sopha; Rathih Asmana Ningrum; Ruby Setiawan; Syaiful Rizal; Syam Budi Iryanto
EPI_ISL_833509, EPI_ISL_833510	RS Melania, Bogor, Indonesia	Biosafety Level-3 Laboratory, Indonesian Institute of Sciences (LIPI)	Ade Andriani; Ahmad Fathoni; Andri Wardiana; Anggia Prasetyoputri; Anik Budhi Dharmayanthi; Isa Nuryana; Rathih Asmana Ningrum; Syam Budi Iryanto
EPI_ISL_889016	RS Mitra Husada	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Amin Soebandrio; Edison Johar; Frilasita A Yudhaputri; Hidayat Trimarsanto; Iskandar Adnan; Khin Saw Myint; Lydia V. Panggalo; Safarina G Malik; Sukma Oktavianthi; Willy Agustine
EPI_ISL_766034, EPI_ISL_766036, EPI_ISL_889009	RS Mitra Keluarga Bintaro	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Amin Soebandrio; David H Muljono; Edison Johar; Frilasita A Yudhaputri; Hidayat Trimarsanto; Iskandar Adnan; Khin Saw Myint; Lydia V. Panggalo; Safarina G Malik; Sukma Oktavianthi; Willy Agustine
EPI_ISL_888999, EPI_ISL_947301	RS Mitra Keluarga Cibubur	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Amin Soebandrio; Edison Johar; Frilasita A Yudhaputri; Hidayat Trimarsanto; Iskandar Adnan; Khin Saw Myint; Lydia V. Panggalo; Safarina G Malik; Sukma Oktavianthi; Willy Agustine
EPI_ISL_888991, EPI_ISL_888992, EPI_ISL_889003, EPI_ISL_889004, EPI_ISL_947326, EPI_ISL_947327	RS Mitra Keluarga Gading Serpong	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Amin Soebandrio; Edison Johar; Frilasita A Yudhaputri; Hidayat Trimarsanto; Iskandar Adnan; Khin Saw Myint; Lydia V. Panggalo; Safarina G Malik; Sukma Oktavianthi; Willy Agustine
EPI_ISL_947322	RS Mitra Keluarga Kelapa Gading	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Amin Soebandrio; Edison Johar; Frilasita A Yudhaputri; Hidayat Trimarsanto; Iskandar Adnan; Khin Saw Myint; Lydia V. Panggalo; Safarina G Malik; Sukma Oktavianthi; Willy Agustine
EPI_ISL_889012	RS Mitra Keluarga Pratama Jatiasih	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Amin Soebandrio; Edison Johar; Frilasita A Yudhaputri; Hidayat Trimarsanto; Iskandar Adnan; Khin Saw Myint; Lydia V. Panggalo; Safarina G Malik; Sukma Oktavianthi; Willy Agustine
EPI_ISL_889020	RS Omni Cikarang	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Amin Soebandrio; Edison Johar; Frilasita A Yudhaputri; Hidayat Trimarsanto; Iskandar Adnan; Khin Saw Myint; Lydia V. Panggalo; Safarina G Malik; Sukma Oktavianthi; Willy Agustine
EPI_ISL_888981	RS Omni Pulomas	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Amin Soebandrio; Edison Johar; Frilasita A Yudhaputri; Hidayat Trimarsanto; Iskandar Adnan; Khin Saw Myint; Lydia V. Panggalo; Safarina G Malik; Sukma Oktavianthi; Willy Agustine
EPI_ISL_833493, EPI_ISL_833494, EPI_ISL_833496	RS PMI Bogor, Indonesia	Biosafety Level-3 Laboratory, Indonesian Institute of Sciences (LIPI)	Ade Andriani; Ahmad Fathoni; Andri Wardiana; Anggia Prasetyoputri; Anik Budhi Dharmayanthi; Anky Zannati; Arie Wulandari; Indriawati; Isa Nuryana; Maritsa Nurfatwa; Nurulliatyati; Rathih Asmana Ningrum; Syam Budi Iryanto; Yana Rubiyana
EPI_ISL_833506	RS PMI, Bogor, Indonesia	Biosafety Level-3 Laboratory, Indonesian Institute of Sciences (LIPI)	Ade Andriani; Ahmad Fathoni; Andri Wardiana; Anggia Prasetyoputri; Anik Budhi Dharmayanthi; Gilang Akbariani; Isa Nuryana; Rathih Asmana Ningrum; Satrio Haryo Benowo; Syam Budi Iryanto
EPI_ISL_1020180, EPI_ISL_1020184	RS PMI, Bogor, West Java	Biosafety Level-3 Laboratory, Indonesian Institute of Sciences (LIPI)	Andri Wardiana; Ari S. Wulandari; Gita Syahputra; Indriawati; Isa Nuryana; Sugiyono Saputra; Syaiful Rizal; Syam Budi Iryanto
EPI_ISL_763063	RS Panti Waluyo, Surakarta	Universitas Sebelas Maret (UNS); Rumah Sakit UNS (RS-UNS); National Institute of Health Research and Development, Indonesian Ministry of Health.	Aff A Ghufron; Arie A Nugraha; Betty Suryawati; Dewi Puspa; Hana A Pawestri; Hartanti Dian Ika; Hartono; Kartika; Maryani; Revi G H Novika; Vivi Setiawaty.; Yulia Sari
EPI_ISL_766043, EPI_ISL_766045	RS Peln	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Amin Soebandrio; David H Muljono; Edison Johar; Frilasita A Yudhaputri; Hidayat Trimarsanto; Khin Saw Myint; Safarina G Malik
EPI_ISL_766041	RS Polri	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Amin Soebandrio; David H Muljono; Edison Johar; Frilasita A Yudhaputri; Hidayat Trimarsanto; Khin Saw Myint; Safarina G Malik

EPI_ISL_888989, EPI_ISL_888990, EPI_ISL_888982	RS Pondok Indah Bintaro Jaya	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Amin Soebandrio; Edison Johar; Frilasita A Yudhaputri; Hidayat Trimarsanto; Iskandar Adnan; Khin Saw Myint; Lydia V. Panggalo; Safarina G Malik; Sukma Oktavianthi; Willy Agustine
	RS Pondok Indah Hospital - Pondok Indah	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Amin Soebandrio; Edison Johar; Frilasita A Yudhaputri; Hidayat Trimarsanto; Iskandar Adnan; Khin Saw Myint; Lydia V. Panggalo; Safarina G Malik; Sukma Oktavianthi; Willy Agustine
EPI_ISL_888988, EPI_ISL_947262	RS Qadr	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Amin Soebandrio; Edison Johar; Frilasita A Yudhaputri; Hidayat Trimarsanto; Iskandar Adnan; Khin Saw Myint; Lydia V. Panggalo; Safarina G Malik; Sukma Oktavianthi; Willy Agustine
EPI_ISL_833499, EPI_ISL_833571	RS Qadr, Tangerang, Indonesia	Biosafety Level-3 Laboratory, Indonesian Institute of Sciences (LIPI)	Ade Andriani; Ahmad Fathoni; Andri Wardiana; Anggia Prasetyoputri; Anik Budhi Dharmayanthi; Erwin Fajar Hasrianda; Isa Nuryana; Ratih Asmana Ningrum; Ratna Dwi Ramadani; Ryan Haryo Setiawan; Sugiyono Saputra; Syam Budi Iryanto
EPI_ISL_889013	RS Rawa Lumbu	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Amin Soebandrio; Edison Johar; Frilasita A Yudhaputri; Hidayat Trimarsanto; Iskandar Adnan; Khin Saw Myint; Lydia V. Panggalo; Safarina G Malik; Sukma Oktavianthi; Willy Agustine
EPI_ISL_766042, EPI_ISL_947265, EPI_ISL_947320	RS Sari Asih Ciledug	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Amin Soebandrio; David H Muljono; Edison Johar; Frilasita A Yudhaputri; Hidayat Trimarsanto; Iskandar Adnan; Khin Saw Myint; Lydia V. Panggalo; Safarina G Malik; Sukma Oktavianthi; Willy Agustine
EPI_ISL_833501, EPI_ISL_833502	RS Sayang Bunda, Makassar, Indonesia	Biosafety Level-3 Laboratory, Indonesian Institute of Sciences (LIPI)	Ade Andriani; Ahmad Fathoni; Andri Wardiana; Anggia Prasetyoputri; Anik Budhi Dharmayanthi; Fajarrudin Ahmad; Herjuno Ari Eko Nugroho; I sa Nuryana; Isa Nuryana; Masrukhin; Onny Nurrahman Marwayana; Ratih Asmana Ningrum; Syam Budi Iryanto
EPI_ISL_947307	RS Sentra Medika Cikarang	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Amin Soebandrio; Edison Johar; Frilasita A Yudhaputri; Hidayat Trimarsanto; Iskandar Adnan; Khin Saw Myint; Lydia V. Panggalo; Safarina G Malik; Sukma Oktavianthi; Willy Agustine
EPI_ISL_833039	RS TK II 02.05.01 dr. AK Gani Palembang	National Institute of Health Research and Development	A; AA; HA; HD; Ikawati; KD; KNA; N; Nugraha; Pangesti; Pawestri; Puspa; Puspandari; RP; Setiawaty; Soekarso; Subangkit; T; Tantula; V; Wiradharma
EPI_ISL_766040	RS Tingkat II Moh. Ridwan Meuraksa	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Amin Soebandrio; David H Muljono; Edison Johar; Frilasita A Yudhaputri; Hidayat Trimarsanto; Khin Saw Myint; Safarina G Malik
EPI_ISL_1020176, EPI_ISL_1020177, EPI_ISL_1020178, EPI_ISL_1020182, EPI_ISL_1020183, EPI_ISL_1020185, EPI_ISL_1020189, EPI_ISL_1020190, EPI_ISL_1020198, EPI_ISL_1020200, EPI_ISL_1020201, EPI_ISL_1020202	see above	Biosafety Level-3 Laboratory, Indonesian Institute of Sciences (LIPI)	Alfi T. Fathurahman; Andri Wardiana; Anik B. Dharmayanthi; Ari S. Wulandari; Asep M. Ridwanuloh; Eko Wahyu Putro; Idris; Indriawati; Isa Nuryana; Linda Sukmarini; Masrukhin; Ratih Asmana Ningrum; Ruby Setiawan; Sri Swasthikawati; Sugiyono Saputra; Syaiful Rizal; Syam Budi Iryanto
EPI_ISL_759702	RS UNS Surakarta	Universitas Sebelas Maret (UNS); Rumah sakit Universitas Sebelas Maret (RS-UNS) Surakarta, National Institute of Health Research and Development, Indonesian Ministry of Health	Aff Avicena Gufron; Arie Ardiansyah Nugraha; Betty Suryawati; Hartanti Dian Ika; Kartika; Vivi Setiawaty; Yulia sari; hartono; maryani
EPI_ISL_759701	RS UNS, Surakarta	UNS/RS-UNS, Faculty of Medicine	Aff Avicenna Gufron; Arie Ardiansyah Nugraha; Betty Suryawati; HanaHana Apsari Pawestri; Hartanti Dian Ika; Hartono; Kartika Dewi Puspa; Maryani; VIVI Setiawaty.; Yulia Sari
EPI_ISL_947278	RS Umum Ciputra Hospital Citragarden City	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Amin Soebandrio; Edison Johar; Frilasita A Yudhaputri; Hidayat Trimarsanto; Iskandar Adnan; Khin Saw Myint; Lydia V. Panggalo; Safarina G Malik; Sukma Oktavianthi; Willy Agustine
EPI_ISL_947275	RS Umum Mulia Pajajaran	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Amin Soebandrio; Edison Johar; Frilasita A Yudhaputri; Hidayat Trimarsanto; Iskandar Adnan; Khin Saw Myint; Lydia V. Panggalo; Safarina G Malik; Sukma Oktavianthi; Willy Agustine
EPI_ISL_806745	RSA Giulianova	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G
EPI_ISL_902737, EPI_ISL_902749, EPI_ISL_906050, EPI_ISL_906051, EPI_ISL_906052, EPI_ISL_985398	RSA UGM	Genetics Working Group (Pekja Genetik) Faculty of Medicine, Public Health and Nursing Universitas Gadjah Mada (FK-KMK UGM); Disease Investigation Center Wates Ministry of Agriculture Indonesia; Department of Microbiology FK-KMK UGM; Laboratorium Diagnostik Yayasan Tahja World Mosquito Program (WMP) Yogyakarta Center for Tropical Medicine FK-KMK UGM; Integrated Research center FK-KMK UGM; Department of Computer Science and Electronics FMIPA UGM	Aditya Rifqi Fauzi; Afiahayati; Alvin Santoso Kalim; Dwi AA Nugrahainingsih; Dwiki Afandy; Dyah Ayu Puspitarani; Edwin W. Daniwijaya; Eggi Arguni; Endah Supriyati; Fadil Fahri; Gunadi; Hendra Wibawa; Kemala Athollah; Kristy Iskandar; Ludhang P. Rizki; Marcellus; Maria Patricia Inggrani; Mohamad S. Hakim; Nungki Anggorowati; Siswanto; Susan Simanjaya; Titik Nuryastuti; Tri Wibawa; Untung Riawan; William Widitjjarso
EPI_ISL_759968	RSI Darus Syifa'	Institute of Tropical Disease, Universitas Airlangga	Aldise M Nastri; Gatot Soegiarto; HM Faiz; Jezzy R Dewantari; Kazufumi Shimizu; Krisnoadi Rahardjo; Laksmi Wulandari; Maria I Lusida; Resti Yudhawati; Rima R Prasetya; Soetjipto; Yasuko Mori
EPI_ISL_947284	RSIA Bunda Sejati	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Amin Soebandrio; Edison Johar; Frilasita A Yudhaputri; Hidayat Trimarsanto; Iskandar Adnan; Khin Saw Myint; Lydia V. Panggalo; Safarina G Malik; Sukma Oktavianthi; Willy Agustine
EPI_ISL_889021	RSIA Kenari Graha Medika	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Amin Soebandrio; Edison Johar; Frilasita A Yudhaputri; Hidayat Trimarsanto; Iskandar Adnan; Khin Saw Myint; Lydia V. Panggalo; Safarina G Malik; Sukma Oktavianthi; Willy Agustine
EPI_ISL_947287, EPI_ISL_947325	RSIA PKU Muhammadiyah	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Amin Soebandrio; Edison Johar; Frilasita A Yudhaputri; Hidayat Trimarsanto; Iskandar Adnan; Khin Saw Myint; Lydia V. Panggalo; Safarina G Malik; Sukma Oktavianthi; Willy Agustine
EPI_ISL_889019	RSIA Sayyidah	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Amin Soebandrio; Edison Johar; Frilasita A Yudhaputri; Hidayat Trimarsanto; Iskandar Adnan; Khin Saw Myint; Lydia V. Panggalo; Safarina G Malik; Sukma Oktavianthi; Willy Agustine
EPI_ISL_766038	RSJPD Harapan Kita	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Amin Soebandrio; David H Muljono; Edison Johar; Frilasita A Yudhaputri; Hidayat Trimarsanto; Khin Saw Myint; Safarina G Malik
EPI_ISL_947268	RSU Anggrek Mas	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Amin Soebandrio; Edison Johar; Frilasita A Yudhaputri; Hidayat Trimarsanto; Iskandar Adnan; Khin Saw Myint; Lydia V. Panggalo; Safarina G Malik; Sukma Oktavianthi; Willy Agustine
EPI_ISL_888997	RSU Asyasyiaa	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Amin Soebandrio; Edison Johar; Frilasita A Yudhaputri; Hidayat Trimarsanto; Iskandar Adnan; Khin Saw Myint; Lydia V. Panggalo; Safarina G Malik; Sukma Oktavianthi; Willy Agustine
EPI_ISL_889001	RSU Azra	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Amin Soebandrio; Edison Johar; Frilasita A Yudhaputri; Hidayat Trimarsanto; Iskandar Adnan; Khin Saw Myint; Lydia V. Panggalo; Safarina G Malik; Sukma Oktavianthi; Willy Agustine
EPI_ISL_888986	RSU Bhakti Kartini	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Amin Soebandrio; Edison Johar; Frilasita A Yudhaputri; Hidayat Trimarsanto; Iskandar Adnan; Khin Saw Myint; Lydia V. Panggalo; Safarina G Malik; Sukma Oktavianthi; Willy Agustine
EPI_ISL_947247, EPI_ISL_947312, EPI_ISL_947329, EPI_ISL_947330	RSU Bunda Mulia	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Amin Soebandrio; Edison Johar; Frilasita A Yudhaputri; Hidayat Trimarsanto; Iskandar Adnan; Khin Saw Myint; Lydia V. Panggalo; Safarina G Malik; Sukma Oktavianthi; Willy Agustine
EPI_ISL_888996	RSU Graha Juanda	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Amin Soebandrio; Edison Johar; Frilasita A Yudhaputri; Hidayat Trimarsanto; Iskandar Adnan; Khin Saw Myint; Lydia V. Panggalo; Safarina G Malik; Sukma Oktavianthi; Willy Agustine
EPI_ISL_889006, EPI_ISL_947315	RSU Harapan Bunda	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Amin Soebandrio; Edison Johar; Frilasita A Yudhaputri; Hidayat Trimarsanto; Iskandar Adnan; Khin Saw Myint; Lydia V. Panggalo; Safarina G Malik; Sukma Oktavianthi; Willy Agustine
EPI_ISL_888994	RSU MMC	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Amin Soebandrio; Edison Johar; Frilasita A Yudhaputri; Hidayat Trimarsanto; Iskandar Adnan; Khin Saw Myint; Lydia V. Panggalo; Safarina G Malik; Sukma Oktavianthi; Willy Agustine
EPI_ISL_889014, EPI_ISL_889018, EPI_ISL_947281	RSU Medika Dramaga	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Amin Soebandrio; Edison Johar; Frilasita A Yudhaputri; Hidayat Trimarsanto; Iskandar Adnan; Khin Saw Myint; Lydia V. Panggalo; Safarina G Malik; Sukma Oktavianthi; Willy Agustine
EPI_ISL_888993, EPI_ISL_947298, EPI_ISL_947317, EPI_ISL_947324	RSU Medirossa	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Amin Soebandrio; Edison Johar; Frilasita A Yudhaputri; Hidayat Trimarsanto; Iskandar Adnan; Khin Saw Myint; Lydia V. Panggalo; Safarina G Malik; Sukma Oktavianthi; Willy Agustine
EPI_ISL_947255	RSU Meilia	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Amin Soebandrio; Edison Johar; Frilasita A Yudhaputri; Hidayat Trimarsanto; Iskandar Adnan; Khin Saw Myint; Lydia V. Panggalo; Safarina G Malik; Sukma Oktavianthi; Willy Agustine
EPI_ISL_889011	RSU Permata Cibubur	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Amin Soebandrio; Edison Johar; Frilasita A Yudhaputri; Hidayat Trimarsanto; Iskandar Adnan; Khin Saw Myint; Lydia V. Panggalo; Safarina G Malik; Sukma Oktavianthi; Willy Agustine
EPI_ISL_833392	RSU Sayang Bunda, Makassar,Indonesia	Biosafety Level-3 Laboratory, Indonesian Institute of Sciences (LIPI)	Ade Andriani; Ahmad Fathoni; Andri Wardiana; Anggia Prasetyoputri; Anik Budhi Dharmayanthi; Dini Nurdiani; Isa Nuryana; Ratih Asmana Ningrum; Syam Budi Iryanto; Wahyuni
EPI_ISL_759703	RSUD Bung Karno	Universitas Sebelas Maret (UNS); Rumah sakit Universitas Sebelas Maret (RS-UNS) Surakarta, National Institute of Health Research and Development, Indonesian Ministry of Health	Aff Avicena Gufron; Arie Ardiansyah Nugraha; Betty Suryawati; Dewi Puspa; Hana Apsari Pawestri; Hartanti Dian Ika; Kartika; Vivi Setiawaty; Yulia sari; hartono; maryani
EPI_ISL_759705	RSUD Bung Karno, Surakarta	Universitas Sebelas Maret (UNS); Rumah Sakit Universitas Sebelas Maret (RS-UNS), Surakarta; National Institute of Health Research and Development, Indonesian Ministry of Health , Jakarta).	Aff Avicena Gufron; Arie Ardiansyah Nugraha; Betty Suryawati; Dewi Puspa; Hana Apsari Pawestri; Hartanti Dian Ika; Hartono; Kartika; Maryani; Vivi Setiawaty.; Yulia Sari
EPI_ISL_888998, EPI_ISL_889000, EPI_ISL_889007	RSUD Cileungsi	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Amin Soebandrio; Edison Johar; Frilasita A Yudhaputri; Hidayat Trimarsanto; Iskandar Adnan; Khin Saw Myint; Lydia V. Panggalo; Safarina G Malik; Sukma Oktavianthi; Willy Agustine
EPI_ISL_833040	RSUD Dr. Abdul Aziz Singkawang	National Institute of Health Research and Development	AA; HA; HD; HN; Ikawati; Junus; KD; KNA; N; Nugraha; Pangesti; Pawestri; Puspa; Puspandari; Setiawaty; Soekarso; Subangkit; T; V
EPI_ISL_759967	RSUD Dr. Iskak Tulungagung	Institute of Tropical Disease, Universitas Airlangga	Aldise M Nastri; Gatot Soegiarto; Jezzy R Dewantari; Kazufumi Shimizu; Krisnoadi Rahardjo; Laksmi Wulandari; Maria I Lusida; Resti Yudhawati; Rima R Prasetya; Soetjipto; Supriyanto Dharmoredjo; Yasuko Mori
EPI_ISL_956308, EPI_ISL_956310	RSUD Dr. M. Soewandhie	Institute of Tropical Disease, Universitas Airlangga	Aldise M Nastri; Febria Rachmanita; Gatot Soegiarto; Jezzy R Dewantari; Kazufumi Shimizu; Krisnoadi Rahardjo; Laksmi Wulandari; Maria I Lusida; Resti Yudhawati; Rima R Prasetya; Soetjipto; Yasuko Mori

EPI_ISL_1005695	RSUD Dr. Soedirman	Genetics Working Group (Pokja Genetik) Faculty of Medicine, Public Health and Nursing Universitas Gadjah Mada (FK-KMK UGM); Disease Investigation Center Wates Ministry of Agriculture Indonesia; Department of Microbiology FK-KMK UGM; Laboratorium Diagnostik Yayasan Tahija World Mosquito Program (WMP) Yogyakarta Center for Tropical Medicine FK-KMK UGM; Integrated Research Center FK-KMK UGM; Department of Computer Science and Electronics FMIPA UGM; Balai Besar Teknik Kesehatan Lingkungan dan Pengendalian Penyakit (BBTKLPP) Yogyakarta	Afhayahay; Arry Setyowati; Audric Kenny Tedja; Chusni Mubarakh; Dwi AA Nugrahaningsih; Edwin W. Daniwijaya; Eggi Arguni; Endah Supriyati; Gunadi; Havid Setyawan; Hendra Wibawa; Indaryati; Irene; Kristy Iskandar; Ludhang P. Rizki; Marcellus; Maria Patricia Inggriani; Mohamad S. Hakim; Nungki Anggorowati; Siswanto; Titik Nuryastuti; Tri Wibawa; Try Nirmala Sari	
EPI_ISL_759962, EPI_ISL_759965	RSUD Dr. Soetomo	Institute of Tropical Disease, Universitas Airlangga	Aldise M Nastri; Gatot Soegiarto; Jezzy R Dewantari; Joni Wahyuhadi; Kazufumi Shimizu; Krisnoadi Rahardjo; Laksmi Wulandari; Maria I Lusida; Resti Yudhawati; Rima R Prasetya; Soetjipto; Yasuko Mori	
EPI_ISL_985396, EPI_ISL_985397, EPI_ISL_1005696, EPI_ISL_1005697, EPI_ISL_1005698	RSUD Dr. Tjitrowardojo	Genetics Working Group (Pokja Genetik) Faculty of Medicine, Public Health and Nursing Universitas Gadjah Mada (FK-KMK UGM); Disease Investigation Center Wates Ministry of Agriculture Indonesia; Department of Microbiology FK-KMK UGM; Laboratorium Diagnostik Yayasan Tahija World Mosquito Program (WMP) Yogyakarta Center for Tropical Medicine FK-KMK UGM; Integrated Research Center FK-KMK UGM; Department of Computer Science and Electronics FMIPA UGM; Balai Besar Teknik Kesehatan Lingkungan dan Pengendalian Penyakit (BBTKLPP) Yogyakarta	Aditya Rifqi Fauzi; Afiahayah; Alvin Santoso Kalim; Arry Setyowati; Chusni Mubarakh; Dwi AA Nugrahaningsih; Dwiki afandy; Dyah Ayu Puspitarani; Edwin W. Daniwijaya; Eggi Arguni; Endah Supriyati; Fadil Fahri; Gunadi; Havid Setyawan; Hendra Wibawa; Irene; Kemala Athollah; Kristy Iskandar; Ludhang P. Rizki; Marcellus; Mohamad S. Hakim; Nungki Anggorowati; Siswanto; Susan Simanjaya; Titik Nuryastuti; Tri Wibawa; Try Nirmala Sari; Untung Riawan; William Widiitjarso	
EPI_ISL_763068	RSUD Kota Surakarta	Universitas Sebelas Maret (UNS); Rumah Sakit UNS (RS-UNS); National Institute of Health Research and Development, Indonesian Ministry of Health.	Afif A Ghufron; Arie A Nugraha; Betty Suryawati.; Dewi Puspa; Hana A Pawestri; Hartanti Dian Ika; Hartono; Kartika; Maryani; Revi G H Novika; Vivi Setiawaty; Yulia Sari	
EPI_ISL_759963, EPI_ISL_759966, EPI_ISL_956274, EPI_ISL_956309	RSUD Sidoarjo	Institute of Tropical Disease, Universitas Airlangga	Aldise M Nastri; Atok Irawan; Gatot Soegiarto; Jezzy R Dewantari; Kazufumi Shimizu; Krisnoadi Rahardjo; Laksmi Wulandari; Maria I Lusida; Resti Yudhawati; Rima R Prasetya; Soetjipto; Yasuko Mori	
EPI_ISL_753699	RSUD Ulin Banjarmasin Kalimantan Selatan	National Institute of Health Research and Development	AA; HA; HD; Ikawati; KD; KNA; M; N; Nugraha; Pangesti; Pasaribu; Pawestri; Puspa; Puspandari; Setiawaty; Soekarso; Subangkit; T; V	
EPI_ISL_766032	RSUP Dr. Sardjito	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Amin Soebandrio; David H Muljono; Edison Johar; Filisita A Yudhaputri; Hidayat Trimarsanto; Khin Saw Myint; Safarina G Malik	
EPI_ISL_862039, EPI_ISL_862040, EPI_ISL_862041, EPI_ISL_872188, EPI_ISL_872189, EPI_ISL_872190, EPI_ISL_885142	see above	RSUP Dr. Sardjito	Marcellus; Aditya Rifqi Fauzi; Afiahayah; Alvin S. Kalim; Alvin Santoso Kalim; Audric Kenny Tedja; Bambang Sigit Riyanto; Dwi AA Nugrahaningsih; Dwiki afandy; Dyah Ayu Puspitarani; Edwin W. Daniwijaya; Eggi Arguni; Eko Budiono; Endah Supriyati; Fadil Fahri; Gunadi; Hendra Wibawa; Heni Retnowulan; Ika Trisnawati; Ika Puspitawati; Kemala Athollah; Kristy Iskandar; Ludhang P. Rizki; Maria Patricia Inggriani; Mohamad S. Hakim; Munawar Gani; Nungki Anggorowati; Nur Imma Fatimah Harahap; Nur Rahmi Ananda; Osman Sanipar; Riati El Khair; Satria Maulana; Siswanto; Sumardi; Susan Simanjaya; Titik Nuryastuti; Tri Wibawa; Umi Solekha Intansari; Untung Riawan; William Widiitjarso; Yunkia Puspandari; Elizabeth Henry Herringtiyas	
EPI_ISL_766044	RSUP Fatmawati	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Amin Soebandrio; David H Muljono; Edison Johar; Filisita A Yudhaputri; Hidayat Trimarsanto; Khin Saw Myint; Safarina G Malik	
EPI_ISL_984264	RSUPN Dr. Cipto Mangunkusumo	National Institute of Health Research and Development	Arie Ardiansyah Nugraha; Dewi Wulandari; Hana Apsari Pawestri; Hartanti Dian Ikawati; Kartika Dewi Puspa; Krisna Nur Andriana Pangesti; Nelly Puspandari; Nuri Dyah Indrasari; Subangkit; Vivi Setiawaty	
EPI_ISL_953963, EPI_ISL_954013, EPI_ISL_954034, EPI_ISL_954039, EPI_ISL_954042, EPI_ISL_954053, EPI_ISL_954082, EPI_ISL_954083, EPI_ISL_954084, EPI_ISL_995473	see above	Recherche	Angela Brisebarre; Camille Capel; Etienne Simon-Lorière; Leruez-Ville Marianne; Marion Barbet; Maud Vanpeene; Méline Bizard; Sylvie Behillili; Sylvie van der Werf; Vincent Enouf	
EPI_ISL_1096236, EPI_ISL_1096237, EPI_ISL_1096238, EPI_ISL_1096239, EPI_ISL_1096240, EPI_ISL_1096241, EPI_ISL_1096263, EPI_ISL_1096267, EPI_ISL_1096274, EPI_ISL_1096321, EPI_ISL_1096322, EPI_ISL_1096323, EPI_ISL_1096324, EPI_ISL_1096325, EPI_ISL_1096326, EPI_ISL_1096327, EPI_ISL_1096328, EPI_ISL_1096329, EPI_ISL_1096330, EPI_ISL_1096331, EPI_ISL_1096332, EPI_ISL_1096333	see above	Research	Angela Brisebarre; Camille Capel; Etienne Simon-Lorière; Leruez-Ville Marianne; Marion Barbet; Maud Vanpeene; Méline Bizard; Sylvie Behillili; Sylvie van der Werf; Vincent Enouf	
EPI_ISL_1048373	Rumah Sakit Umum Pusat Dr. Kariadi Semarang	National Institute of Health Research and Development	Arie Ardiansyah Nugraha; Hana Apsari Pawestri; Hartanti Dian Ikawati; Iva Puspitasari; Kartika Dewi Puspa; Krisna Nur Andriana Pangesti; Nelly Puspandari; Subangkit; Vivi Setiawaty.	
EPI_ISL_759842	Rumah Sakit Universitas Sebelas Maret (RS-UNS)	Universitas Sebelas Maret (UNS); Rumah Sakit Universitas Sebelas Maret (RS-UNS); Surakarta; National Institute of Health Research and Development, Indonesian Ministry of Health, Jakarta.	Afif Avicena Ghufron; Arie Ardiansyah Nugraha; Betty Suryawati; Dewi Puspa; Hana Apsari Pawestri; Hartanti Dian Ika; Hartono; Kartika; Maryani; Vivi Setiawaty.; Yulia Sari	
EPI_ISL_1064168	Rwanda National Reference Laboratory	Rwanda National Reference Laboratory	Enatha Mukantwari; Umuringa Jeanne d'Arc	
EPI_ISL_984997, EPI_ISL_984998, EPI_ISL_985001, EPI_ISL_985002, EPI_ISL_985003, EPI_ISL_985004, EPI_ISL_985005, EPI_ISL_985006, EPI_ISL_985007, EPI_ISL_985008, EPI_ISL_985009, EPI_ISL_985010, EPI_ISL_985011, EPI_ISL_985012, EPI_ISL_985013, EPI_ISL_985014, EPI_ISL_985015, EPI_ISL_985016	see above	S.C. Laboratorio Analisi, ASL 3 Liguria	Bruzzone Bianca; Caligiuri Patrizia; De Pace Vanessa; Domnich Alexander; Icardi Giancarlo; Orsi Andrea; Ricucci Valentina; Spitaleri Antonino	
EPI_ISL_985017	S.C. Patologia Clinica, Ospedale Sant'Andrea, ASL 5	U.O. Igien. Ospedale Policlinico San Martino	Battolla Enrico; Bruzzone Bianca; Caligiuri Patrizia; De Pace Vanessa; Domnich Alexander; Icardi Giancarlo; Orsi Andrea; Ricucci Valentina	
EPI_ISL_857395	S.M.S.Medical College, Jaipur, Rajasthan	S.M.S.Medical College, Jaipur, Rajasthan	Dr. Bharti Malhotra; Dr. Swati Gautam	
EPI_ISL_985025, EPI_ISL_985026	S.S.D. Microbiologia, Ospedale Santa Corona di Pietra Ligure, ASL 2 Liguria	U.O. Igien. Ospedale Policlinico San Martino	Bruzzone Bianca; Caligiuri Patrizia; De Pace Vanessa; Domnich Alexander; Icardi Giancarlo; Orsi Andrea; Ricucci Valentina; Valle Caterina	
EPI_ISL_985018, EPI_ISL_985019, EPI_ISL_985020, EPI_ISL_985021, EPI_ISL_985022, EPI_ISL_985023, EPI_ISL_985024	see above	S.S.D. Microbiologia, Stabilimento ospedaliero di Sanremo, ASL 1 Liguria	Bruzzone Bianca; Caligiuri Patrizia; De Pace Vanessa; Domnich Alexander; Dusi Pier Andrea; Icardi Giancarlo; Orsi Andrea; Ricucci Valentina	
EPI_ISL_882635	SC (UCO) Igiene e Sanità Pubblica (funzione integrata con SC Microbiologia e Virologia) e Laboratory of Molecular Virology of the International Centre for Genetic Engineering and Biotechnology (ICGEB)	ARGO Laboratorio Genomica ed Epigenomica	D'Agaro P; Dal Monego S; Degasperi M; Licastro D; Marcello A	
EPI_ISL_804038, EPI_ISL_804040, EPI_ISL_804041, EPI_ISL_804042, EPI_ISL_804044, EPI_ISL_804048, EPI_ISL_804050, EPI_ISL_804051, EPI_ISL_804052, EPI_ISL_833435, EPI_ISL_833436, EPI_ISL_833437, EPI_ISL_833438, EPI_ISL_833439, EPI_ISL_833440, EPI_ISL_833441, EPI_ISL_833442, EPI_ISL_833443, EPI_ISL_833444, EPI_ISL_833445, EPI_ISL_833446, EPI_ISL_833447, EPI_ISL_833448, EPI_ISL_833449, EPI_ISL_833450, EPI_ISL_833451, EPI_ISL_833452, EPI_ISL_833453, EPI_ISL_833454, EPI_ISL_833455, EPI_ISL_882636, EPI_ISL_902926, EPI_ISL_977604, EPI_ISL_977605, EPI_ISL_977606, EPI_ISL_977607, EPI_ISL_977608, EPI_ISL_977609, EPI_ISL_977610, EPI_ISL_977612, EPI_ISL_977613, EPI_ISL_977614, EPI_ISL_977615, EPI_ISL_977616, EPI_ISL_977617, EPI_ISL_977618, EPI_ISL_977619, EPI_ISL_977620, EPI_ISL_977621, EPI_ISL_977622, EPI_ISL_977623, EPI_ISL_977624, EPI_ISL_977626, EPI_ISL_977627, EPI_ISL_977628, EPI_ISL_977629, EPI_ISL_977630, EPI_ISL_977631, EPI_ISL_977632, EPI_ISL_977633, EPI_ISL_977634, EPI_ISL_977635, EPI_ISL_977636, EPI_ISL_977637, EPI_ISL_977638, EPI_ISL_977639, EPI_ISL_977640, EPI_ISL_977641, EPI_ISL_977642, EPI_ISL_977643, EPI_ISL_977644, EPI_ISL_977645, EPI_ISL_977646, EPI_ISL_977647, EPI_ISL_977648, EPI_ISL_977649, EPI_ISL_977650	see above	SC (UCO) Igiene e Sanità Pubblica (funzione integrata con SC Microbiologia e Virologia) e Laboratory of Molecular Virology of the International Centre for Genetic Engineering and Biotechnology (ICGEB)	ARGO Laboratorio Genomica ed Epigenomica	D'Agaro P; Dal Monego S; De Rosa R; Degasperi M; Licastro D; Lombardo F; Marcello A; Pipan C; Piscianz E; Segat L
EPI_ISL_1036153, EPI_ISL_1036206	SIESP AQ	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marccacci M; Puglia I; Rinaldi A; Savini G; Scialabba S	
EPI_ISL_1036146, EPI_ISL_1036150, EPI_ISL_1036163, EPI_ISL_1036164, EPI_ISL_1036166, EPI_ISL_1036167, EPI_ISL_1036170, EPI_ISL_1036171, EPI_ISL_1036173, EPI_ISL_1036174, EPI_ISL_1036175, EPI_ISL_1036176, EPI_ISL_1036182, EPI_ISL_1036190, EPI_ISL_1036193, EPI_ISL_1036194, EPI_ISL_1036195, EPI_ISL_1036196, EPI_ISL_1036197, EPI_ISL_1036199, EPI_ISL_1036200, EPI_ISL_1036201, EPI_ISL_1036203, EPI_ISL_1036204	see above	SIESP CH	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marccacci M; Puglia I; Rinaldi A; Savini G; Scialabba S
EPI_ISL_1036179	SIESP CH DISTRETTO SANITARIO CHIETI	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marccacci M; Puglia I; Rinaldi A; Savini G; Scialabba S	
EPI_ISL_935156, EPI_ISL_935158, EPI_ISL_935159, EPI_ISL_935161, EPI_ISL_935162, EPI_ISL_935165, EPI_ISL_935166, EPI_ISL_935167, EPI_ISL_935168, EPI_ISL_935169, EPI_ISL_935971, EPI_ISL_935972, EPI_ISL_965240, EPI_ISL_965247, EPI_ISL_965248, EPI_ISL_965249, EPI_ISL_965250, EPI_ISL_965251, EPI_ISL_965252, EPI_ISL_965253, EPI_ISL_965261, EPI_ISL_965266, EPI_ISL_965270, EPI_ISL_965272, EPI_ISL_1058041	see above	SIESP CHIETI	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marccacci M; Puglia I; Rinaldi A; Savini G; Scialabba S
EPI_ISL_806804, EPI_ISL_806805	SIESP CHIETI - DISTRETTO SANITARIO CHIETI	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marccacci M; Puglia I; Rinaldi A; Savini G	
EPI_ISL_832821, EPI_ISL_833232	SIESP CHIETI - DRIVE IN CHIETI	Istitituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G.Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marccacci M; Puglia I; Rinaldi A; Savini G.	
EPI_ISL_806733, EPI_ISL_833044, EPI_ISL_833090, EPI_ISL_833091, EPI_ISL_833092, EPI_ISL_833093, EPI_ISL_833094, EPI_ISL_833095, EPI_ISL_833096, EPI_ISL_833317, EPI_ISL_833318, EPI_ISL_833323, EPI_ISL_918267, EPI_ISL_961018, EPI_ISL_961021, EPI_ISL_961022, EPI_ISL_961023, EPI_ISL_961024, EPI_ISL_961025, EPI_ISL_961026, EPI_ISL_961028, EPI_ISL_961029, EPI_ISL_961030, EPI_ISL_961031, EPI_ISL_961034, EPI_ISL_961035, EPI_ISL_961037, EPI_ISL_961038, EPI_ISL_961039, EPI_ISL_961040, EPI_ISL_961041, EPI_ISL_961043, EPI_ISL_961047, EPI_ISL_961057, EPI_ISL_961058, EPI_ISL_961059, EPI_ISL_961060, EPI_ISL_961062, EPI_ISL_961069, EPI_ISL_961071, EPI_ISL_961072, EPI_ISL_961073, EPI_ISL_961081, EPI_ISL_961086, EPI_ISL_961090, EPI_ISL_961091, EPI_ISL_961092, EPI_ISL_961674, EPI_ISL_961675, EPI_ISL_961676, EPI_ISL_961677, EPI_ISL_961679, EPI_ISL_961680, EPI_ISL_961681, EPI_ISL_961682, EPI_ISL_961684, EPI_ISL_961689, EPI_ISL_961690, EPI_ISL_961694, EPI_ISL_961697, EPI_ISL_961698, EPI_ISL_961700, EPI_ISL_961702, EPI_ISL_961706, EPI_ISL_961709, EPI_ISL_961710, EPI_ISL_961711, EPI_ISL_961714, EPI_ISL_961717, EPI_ISL_961726, EPI_ISL_961727, EPI_ISL_961729, EPI_ISL_961731, EPI_ISL_961732, EPI_ISL_961735, EPI_ISL_961736, EPI_ISL_961740, EPI_ISL_961742, EPI_ISL_961746, EPI_ISL_965227, EPI_ISL_965228, EPI_ISL_965229, EPI_ISL_965232, EPI_ISL_965233, EPI_ISL_965236, EPI_ISL_965237, EPI_ISL_965238, EPI_ISL_965239, EPI_ISL_965254, EPI_ISL_965255, EPI_ISL_965265, EPI_ISL_1058030, EPI_ISL_1058043	see above	SIESP CHIETI - DRIVE IN CHIETI	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Delli Compagni E; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marccacci M; Puglia I; Rinaldi A; Savini G; Scialabba S
EPI_ISL_806800, EPI_ISL_806801, EPI_ISL_806802, EPI_ISL_806803, EPI_ISL_833271, EPI_ISL_833316	see above	SIESP CHIETI - DRIVE IN GISSI	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marccacci M; Puglia I; Rinaldi A; Savini G
EPI_ISL_832815, EPI_ISL_832816, EPI_ISL_832822, EPI_ISL_833231, EPI_ISL_833242	SIESP CHIETI - DRIVE IN LANCIANO	Istitituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G.Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marccacci M; Puglia I; Rinaldi A; Savini G.	
EPI_ISL_806734, EPI_ISL_806775, EPI_ISL_806776, EPI_ISL_806799, EPI_ISL_833049, EPI_ISL_833097, EPI_ISL_833098, EPI_ISL_833292, EPI_ISL_833293, EPI_ISL_833294, EPI_ISL_833298, EPI_ISL_833300, EPI_ISL_833313, EPI_ISL_833314, EPI_ISL_833315, EPI_ISL_918270, EPI_ISL_961066	see above	SIESP CHIETI - DRIVE IN LANCIANO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Delli Compagni E; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marccacci M; Puglia I; Rinaldi A; Savini G; Scialabba S
EPI_ISL_806762, EPI_ISL_806791, EPI_ISL_806792, EPI_ISL_806793, EPI_ISL_806794, EPI_ISL_806795, EPI_ISL_806796, EPI_ISL_806797, EPI_ISL_806798, EPI_ISL_833045, EPI_ISL_833099, EPI_ISL_833100, EPI_ISL_833250, EPI_ISL_833270, EPI_ISL_833272, EPI_ISL_833273, EPI_ISL_833274, EPI_ISL_833275, EPI_ISL_833284, EPI_ISL_833285, EPI_ISL_833286, EPI_ISL_833287, EPI_ISL_833306, EPI_ISL_833307,	see above	SIESP CHIETI - DRIVE IN LANCIANO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Delli Compagni E; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marccacci M; Puglia I; Rinaldi A; Savini G; Scialabba S

EPI_ISL_833308, EPI_ISL_833309, EPI_ISL_833310, EPI_ISL_833328, EPI_ISL_833329, EPI_ISL_833330, EPI_ISL_833332, EPI_ISL_833333, EPI_ISL_833334, EPI_ISL_833335, EPI_ISL_833336, EPI_ISL_833337, EPI_ISL_833338, EPI_ISL_833339, EPI_ISL_833340, EPI_ISL_833341, EPI_ISL_833342, EPI_ISL_833343, EPI_ISL_833344, EPI_ISL_833345, EPI_ISL_833346, EPI_ISL_833347, EPI_ISL_833348, EPI_ISL_833349, EPI_ISL_833350, EPI_ISL_833351, EPI_ISL_833352, EPI_ISL_833353, EPI_ISL_833354, EPI_ISL_833355, EPI_ISL_833356, EPI_ISL_833357, EPI_ISL_833358, EPI_ISL_833359, EPI_ISL_833360, EPI_ISL_833361, EPI_ISL_833362, EPI_ISL_833363, EPI_ISL_833364, EPI_ISL_833365, EPI_ISL_833366, EPI_ISL_833367, EPI_ISL_833368, EPI_ISL_833369, EPI_ISL_833370, EPI_ISL_833371, EPI_ISL_833372, EPI_ISL_833373, EPI_ISL_833374, EPI_ISL_833375, EPI_ISL_833376, EPI_ISL_833377, EPI_ISL_833378, EPI_ISL_833379, EPI_ISL_833380, EPI_ISL_833381, EPI_ISL_833382, EPI_ISL_833383, EPI_ISL_833384, EPI_ISL_833385, EPI_ISL_833386, EPI_ISL_833387	see above	SIESP CHIETI - DRIVE IN ORTONA	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Delli Compagni E; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G; Scialabba S
EPI_ISL_961725, EPI_ISL_961743, EPI_ISL_961745		SIESP CHIETI DRIVE IN GISSI	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G; Scialabba S
EPI_ISL_961673, EPI_ISL_961712, EPI_ISL_961713, EPI_ISL_961723, EPI_ISL_961738, EPI_ISL_961739, EPI_ISL_961748, EPI_ISL_1058040				
	see above	SIESP CHIETI DRIVE IN LANCIANO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G; Scialabba S
EPI_ISL_965262, EPI_ISL_965268, EPI_ISL_965269, EPI_ISL_965271, EPI_ISL_965273, EPI_ISL_965274, EPI_ISL_965275				
	see above	SIESP CHIETI, DISTRETTO SAN CHIETI	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G; Scialabba S
EPI_ISL_965267		SIESP CHIETI, DISTRETTON SAN CHIETI	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G; Scialabba S
EPI_ISL_833278, EPI_ISL_833279, EPI_ISL_833280, EPI_ISL_833311, EPI_ISL_833312		SIESP CHIETI- DRIVE IN CHIETI	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G
EPI_ISL_961737, EPI_ISL_961741		SIESP CHIETI- DRIVE IN VASTO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G; Scialabba S
EPI_ISL_883290, EPI_ISL_883300, EPI_ISL_918264		SIESP CHIETI-DRIVE IN CHIETI	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G; Scialabba S
EPI_ISL_965257, EPI_ISL_965260		SIESP CHIETI-DRIVE IN GISSI	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G; Scialabba S
EPI_ISL_883293		SIESP CHIETI-DRIVE IN LANCIANO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G; Scialabba S
EPI_ISL_883288, EPI_ISL_883289, EPI_ISL_883292, EPI_ISL_883296, EPI_ISL_935157, EPI_ISL_935160, EPI_ISL_935163, EPI_ISL_935164, EPI_ISL_965243, EPI_ISL_965244, EPI_ISL_965263				
	see above	SIESP CHIETI-DRIVE IN ORTONA	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G; Scialabba S
EPI_ISL_961027, EPI_ISL_965256, EPI_ISL_965258, EPI_ISL_965259		SIESP CHIETI-DRIVE IN VASTO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G; Scialabba S
EPI_ISL_918266		SIESP CHIETI-Drive in Lanciano	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G; Scialabba S
EPI_ISL_1036147, EPI_ISL_1036156, EPI_ISL_1036177, EPI_ISL_1036185, EPI_ISL_1036209		SIESP DIP PREV CHIETI	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G; Scialabba S
EPI_ISL_883286, EPI_ISL_883287, EPI_ISL_883298, EPI_ISL_883299, EPI_ISL_883303, EPI_ISL_883304, EPI_ISL_883305, EPI_ISL_918263				
	see above	SIESP DIPARTIMENTO DI PREVENZIONE CHIE	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G; Scialabba S
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EPI_ISL_806731, EPI_ISL_806732, EPI_ISL_806806, EPI_ISL_833043, EPI_ISL_833101, EPI_ISL_833102, EPI_ISL_833262, EPI_ISL_833263, EPI_ISL_833264, EPI_ISL_833299, EPI_ISL_833321, EPI_ISL_833324, EPI_ISL_833326, EPI_ISL_918271, EPI_ISL_961032, EPI_ISL_961050, EPI_ISL_961051, EPI_ISL_961052, EPI_ISL_961053, EPI_ISL_961054, EPI_ISL_961063, EPI_ISL_961067, EPI_ISL_961068, EPI_ISL_961070, EPI_ISL_961075, EPI_ISL_961087, EPI_ISL_961088, EPI_ISL_961089, EPI_ISL_961685, EPI_ISL_961695, EPI_ISL_961703, EPI_ISL_961707, EPI_ISL_961708, EPI_ISL_961728, EPI_ISL_961749, EPI_ISL_961751, EPI_ISL_1055817				
	see above	SIESP DIPARTIMENTO DI PREVENZIONE CHIETI	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Delli Compagni E; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G; Scialabba S
EPI_ISL_806790, EPI_ISL_833291		SIESP DIPARTIMENTO DI PREVENZIONE DELL'AQUILA	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G
EPI_ISL_832819		SIESP DIPARTIMENTO DI PREVENZIONE SULMONA	Istitituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G.Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G
EPI_ISL_806749, EPI_ISL_806750, EPI_ISL_806751, EPI_ISL_806752, EPI_ISL_806753, EPI_ISL_806754, EPI_ISL_806755, EPI_ISL_806756, EPI_ISL_806757, EPI_ISL_833319, EPI_ISL_833320, EPI_ISL_833322, EPI_ISL_1055819				
	see above	SIESP DIPARTIMENTO DI PREVENZIONE SULMONA	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Delli Compagni E; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G; Scialabba S
EPI_ISL_832817, EPI_ISL_833239, EPI_ISL_833240		SIESP DIPARTIMENTO DI PREVENZIONE TERAMO	Istitituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G.Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G
EPI_ISL_806735, EPI_ISL_806736, EPI_ISL_806737, EPI_ISL_806738, EPI_ISL_806739, EPI_ISL_806740, EPI_ISL_806741, EPI_ISL_806742, EPI_ISL_806743, EPI_ISL_806744, EPI_ISL_806746, EPI_ISL_806747, EPI_ISL_806748, EPI_ISL_806766, EPI_ISL_806767, EPI_ISL_806768, EPI_ISL_806769, EPI_ISL_806770, EPI_ISL_806771, EPI_ISL_806772, EPI_ISL_806777, EPI_ISL_806778, EPI_ISL_806779, EPI_ISL_806780, EPI_ISL_806786, EPI_ISL_806787, EPI_ISL_806788, EPI_ISL_833258, EPI_ISL_833259, EPI_ISL_833281, EPI_ISL_833282, EPI_ISL_833295, EPI_ISL_833302, EPI_ISL_833303, EPI_ISL_833304, EPI_ISL_833305, EPI_ISL_918269				
	see above	SIESP DIPARTIMENTO DI PREVENZIONE TERAMO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G; Scialabba S
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	see above	SIESP DIPARTIMENTO DI PREVENZIONE TERAMO C.DA CASALENA	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Delli Compagni E; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G
EPI_ISL_833119, EPI_ISL_875566, EPI_ISL_875567, EPI_ISL_875568, EPI_ISL_961096		SIESP L'AQUILA	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Delli Compagni E; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G; Scialabba S
EPI_ISL_1036141, EPI_ISL_1036144, EPI_ISL_1036145, EPI_ISL_1036160, EPI_ISL_1036178, EPI_ISL_1036183, EPI_ISL_1036184, EPI_ISL_1036191				
	see above	SIESP SULM	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G; Scialabba S
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	see above	SIESP SULMONA	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Delli Compagni E; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G; Scialabba S
EPI_ISL_961042, EPI_ISL_961077, EPI_ISL_961084, EPI_ISL_961097, EPI_ISL_961098, EPI_ISL_961099, EPI_ISL_961100, EPI_ISL_961101, EPI_ISL_961102, EPI_ISL_961103, EPI_ISL_961678, EPI_ISL_961683, EPI_ISL_961688, EPI_ISL_1036140, EPI_ISL_1036154, EPI_ISL_1036155, EPI_ISL_1036157, EPI_ISL_1036162, EPI_ISL_1036165, EPI_ISL_1036168, EPI_ISL_1036169, EPI_ISL_1036172, EPI_ISL_1036180, EPI_ISL_1036181, EPI_ISL_1036187, EPI_ISL_1036192, EPI_ISL_1036202, EPI_ISL_1036207, EPI_ISL_1036208, EPI_ISL_1036210, EPI_ISL_1036212, EPI_ISL_1036213, EPI_ISL_1036214, EPI_ISL_1036215, EPI_ISL_1036216, EPI_ISL_1036218, EPI_ISL_1036219, EPI_ISL_1036220, EPI_ISL_1036222				
	see above	SIESP TERAMO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G; Scialabba S
EPI_ISL_965230, EPI_ISL_965235		SIESP TERAMO DIP PREV	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G; Scialabba S
EPI_ISL_849647, EPI_ISL_849648, EPI_ISL_849649		SIESP- DRIVE IN CHIETI	Istitituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G.Caporale"	Ancora M; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G
EPI_ISL_794746, EPI_ISL_794748		SISP ASL BA AREA SUD	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Bianco A.; Capozzi L.; Cipolletta D.; Del Sambre L.; Galante D.; Manzulli V; Pace L.; Parisi A.; Rondinone V.
EPI_ISL_891152, EPI_ISL_891213, EPI_ISL_891214, EPI_ISL_891219		SMS Medical College Jaipur	SMS Medical College Jaipur	Bharti Malhotra; Himanshu Sharma; Neha Bhomia; Nivedita Gupta; Pragya Yadav; Pratibha Sharma; Swati Gautam; Varsha Potdar
EPI_ISL_891207, EPI_ISL_891211		SMS Medical College Jaipur	SMS Medical College Jaipur	Bharti Malhotra; Himanshu Sharma; Neha Bhomia; Nivedita Gupta; Pragya Yadav; Pratibha Sharma; Swati Gautam; Varsha Potdar
EPI_ISL_891210, EPI_ISL_845627		SMS Medical College Jaipur SYNLAB COLOMBIA S.A.S	SMS Medical College Jaipur Instituto Nacional de Salud - Dirección de Investigación en Salud Pública	Bharti Malhotra; Himanshu Sharma; Neha Bhomia; Nivedita Gupta; Pragya Yadav; Pratibha Sharma; Swati Gautam; Varsha Potdar Carlos Franco-Muñoz; Diego A. Álvarez-Díaz; Diego Andrés Prada; Gerardo Santamaría; Jonathan Reales; Julian Naizaque; Katherine Laiton-Donato; Magdalena Wiesner; Marcela Mercado-Reyes; Maria T. Herrera-Sepúlveda; Martha Lucia Ospina Martinez; Mauricio Pacheco-Montealegre; Paola Muñoz-Laiton; Sheryll Corchuelo
EPI_ISL_794666, EPI_ISL_794667		SYNLAB REGIONAL NOROCCIDENTE	Instituto Nacional de Salud - Dirección de Investigación en Salud Pública	Carlos Franco-Muñoz; Diego A. Álvarez-Díaz; Diego Andrés Prada; Gerardo Santamaría; Jonathan Reales; Julian Naizaque; Katherine Laiton-Donato; Magdalena Wiesner; Marcela Mercado-Reyes; Maria T. Herrera; Martha Lucia Ospina Martinez; Mauricio Pacheco-Montealegre; Paola Muñoz-Laiton; Sheryll Corchuelo
EPI_ISL_862861, EPI_ISL_862862		Sagamihara Kyodo Hospital	Fujita health University, School of Medicine, Department of Microbiology	Masashiroy suzuki; Yohei Doi



EPI_ISL_862869, EPI_ISL_862870	Saiseikai Niigata Hospital	Fujita health University, School of Medicine, Department of Microbiology	Masahiro Suzuki; Yohei Doi
EPI_ISL_883155 EPI_ISL_754239	San Donato Arezzo Analysis Laboratory - Clinical Molecular Pathology sector Santosa Hospital Bandung Central	San Donato Arezzo Analysis Laboratory - Clinical Molecular Pathology sector "School of Life Sciences and Technology & School of Pharmacy-Institut Teknologi Bandung; Molecular Genetics Laboratory-Faculty of Medicine-Universitas Padjadjaran; Laboratorium Kesehatan Provinsi Jawa Barat"	Alessandro Pancrazzi and Alice Moncada Agung Eru Wibowo; Azzania Fibriani; Catur Riani; Cut Nur Cinthia Alamanda; Ema Rahmawati; Hammam Riza; Hesti Lina Wiraswati; Husna Nugrahapraja; Irvan Faizal; Karimatu Khoirunnisa; Lia Faridah; Marselina Irasonia Tan; Miftahul Faridi; Rifky Waluyajati Rachman; Ryan Bayusantika Ristandi; Savira Ekawardhani; Soni Solistia Wirawan; Tarwadi; Yulia Sribudiani
EPI_ISL_936495	Sarawak General Hospital	Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia	Azizan MA; Kamel K; Suppiah J; Thayan R
EPI_ISL_906074 EPI_ISL_882658 EPI_ISL_1040823 EPI_ISL_833164 EPI_ISL_832128, EPI_ISL_832129	Searom Laboratorio Diagnostico Secretaria Municipal de Saude Secretaria Municipal de Saude de Piracaea Secretaria Municipal de Saude de Santa Barbara d'oeste	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valesa Ramos Gomes; Karoline Rodrigues Campos Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valesa Ramos Gomes; Karoline Rodrigues Campos Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valesa Ramos Gomes; Karoline Rodrigues Campos Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valesa Ramos Gomes; Karoline Rodrigues Campos
EPI_ISL_940996, EPI_ISL_1013241	Sentinelles IdF	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Angela Brisebarre; Camille Capel; Claire Watermez; Etienne Simon-Lorière; Marion Barbet; Maud Vanpeene; Méline Bizard; Patricia Lefebure; Sylvie Behillili; Sylvie van der Werf; Vincent Enouf
EPI_ISL_832167, EPI_ISL_832168	Sentinelles IdF	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Angela Brisebarre; Camille Capel; Etienne Simon-Lorière; Garrigues Anne; Marion Barbet; Maud Vanpeene; Méline Bizard; Sylvie Behillili; Sylvie van der Werf; Vincent Enouf; Watremez Claire
EPI_ISL_1013222, EPI_ISL_1013223	Sentinelles Province	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Angela Brisebarre; Camille Capel; Denis Calvet; Etienne Simon-Lorière; Jean-Michel Monnier; Marion Barbet; Maud Vanpeene; Méline Bizard; Sylvie Behillili; Sylvie van der Werf; Vincent Enouf
EPI_ISL_912579	Service Biologie	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Angela Brisebarre; Camille Capel; Etienne Simon-Lorière; Marion Barbet; Marq
EPI_ISL_954788, EPI_ISL_965912, EPI_ISL_965916, EPI_ISL_965920, EPI_ISL_965922, EPI_ISL_965924, EPI_ISL_965925, EPI_ISL_965927, EPI_ISL_965931, EPI_ISL_965953, EPI_ISL_965954, EPI_ISL_965960, EPI_ISL_977597	Service Biologie -CH de Versailles	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Angela Brisebarre; Camille Capel; Etienne Simon-Lorière; Marion Barbet; Marq
see above	Servicio Murciano de Salud	Instituto de Salud Carlos III	A. Monzón; F. Casas; I. Blázquez, A.; I. Jiménez; Iglesias-Caballero; M. Camarero; M. Sardonis; P. Zaballos; S. Camarero; S. Cuesta; S. Iglesias-Caballero; S. Pozo; S. Sardonis; S. Varona; Sardonis; V. Camarero; V. Vázquez; Vázquez
EPI_ISL_849654, EPI_ISL_849656, EPI_ISL_849657, EPI_ISL_849658, EPI_ISL_849659, EPI_ISL_849660, EPI_ISL_849661	Servizio Igiene Epidemiologia e Sanità Pubblica (SIESP)-L'Aquila	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G.Caporale"	Ancora M; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marccacci M; Puglia I; Rinaldi A; Savini G.
EPI_ISL_833085, EPI_ISL_833086	Servizio di Igiene Epidemiologia e Sanità Pubblica (SIESP) CHIETI - DRIVE IN GISSI	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Delli Compagni E; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marccacci M; Puglia I; Rinaldi A; Savini G
EPI_ISL_1058034	Servizio di Igiene Epidemiologia e Sanità Pubblica (SIESP) CHIETI - DRIVE IN LANCIANO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Delli Compagni E; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marccacci M; Puglia I; Rinaldi A; Savini G; Scialabba S
EPI_ISL_833087 EPI_ISL_833088, EPI_ISL_833089	Servizio di Igiene Epidemiologia e Sanità Pubblica (SIESP) L'AQUILA Servizio di Igiene Epidemiologia e Sanità Pubblica (SIESP) SULMONA	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale" Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Delli Compagni E; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marccacci M; Puglia I; Rinaldi A; Savini G Ancora M; Calistri P; Cammà C; Curini V; Delli Compagni E; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marccacci M; Puglia I; Rinaldi A; Savini G
EPI_ISL_849653, EPI_ISL_849655	Servizio di igiene e sanità pubblica (SIESP)-Teramo	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G.Caporale"	Ancora M; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marccacci M; Puglia I; Rinaldi A; Savini G.
EPI_ISL_849650, EPI_ISL_849651, EPI_ISL_849652, EPI_ISL_849662, EPI_ISL_849663	Servizio di igiene epidemiologia e sanità pubblica (SIESP)-Chieti	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G.Caporale"	Ancora M; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marccacci M; Puglia I; Rinaldi A; Savini G.
EPI_ISL_940564, EPI_ISL_940683, EPI_ISL_942972, EPI_ISL_942973, EPI_ISL_942974, EPI_ISL_943556, EPI_ISL_943558, EPI_ISL_943560, EPI_ISL_943562, EPI_ISL_943564, EPI_ISL_943565, EPI_ISL_943567, EPI_ISL_943568, EPI_ISL_943573, EPI_ISL_943805, EPI_ISL_943809	Servizio de Microbiologia. Complexo Hospitalario Universitario de Santiago de Compostela	Servizio de Microbiologia. Complexo Hospitalario Universitario de Santiago de Compostela	Amparo Coira; Antonio Aguilera; Gema Barbeito; José Costa; María Luisa Pérez del Molino; María Luisa Pérez del Molino.; Rocío Trastoy
EPI_ISL_779383, EPI_ISL_779391, EPI_ISL_779395	Siloam Hospital Lippo Village	Mochtar Riady Institute for Nanotechnology-Universitas Pelita Harapan	Aksar C Lages; David Rustandi; Febi Andriani; Irawan Yusuf; Ivet M Suriapranata; Rinaldy Kusuma; Riska N Taufik; Rury M Wahyuni; Tri Shinta Kurniasih; Young O Larasati
EPI_ISL_768324, EPI_ISL_891251, EPI_ISL_891252, EPI_ISL_891253	Singapore General Hospital	Department of Microbiology	Chenhao Li; Karrie Ko; Kenneth Xin Long Chan; Kern Rei Chng; Kian Sing Chan; Kun Lee Lim; Lynette Oon; Niranjan Nagarajan; Nurdyana Abdul Rahman; Sui Sin Goh
EPI_ISL_964889, EPI_ISL_964889, EPI_ISL_964890, EPI_ISL_964892, EPI_ISL_964897, EPI_ISL_964901, EPI_ISL_964913	Sistema Integrado de Emergencias de Neuquén (SIEN)	Laboratorio Central Mg. Luis Alfredo Píancola on behalf of 'Proyecto Argentino Interinstitucional de genómica de SARS-CoV-2' (PAIS Consortium)	Antonela De Fino; C Pintos; C Ziehm; Darío Fabián di Prátula; J Ousset; L Píancola.; Liliana Fonseca; M Fernandez; M Mazzeo; M Nabaes; Marcela Nóbile; María Laura Álvarez; Patricia Valeria Blanco; Silvana Cecchi; Yesica Espasandín
EPI_ISL_759957, EPI_ISL_877419, EPI_ISL_877460, EPI_ISL_877538, EPI_ISL_882771, EPI_ISL_888591, EPI_ISL_888593, EPI_ISL_956278, EPI_ISL_956279, EPI_ISL_956281, EPI_ISL_956313	Siti Khodijah Hospital	Institute of Tropical Disease, Universitas Airlangga	Aldise M Nastri; Gatot Soegiarto; Jezza R Dewantari; Kazufumi Shimizu; Krisnoadi Rahardjo; Laksmi Wulandari; Maria I Lusida; Muhammad Hamdan; Resti Yudhawati; Rima R Prasetya; Soetjipto; Yasuko Mori
EPI_ISL_1012922 EPI_ISL_882954, EPI_ISL_882955	Sornedi State Veterinary Institute Prague	Imelda Hospital State Veterinary Institute Prague	Dagmar Obbels; Hanne Valgaeren; Johan Frans A; Cernikova; L; M; Nagy; Stara
EPI_ISL_944749, EPI_ISL_944750, EPI_ISL_944751, EPI_ISL_944752, EPI_ISL_944753, EPI_ISL_944754, EPI_ISL_944755	State Virus Research and Diagnostic Laboratory (VRDL), AIIMS Raipur	State Virus Research and Diagnostic Laboratory (VRDL), AIIMS Raipur	Anudita Bhargava; Kuldeep Sharma; Pragya Agarwala; Priyanka Singh; Pushpendra Singh; Sanjay Singh Negi; Somya Sharma
EPI_ISL_826274, EPI_ISL_826275, EPI_ISL_826276	Sterling Hospital, Memnagar, Ahmedabad	Gujarat Biotechnology Research Centre	Afzal Ansari; Apurvashin Puvar; Atul K Patel; Chaitanya Joshi; Dinesh Kumar; Janvi Raval; Labdhi Pandya; Madhvi Joshi; Naman Shashtri; Nikha Trivedi; Nitin Savaliya; Ramesh Pandit; Zarna Patel; Zuber Saiyed
EPI_ISL_747241 EPI_ISL_869241 EPI_ISL_747235 EPI_ISL_747236 EPI_ISL_759960	Subang Public Health Office Suceava County Emergency Hospital Sukabumi Health Laboratory Sukabumi Public Health Surabaya Public Health Office	West Java Health Laboratory; School of Life Sciences and Technology, Institut Teknologi Bandung "Stefan cel Mare" University Metagenomics Laboratory West Java Health Laboratory; School of Life Sciences and Technology, Institut Teknologi Bandung West Java Health Laboratory; School of Life Sciences and Technology, Institut Teknologi Bandung Institute of Tropical Disease, Universitas Airlangga	Azzania Fibriani; Cut Nur Cinthia Alamanda; Ema Rahmawati; Isak Solihin; Karimatu Khoirunnisa; Miftahul Faridi; Rifky Waluyajati Rachman; Rini Robiani; Ryan Bayusantika Ristandi Lobiuc Andrei; Puscaselu Roxana Azzania Fibriani; Cut Nur Cinthia Alamanda; Ema Rahmawati; Isak Solihin; Karimatu Khoirunnisa; Miftahul Faridi; Rifky Waluyajati Rachman; Rini Robiani; Ryan Bayusantika Ristandi Azzania Fibriani; Cut Nur Cinthia Alamanda; Ema Rahmawati; Isak Solihin; Karimatu Khoirunnisa; Miftahul Faridi; Rifky Waluyajati Rachman; Rini Robiani; Ryan Bayusantika Ristandi Aldise M Nastri; Febria Rachmanita; Gatot Soegiarto; Jezza R Dewantari; Kazufumi Shimizu; Krisnoadi Rahardjo; Laksmi Wulandari; Maria I Lusida; Resti Yudhawati; Rima R Prasetya; Soetjipto; Yasuko Mori
EPI_ISL_902917, EPI_ISL_902924, EPI_ISL_911708, EPI_ISL_911750	Tanjungpura University Hospital	Tanjungpura University Hospital	Ambar Rialita; Andriani; Delima Fajar Liana; Eka Ardiani Putri; Helmi Sastrriawan; Kahtan MI; Liana DF; Mahyarudin; Muhammad Ibnu Kahtan; Muhammad Kahtan; Novianry V; Puji Astuti; Putri EA; Rialita A; Rini Andriani; Sastrriawan W; Shofiyah SS Astuti P; Soft Siti Shofiyah; Virhan Novianry; Windarti W; Wiwik Windarti
EPI_ISL_759892, EPI_ISL_759893, EPI_ISL_759894	Temporary Specimen Collection Centre	Hong Kong Department of Health	Alan K.L. Tsang; Dominic N.C. Tsang; Edman T.K. Lam; Peter C.W. Yip; Rickjason C.W. Chan
EPI_ISL_1055191	Temporary Specimen Collection Centre at the AsiaWorld-Expo	Hong Kong Department of Health	Chan Rickjason C.W.; Lam Edman T.K.; Mak Gannon C.K.; Tsang Dominic N.C.
EPI_ISL_981004, EPI_ISL_1007658, EPI_ISL_1007659	Thai Red Cross Emerging Infectious Diseases Health Science Centre, Chulalongkorn Hospital, Faculty of Medicine, Chulalongkorn University	Thai Red Cross Emerging Infectious Diseases Center and Faculty of Medicine, Chulalongkorn University	Apaporn Rodpan; Non Chindavech; Opass Putcharoen; Pornvimol Leethong; Rome Buathong; Sininat Petcharat; Sopon Iamsirithaworn; Supaporn Wacharapluesadee; Thiravat Hemachudha; Weenassarin Ampoot; Wichai Thanasopon; Yuthana Joyjinda
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EPI_ISL_862852, EPI_ISL_862853, EPI_ISL_862854	Tosei General Hospital	Fujita health University, School of Medicine, Department of Microbiology	Masahiro suzuki; Yohei Doi
EPI_ISL_1055218 EPI_ISL_1055209, EPI_ISL_1055255, EPI_ISL_1055258	Tseung Kwan O Hospital Tuen Mun Hospital	Hong Kong Department of Health Hong Kong Department of Health	Chan Rickjason C.W.; Lam Edman T.K.; Mak Gannon C.K.; Tsang Dominic N.C. Chan Rickjason C.W.; Lam Edman T.K.; Mak Gannon C.K.; Tsang Dominic N.C.
EPI_ISL_983870 EPI_ISL_1036658 EPI_ISL_940607	TwinStrand Biosciences, Inc. Tyler Radniecki U.O. Genomics, S.S. Genetics and Advanced Omics Techniques, Istituto Zooprofilattico Sperimentale del Piemonte Liguria e Valle d'Aosta U.O. Igiene, Ospedale Policlinico San Martino	TwinStrand Biosciences, Inc. Center for Genome Research and Biocomputing U.O. Genomics, S.S. Genetics and Advanced Omics Techniques, Istituto Zooprofilattico Sperimentale del Piemonte Liguria e Valle d'Aosta U.O. Igiene, Ospedale Policlinico San Martino	Alexandra Golubeva; Charles C Valentine III; Daniel D Sommer; Lindsey N Williams; Tan Li Oregon State University TRACE Project Chiara Beltramo; Elena Bozzetta; Francesco Cerutti; Pier Luigi Acutis; Simone Peletto; Valeria Ghisetti Bruzzone Bianca; Caligiuri Patrizia; De Pace Vanessa; Domnich Alexander; Icardi Giancarlo; Orsi Andrea; Ricucci Valentina; Spitaleri Antonino
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EPI_ISL_837053 EPI_ISL_837054	UBS Darcy Alves e Robalinho UBS Jose Sabino Ferreira	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valesa Ramos Gomes; Karoline Rodrigues Campos Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valesa Ramos Gomes; Karoline Rodrigues Campos
EPI_ISL_1068996, EPI_ISL_1068997, EPI_ISL_1068998, EPI_ISL_1069076	UCSI University	Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia	Azizan MA; Kamel K; Sekaran SD; Suppiah J; Thayan R
EPI_ISL_861459, EPI_ISL_861460, EPI_ISL_861461, EPI_ISL_861462, EPI_ISL_861463, EPI_ISL_861464, EPI_ISL_861465, EPI_ISL_861466, EPI_ISL_861467, EPI_ISL_861468, EPI_ISL_861469, EPI_ISL_861470, EPI_ISL_861471			
see above EPI_ISL_955235 EPI_ISL_955244 EPI_ISL_955254 EPI_ISL_955237	UHAS COVID-19 Lab UMF 23 UNIDAD MORELOS UMF 26 ACAPULCO UMF 28 DEL VALLE UMF 75 NETZAHUALCOYOTL	UHAS COVID-19 Lab BIOBANCO / COCTI BIOBANCO / COCTI BIOBANCO / COCTI BIOBANCO / COCTI	John O. Gyapong and the UHAS COVID-19 Lab Team; Jones Gyamfi; Kwabena O. Duedu; Reuben Ayivor-Djanie Arias C; Borja-Aburto VH; Grajales-Muñiz C; Grande R; Isa P; López S; Muñoz-Medina JE; Ochoa Carrera LA; Rojas-Mendoza T; Santacruz Tinoco CE; Sánchez A; Taboada B Arias C; Borja-Aburto VH; Grajales-Muñiz C; Grande R; Isa P; López S; Muñoz-Medina JE; Ochoa Carrera LA; Rojas-Mendoza T; Santacruz Tinoco CE; Sánchez A; Taboada B Arias C; Borja-Aburto VH; Grajales-Muñiz C; Grande R; Isa P; López S; Muñoz-Medina JE; Ochoa Carrera LA; Rojas-Mendoza T; Santacruz Tinoco CE; Sánchez A; Taboada B Arias C; Borja-Aburto VH; Grajales-Muñiz C; Grande R; Isa P; López S; Muñoz-Medina JE; Ochoa Carrera LA; Rojas-Mendoza T; Santacruz Tinoco CE; Sánchez A; Taboada B
EPI_ISL_869242, EPI_ISL_869243, EPI_ISL_869244, EPI_ISL_869245, EPI_ISL_869246, EPI_ISL_869248, EPI_ISL_869249, EPI_ISL_869251, EPI_ISL_869252, EPI_ISL_869253, EPI_ISL_869254, EPI_ISL_869255, EPI_ISL_869256, EPI_ISL_869257, EPI_ISL_869258, EPI_ISL_869259, EPI_ISL_869260, EPI_ISL_869261, EPI_ISL_872569	see above UMMC-Health	WHO National Influenza Centre Russian Federation	Andrey Komissarov; Anna Ivanova; Artem Fadeev; Daria Danilenko; Dmitry Bazhenov; Dmitry Lioznov; Elena Nabieva; Georgii Bazykin; Ksenia Safina; Kseniya Komissarova; Mikhail Bakaev; Tatiana Platonova
EPI_ISL_1020194 EPI_ISL_918165 EPI_ISL_882666, EPI_ISL_882668	UMMI Hospital, Bogor, West Java UMR190-Unité des virus émergents UMS de Jujutiba	Biosafety Level-3 Laboratory, Indonesian Institute of Sciences (LIPI) UMR190-Unité des virus émergents Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Anggia Prasetyoputri; Gita Syahputra; Isa Nuryana; Ratih Asmana Ningrum; Sri Swasthikawati; Sugiyono Saputra; Syam Budi Iryanto Cecile Baronti Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valesa Ramos Gomes; Karoline Rodrigues Campos
EPI_ISL_794656, EPI_ISL_794657 EPI_ISL_845656	UNIDAD HEMATOLOGICA ESPECIALIZADA UNIDAD HEMATOLÓGICA ESPECIALIZADA	Instituto Nacional de Salud - Dirección de Investigación en Salud Pública Instituto Nacional de Salud - Dirección de Investigación en Salud Pública	Carlos Franco-Muñoz; Diego A. Álvarez-Díaz; Diego Andrés Prada; Gerardo Santamaría; Jonathan Reales; Julian Naizaque; Katherine Laiton-Donato; Magdalena Wiesner; Marcela Mercado-Reyes; María T. Herrera; Martha Lucia Ospina Martínez; Mauricio Pacheco-Montealegre; Paola Muñoz-Laiton; Sheryll Corchuelo Carlos Franco-Muñoz; Diego A. Álvarez-Díaz; Diego Andrés Prada; Gerardo Santamaría; Jonathan Reales; Julian Naizaque; Katherine Laiton-Donato; Magdalena Wiesner; Marcela Mercado-Reyes; María T. Herrera-Sepúlveda; Martha Lucia Ospina Martínez; Mauricio Pacheco-Montealegre; Paola Muñoz-Laiton; Sheryll Corchuelo
EPI_ISL_1015353, EPI_ISL_1015354, EPI_ISL_1015355, EPI_ISL_1015356, EPI_ISL_1015357	UNIGEM	Universidad Nacional de Colombia - Laboratorio Genómico One Health	Andres F. Cardona-Rios; Carlos Franco-Muñoz; Daniel O. Maldonado-Perez; Diego A. Álvarez-Díaz; Idabely Betancur Ortiz; Jorge E. Osorio; Juan P. Hernandez-Ortiz; Karl A Ciuderis; Laura Silvana Perez; Marcela Mercado-Reyes; Sandra Ines Cano
EPI_ISL_861674, EPI_ISL_861675 EPI_ISL_906070, EPI_ISL_906072, EPI_ISL_977489	UPA Central de Caraguatatuba UPA Dr. Akira Tada	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valesa Ramos Gomes; Karoline Rodrigues Campos Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valesa Ramos Gomes; Karoline Rodrigues Campos
EPI_ISL_861676, EPI_ISL_861682, EPI_ISL_882669	UPA Vila Santa Catarina	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valesa Ramos Gomes; Karoline Rodrigues Campos
EPI_ISL_861656 EPI_ISL_1036148 EPI_ISL_965225, EPI_ISL_965226, EPI_ISL_965241, EPI_ISL_965242	UPA de Jandira USCA AVEZZANO USCA SULMONA	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale" Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valesa Ramos Gomes; Karoline Rodrigues Campos Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G; Scialabba S Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G; Scialabba S
EPI_ISL_833124, EPI_ISL_833125, EPI_ISL_833126, EPI_ISL_833127, EPI_ISL_833128	USCA Sulmona	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Delli Compagni E; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G
EPI_ISL_833129 EPI_ISL_833253 EPI_ISL_833254 EPI_ISL_833277 EPI_ISL_1008714	USCA Tagliacozzo USCA-Avezzano USCA-Pescina USCA-Sulmona Unidad de Patología Clínica	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale" Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale" Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale" Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale" Instituto de diagnóstico y Referencia Epidemiológicos (INDRE) Departamento de Virología	Ancora M; Calistri P; Cammà C; Curini V; Delli Compagni E; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G Ancora M; Calistri P; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G Abril Rodriguez-Maldonado; Claudia Wong-Arambls; Ernesto Ramirez-Gonzalez.; Fabiola Garces-Ayala; Gisela Barrera-Badillo; Irma Lopez-Martinez; Lucia Hernandez-Rivas; Natividad Cruz-Ortiz; Tatiana Nunez-Garcia
EPI_ISL_940628 EPI_ISL_882665	Unidade Mista de Iguape Unidade de Pronto Atendimento Dra Zilda Arns	Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valesa Ramos Gomes; Karoline Rodrigues Campos Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valesa Ramos Gomes; Karoline Rodrigues Campos
EPI_ISL_759895, EPI_ISL_759897, EPI_ISL_759898, EPI_ISL_1055194, EPI_ISL_1055195, EPI_ISL_1055224, EPI_ISL_1055238, EPI_ISL_1055241, EPI_ISL_1055259	see above United Christian Hospital Universitas Airlangga Hospital	Hong Kong Department of Health Institute of Tropical Disease, Universitas Airlangga	Alan K.L. Tsang; Chan Rickjason C.W.; Dominic N.C. Tsang; Edman T.K. Lam; Lam Edman T.K.; Mak Gannon C.K.; Peter C.W. Yip; Rickjason C.W. Chan; Tsang Dominic N.C. Aldise M Nastri; Gatot Soegiarto; Jezy R Dewantari; Kazufumi Shimizu; Krisnodo Rahardjo; Laksmi Wulandari; Maria I Lusida; Nasronudin; Resti Yudhawati; Rima R Prasetya; Soetjipto; Yasuko Mori
EPI_ISL_877229, EPI_ISL_877230, EPI_ISL_877231, EPI_ISL_877232, EPI_ISL_877233, EPI_ISL_877234, EPI_ISL_877235, EPI_ISL_877236, EPI_ISL_877239, EPI_ISL_877330	see above University College Sedaya International (UCSI University)	Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia	Azizan MA; Kamel K; Sekaran SD; Suppiah J; Thayan R
EPI_ISL_862863, EPI_ISL_862864, EPI_ISL_862865, EPI_ISL_862882, EPI_ISL_862883, EPI_ISL_862884 EPI_ISL_1072985	University Hospital Kyoto Prefectural University of Medicine University of Balamand	Fujita health University, School of Medicine, Department of Microbiology Microbial Genomics Lab, Lebanese American University, Byblos	Masahiro suzuki; Yohei Doi Mira El Chaar; Sima Tokajian; Youssef Bassim
EPI_ISL_767013, EPI_ISL_767043, EPI_ISL_826284, EPI_ISL_826458, EPI_ISL_826520, EPI_ISL_940565, EPI_ISL_940631, EPI_ISL_940632, EPI_ISL_940739, EPI_ISL_940749, EPI_ISL_940753, EPI_ISL_949182, EPI_ISL_949184, EPI_ISL_949185, EPI_ISL_949188, EPI_ISL_949191, EPI_ISL_977495, EPI_ISL_977496, EPI_ISL_977497, EPI_ISL_977498, EPI_ISL_1007642, EPI_ISL_1014237, EPI_ISL_1014690	see above University of Bari Biomedical Sciences and Human Oncology	University of Bari Biomedical Sciences and Human Oncology	Accogli A.; Accogli M.; Accogli Marisa; Anna Sallustio; Chironna A.; Chironna M.; Chironna M.; Chironna M.; Daniela Loconsole; Loconsole D.; Loconsole Daniela; Maria Chironna; Marisa Accogli; Sallustio A.; Sallustio Anna

EPI_ISL_826269, EPI_ISL_826270, EPI_ISL_826271, EPI_ISL_826272, EPI_ISL_826273	University of Debrecen, Department of Medical Microbiology	National Laboratory of Virology, Szentágotthai Research Centre	Balázs Somogyi; Brigitta Zana; Endre Gábor Tóth; Eszter Csoma; Ferenc Jakab; Gábor Kemenesi
EPI_ISL_1085676, EPI_ISL_1085677	University of Oregon COVID-19 MAP Laboratory	University of Oregon Genomics and Cell Characterization Core Facility (GC3F)	Ariana White; Douglas Turnbull; Jason Carriere; Jeff Bishop
EPI_ISL_955142, EPI_ISL_955144, EPI_ISL_955146, EPI_ISL_955148, EPI_ISL_955150, EPI_ISL_955151, EPI_ISL_955155, EPI_ISL_955156, EPI_ISL_955169, EPI_ISL_955170, EPI_ISL_955171, EPI_ISL_955173, EPI_ISL_955184, EPI_ISL_955185, EPI_ISL_955186, EPI_ISL_955187, EPI_ISL_955188, EPI_ISL_955210, EPI_ISL_955211, EPI_ISL_955229, EPI_ISL_1016508, EPI_ISL_1016690, EPI_ISL_1016822, EPI_ISL_1016842, EPI_ISL_1016843, EPI_ISL_1016884, EPI_ISL_1016885, EPI_ISL_1016968, EPI_ISL_1016969, EPI_ISL_1016970	University of Sarajevo, Veterinary Faculty, Laboratory for Molecular Diagnostic and Research Laboratory	University of Sarajevo, Veterinary Faculty, Laboratory for Molecular Diagnostic and Research Laboratory	Alic-Seho A.; Alic-Seho A.; Alić-Seho A.; Goletic S.; Goletic T.; Goletic Š.; Goletić T.; Goletić Š.; Hodžić A.; Hodžić A.; Hodžić A.; Jazić A.; Jažić A.; Jažić A.; Nicevic M.; Nicević M.; Sabic E.; Softić A.; Softić A.; Terzić I.; Terzić I.; Terzić I.; Jažić A.; Sabic E.; Sabić E.
see above	University of Sarajevo, Veterinary Faculty, Laboratory for Molecular Diagnostic and Research Laboratory	University of Sarajevo, Veterinary Faculty, Laboratory for Molecular Diagnostic and Research Laboratory	Daniel Bridges; Mulenga Mwenda-Chimfwembe; Ngonda Saasa
EPI_ISL_977357, EPI_ISL_977411	University of Zambia, School of Veterinary Medicine	UNZAVET and PATH	
EPI_ISL_856695	University of Zambia, School of Veterinary Medicine, Disease Control	University of Zambia, School of Veterinary Medicine, Disease Control	A.L.; A.N.; Bates, M.; C. and Zumla, A.; Chambaro, H.; Chanda, D.; Changula, K.; Chilufya; Chipimo; Chitanga, S.; Fwoloshi, S.; K.S.; Kapata; Kapata, N.; Kapaya, F.; Kapin'a, M.; Kayeyi, N.; Liwewe; M.M.; Malama, K.; Masahiro, K.; Monze, M.; Morales; Mubemba, B.; Mukonka, V.; Mulenga, L.; Muleya, W.; Mupeta, F.; Musonda, K.; Nalubamba; Ngosa, W.; P.C.; P.J.; Saasa, N.; Sawa, H.; Shibemba; Simulundu, E.; Sinyange, N.; Takada, A.; Tembo, J.; Zulu, P.
EPI_ISL_833123	Usca Pizzoli	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Calistri P; Cammà C; Curini V; Delli Compagni E; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marccacci M; Puglia I; Rinaldi A; Savini G
EPI_ISL_940850, EPI_ISL_940851, EPI_ISL_940852, EPI_ISL_940853, EPI_ISL_940854, EPI_ISL_940855, EPI_ISL_940856, EPI_ISL_940857, EPI_ISL_940858, EPI_ISL_940859, EPI_ISL_940861, EPI_ISL_940862, EPI_ISL_940863, EPI_ISL_940864, EPI_ISL_940865, EPI_ISL_940866, EPI_ISL_940867, EPI_ISL_940868, EPI_ISL_940869, EPI_ISL_940870, EPI_ISL_940871, EPI_ISL_940872, EPI_ISL_940873, EPI_ISL_940874, EPI_ISL_940875, EPI_ISL_940876, EPI_ISL_940877, EPI_ISL_940878, EPI_ISL_940879, EPI_ISL_940880, EPI_ISL_940881, EPI_ISL_940882, EPI_ISL_940883, EPI_ISL_940884, EPI_ISL_940885, EPI_ISL_940886, EPI_ISL_940887, EPI_ISL_940888, EPI_ISL_940889, EPI_ISL_940890, EPI_ISL_940891	Vaccines and Infectious Diseases Analytics Research Unit (VIDA)	KRISP, KZN Research Innovation and Sequencing Platform	Baillie Vicky; Giandhari Jennifer; Madhi Shabir; Naidoo Yeshnee; Pillay Sureshnee; Tegally Houriiyah; de Oliveira Tulio; du Plessis Jeanine
see above	Vaccines and Infectious Diseases Analytics Research Unit (VIDA)	KRISP, KZN Research Innovation and Sequencing Platform	Baillie Vicky; Giandhari Jennifer; Madhi Shabir; Naidoo Yeshnee; Pillay Sureshnee; Tegally Houriiyah; de Oliveira Tulio; du Plessis Jeanine
EPI_ISL_933840, EPI_ISL_933883, EPI_ISL_933887, EPI_ISL_933897, EPI_ISL_933905, EPI_ISL_933956, EPI_ISL_933981, EPI_ISL_934046, EPI_ISL_934260, EPI_ISL_934279, EPI_ISL_934308, EPI_ISL_934309, EPI_ISL_934310, EPI_ISL_1005363, EPI_ISL_1005399	Vilnius university hospital Santaros Klinikos, Center of Laboratory Medicine	Vilnius university hospital Santaros Klinikos, Center of Laboratory Medicine	Daniel Naumovas; Dovile Ezerskyte; Gytis Dudas; Ingrida Olendraitė; Justinas Slikas; Laimonas Griskevicius; Rimvydas Norvilas
see above	Vilnius university hospital Santaros Klinikos, Center of Laboratory Medicine	Vilnius university hospital Santaros Klinikos, Center of Laboratory Medicine	Daniel Naumovas; Dovile Ezerskyte; Gytis Dudas; Ingrida Olendraitė; Justinas Slikas; Laimonas Griskevicius; Rimvydas Norvilas
EPI_ISL_1034793	Virologia Dipartimento di Scienze Biomediche Università di Sassari Viale San Pietro, 43/B - Sassari	Laboratorio Specialistico di Ematologia, Ospedale "San Francesco", via Mannironi 1, 08100 Nuoro	Caterina Serra; Elena Rimini; Giovanna Piras; Maria Monne; Rosanna Asproni; Salvatore Rubino; Tatiana Fancello
EPI_ISL_1082254	Virologia, Dipartimento di Scienze Biomediche, Università di Sassari, Viale San Pietro, 43/B - Sassari	Laboratorio specialistico UOC Ematologia - Ospedale "San Francesco" - ATS-ASSL Nuoro	Angelo Domenico Palmas; Asproni Rosanna; Caterina Serra; Elena Rimini; Giovanna Piras; Maria Itria Monne; Paolo Malune; Salvatore Rubino
EPI_ISL_909684, EPI_ISL_909685	Virologie - Laboratoire de Microbiologie	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Angela Brisebarre; Camille Capel; Etienne Simon-Lorière; Marion Barbet; Maud Vanpeene; Méline Bizard; Schvoerer Evelyne; Sylvie Behillili; Sylvie van der Werf; Vincent Enouf
EPI_ISL_1055811	Virology Unit, AOUP	Virology Unit, AOUP	Marialinda Vatteroni; Susi Frateschi
EPI_ISL_1055820, EPI_ISL_1055825	Virology Unit, AOUP	Virology Unit, AOUP	Marialinda Vatteroni; Susi Frateschi
EPI_ISL_1055800, EPI_ISL_1055815	Virology Unit, AOUP	Virology Unit, AOUP, Pisa	Marialinda Vatteroni; Mauro Pistello; Susi Frateschi
EPI_ISL_1055824	Virology Unit, AOUP, Pisa, Italy	Virology Unit, AOUP, Pisa	Marialinda Vatteroni; Mauro Pistello; Susi Frateschi
EPI_ISL_918359, EPI_ISL_918360, EPI_ISL_918361, EPI_ISL_918362, EPI_ISL_918363, EPI_ISL_918364, EPI_ISL_918365, EPI_ISL_918366, EPI_ISL_918367, EPI_ISL_918368, EPI_ISL_918369, EPI_ISL_918370, EPI_ISL_918371, EPI_ISL_918372, EPI_ISL_918373, EPI_ISL_918374, EPI_ISL_918375, EPI_ISL_918376, EPI_ISL_933780, EPI_ISL_933781, EPI_ISL_933782, EPI_ISL_933783, EPI_ISL_933784, EPI_ISL_933785	Virology Unit, Institut Pasteur du Cambodge	Virology Unit, Institut Pasteur du Cambodge	Chau Darapheak; Chin Savuth; Erik A Karlsson; Etienne Simon-Loriere; Kraing Sidon; Ly Sovann; Sokhoun Yann; Veasna Duong; Yi Sengdoeurn
see above	Virology Unit, Institut Pasteur du Cambodge	Virology Unit, Institut Pasteur du Cambodge	Chau Darapheak; Chin Savuth; Erik A Karlsson; Etienne Simon-Loriere; Kraing Sidon; Ly Sovann; Sokhoun Yann; Veasna Duong; Yi Sengdoeurn
EPI_ISL_1055765	Virology Unit, Pisa University Hospital	Virology Unit, AOUP	Marialinda Vatteroni; Susi Frateschi
EPI_ISL_1055792	Virology Unit, Pisa University Hospital	Virology Unit, AOUP, Pisa	Marialinda Vatteroni; Susi Frateschi
EPI_ISL_803896	Virology Unit, Pisa University Hospital and Retrovirus Center, University of Pisa	National Institute for Infectious Diseases, INMI, "L. Spallanzani" IRCCS	A Di Caro; A Rosellini; B Bartolini; C.E.M Gruber; E Giombini; F Messina; M Pistello; M Rueca; MR Capobianchi; O Butera; P Mazzetti
EPI_ISL_1039249, EPI_ISL_1055383	Virus Research and Diagnostic Laboratory, Medical College Level, Kasturba Hospital for Infectious Diseases	Indian Council of Medical Research-National Institute of Virology, Microbial Containment Complex	Jayanti Shastri; Pragya D. Yadav
EPI_ISL_1055384, EPI_ISL_1055768, EPI_ISL_1055771, EPI_ISL_1055785, EPI_ISL_1055788, EPI_ISL_1055789, EPI_ISL_1063400, EPI_ISL_1063401, EPI_ISL_1063494, EPI_ISL_1063526, EPI_ISL_1063527, EPI_ISL_1063529, EPI_ISL_1063531, EPI_ISL_1081834, EPI_ISL_1081835	Virus Research and Diagnostic Laboratory, Medical College Level, Kasturba Hospital for Infectious Diseases	National Institute of Virology-Microbial Containment Complex, Indian Council of Medical Research	Jayanti Shastri; Pragya D. Yadav
see above	Virus Research and Diagnostic Laboratory, Medical College Level, Kasturba Hospital for Infectious Diseases	National Institute of Virology-Microbial Containment Complex, Indian Council of Medical Research	Jayanti Shastri; Pragya D. Yadav
EPI_ISL_1061414	Vita Laboratoriet Oy	Institute of Biotechnology, DNA Sequencing and Genomics Laboratory, University of Helsinki	Anne Ylinen; Annina Lyyksi; Ella Mustanoja; Hanna Nihtilä; Jukka Hurme; Lars Paulin; Petri Auvinen; Pia Laine; Sakari Jokiranta; Taru Meri
EPI_ISL_1055759, EPI_ISL_1055760, EPI_ISL_1055761, EPI_ISL_1055762, EPI_ISL_1055763, EPI_ISL_1055764	Vithas Lab. Hospital Vithas Vigo	Microbiology Department. Complexo Hospitalario Universitario de Vigo	Complexo Hospitalario Universitario de Vigo (CHUVI). Vithas Lab. Hospital Vithas Vigo; Microbiology Department
EPI_ISL_811147, EPI_ISL_872898, EPI_ISL_872899, EPI_ISL_872900, EPI_ISL_872901, EPI_ISL_872902, EPI_ISL_872903, EPI_ISL_872904, EPI_ISL_872905, EPI_ISL_872906, EPI_ISL_872907, EPI_ISL_872908, EPI_ISL_872909, EPI_ISL_872910, EPI_ISL_872911, EPI_ISL_872912, EPI_ISL_872913, EPI_ISL_872914, EPI_ISL_872915, EPI_ISL_872916, EPI_ISL_872917, EPI_ISL_872918, EPI_ISL_872919, EPI_ISL_872920, EPI_ISL_872921, EPI_ISL_872922, EPI_ISL_872923, EPI_ISL_872924, EPI_ISL_872925, EPI_ISL_872926, EPI_ISL_872927, EPI_ISL_872928, EPI_ISL_872929, EPI_ISL_872930, EPI_ISL_872931, EPI_ISL_872932, EPI_ISL_872933, EPI_ISL_872934, EPI_ISL_872935, EPI_ISL_872936, EPI_ISL_872937, EPI_ISL_872938, EPI_ISL_872939, EPI_ISL_872940, EPI_ISL_872941, EPI_ISL_872942, EPI_ISL_872943, EPI_ISL_872944, EPI_ISL_872945, EPI_ISL_872946, EPI_ISL_872947, EPI_ISL_872948, EPI_ISL_872949, EPI_ISL_872950, EPI_ISL_872951, EPI_ISL_872952, EPI_ISL_872953, EPI_ISL_872954, EPI_ISL_872955, EPI_ISL_872956, EPI_ISL_872957, EPI_ISL_872958, EPI_ISL_872959, EPI_ISL_872960, EPI_ISL_872961, EPI_ISL_872962, EPI_ISL_872963, EPI_ISL_872964, EPI_ISL_872965, EPI_ISL_872966, EPI_ISL_872967, EPI_ISL_872968, EPI_ISL_872969, EPI_ISL_872970, EPI_ISL_872971, EPI_ISL_1036272, EPI_ISL_1039008, EPI_ISL_1039009, EPI_ISL_1039010, EPI_ISL_1039011, EPI_ISL_1039157, EPI_ISL_1039158	WHO National Influenza Centre Russian Federation	Andrey Komissarov; Anna Ivanova; Artem Fadeev; Daria Danilenko; Dmitry Bazhenov; Dmitry Lioznov; Elena Nabieva; Georgii Bazykin; Kseniya Safina; Kseniya Komissarova; Maria Pisareva; Maria Timofeeva; Maxim Burtakov; Mikhail Bakaev; Tamila Musaeva; Veronika Eder	
see above	WHO National Influenza Centre Russian Federation	WHO National Influenza Centre Russian Federation	Andrey Komissarov; Anna Ivanova; Artem Fadeev; Daria Danilenko; Dmitry Bazhenov; Dmitry Lioznov; Elena Nabieva; Georgii Bazykin; Kseniya Safina; Kseniya Komissarova; Maria Pisareva; Maria Timofeeva; Maxim Burtakov; Mikhail Bakaev; Tamila Musaeva; Veronika Eder
EPI_ISL_884087, EPI_ISL_884088	Wazed Mia Science Research Center, Jahangirnagar University in collaboration with GRMDRC, Dhaka and Invent Technologies Ltd, Dhaka, Bangladesh	COVID Research Cell (CRC), Wazed Miah Science Research Center	Abdullah Al Nahid; Bishajit Sarkar; Md. Abdul Matin; Md. Asad Ullah; Mohammad Shahedur Rahman; Nihad Adnan; Rashedul Islam; Yusha Araf
EPI_ISL_745033	West Java Health Laboratory	West Java Health Laboratory	Azzania Fibriani; Cut Nur Cinthia Alamanda; Ema Rahmawati; Isak Solihin; Karimatu Khoirunnisa; Miftahul Faridi; Rifky Waluyajati Rachman; Rini Robiani; Ryan Bayusantika Ristandi
EPI_ISL_754183	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Ashley Norberg; Bailey Bowcutt; Channing Weber; Noah Hull; Taylor Fearing; and Wanda Manley
EPI_ISL_856711	Wyoming Public Health Laboratory	Wyoming Public Health Laboratory	Ashley Norberg; Bailey Bowcutt; Channing Weber; Joel Sevinsky; Kevin Libuit; Lynette Gumbleton; Noah Hull; Taylor Fearing; and Wanda Manley
EPI_ISL_862867	Yokohama City University Hospital	Fujita health University, School of Medicine, Department of Microbiology	Masahiro suzuki; Yohei Doi
EPI_ISL_1013779, EPI_ISL_1014102, EPI_ISL_1014238	Zurita & Zurita Laboratorios	Zurita & Zurita Laboratorios	Camilo Zurita-Salinas; Gabriela Sevillano; Jeannete Zurita
EPI_ISL_845620	compensar calle 63	Instituto Nacional de Salud - Dirección de Investigación en Salud Pública	Carlos Franco-Muñoz; Diego A. Álvarez-Díaz; Diego Andrés Prada; Gerardo Santamaría; Jonathan Reales; Julian Naizaque; Katherine Laiton-Donato; Magdalena Wiesner; Marcela Mercado-Reyes; María T. Herrera-Sepúlveda; Martha Lucia Ospina Martínez; Mauricio Pacheco-Montealegre; Paola Muñoz-Laiton; Sheryll Corchuelo
EPI_ISL_872197, EPI_ISL_872200, EPI_ISL_872202, EPI_ISL_872221, EPI_ISL_872222, EPI_ISL_872223, EPI_ISL_872224, EPI_ISL_872225, EPI_ISL_872226, EPI_ISL_872232, EPI_ISL_872240, EPI_ISL_872241, EPI_ISL_872242, EPI_ISL_872243, EPI_ISL_872244, EPI_ISL_872245, EPI_ISL_872246, EPI_ISL_872247, EPI_ISL_872248, EPI_ISL_872254, EPI_ISL_872271, EPI_ISL_872272, EPI_ISL_872273, EPI_ISL_872327, EPI_ISL_872328, EPI_ISL_872329, EPI_ISL_872330, EPI_ISL_872331, EPI_ISL_872332, EPI_ISL_872333, EPI_ISL_872334, EPI_ISL_872335, EPI_ISL_872336, EPI_ISL_872337, EPI_ISL_872338, EPI_ISL_872339, EPI_ISL_872340, EPI_ISL_872341, EPI_ISL_872342, EPI_ISL_872343, EPI_ISL_872344, EPI_ISL_872345, EPI_ISL_872346, EPI_ISL_872347, EPI_ISL_872348, EPI_ISL_872349, EPI_ISL_872350, EPI_ISL_872351, EPI_ISL_872352, EPI_ISL_872353, EPI_ISL_872354, EPI_ISL_872355, EPI_ISL_872356, EPI_ISL_872357, EPI_ISL_872358, EPI_ISL_872359, EPI_ISL_872360, EPI_ISL_872361, EPI_ISL_872362, EPI_ISL_872363, EPI_ISL_872364, EPI_ISL_872365, 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