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.

Submitting Laboratory

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

Originating Laboratory

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Accession ID

Accession ID	Originating Laboratory	Submitting Laboratory	Authors
EPI_ISL_4520814, E see above	PI_ISL_4520815, EPI_ISL_4520816, EPI_ ADILAB		8, EP_ISL_4520819, EP_ISL_4520820, EP_ISL_4520821, EP_ISL_4520822, EP_ISL_4520823  Andres F. Cardona-Rios; Carlos Franco-Muñoz; Carolina Muñoz-Arango; Celeny Ortiz; Daniel O. Maldonado-Perez; Diego A. Álvarez-Díaz; Hector Alejandro Ruiz-Moreno; Idabely Betancur Ortiz; Jorge E. Osorio; Juan P. Hernandez-Ortiz; Karl A Ciuoderis; Katherine Laiton-Donato; Laura Silvana Perez; Lina M. Hurtado Marcela Mercado-Reyes; Maria Angélica Maya; Maria Stella López; Rita Almanza Payares; Sandra Ines Cano; Simón Villegas Velásquez
EPI_ISL_4578004, E EPI_ISL_4578034	PI_ISL_4578006, EPI_ISL_4578007, EPI_		0, EPI_ISL_4578011, EPI_ISL_4578012, EPI_ISL_4578013, EPI_ISL_4578014, EPI_ISL_4578015, EPI_ISL_4578016, EPI_ISL_4578017, EPI_ISL_4578018, EPI_ISL_4578019, EPI_ISL_4578020, EPI_ISL_4578023, EPI_ISL_4578024, EPI_ISL_4578026, EPI_ISL_4578026, EPI_ISL_4578031, EPI
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EPI ISL 4491488. EF	PI ISL 4491489. EPI ISL 4491490. EPI	I ISL 4491491. EPI ISL 4491492	, EPI ISL 4491495, EPI ISL 4491496, EPI ISL 4491497, EPI ISL 4491498, EPI ISL 4491499, EPI ISL 4491501
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see above	Baguio General Hospital Medical Center (BGHMC)	Philippine Genome Center	Alethea R. de Guzman; Anna Ong-Lim; Arianne A. Zamora; Benedict A. Maralit; Carlo M. Lapid; Celia Carlos; Cynthia P. Saloma; Devon Ray Pacial; Diomedes A. Cariño; Edsel Maurice Salvana; El King D. Morado; Elcid Aaron R. Pangilinan; Eva Maria Cutiongco-de la Paz; Francis A. Tabilizo; Henrietta Marie Rodriguez; Jarime C. Montoya; Jan Michael C. Yap; Jarvin E. Nipales; Jo-Hannah S. Llarmes; John Q. Wong; Joshua Gregor A. Dizon; Juan Antonio R. Magalang; Karol Sophia Agape R. Padilla; Kenneth M. Kim; Kris P. Punayan; Kristina Patriz Dela Cruz; Lindasy Clare D.L. Carandang; Ma. Exanil Plantig; Marc Edsel C. Ayes; Maria Rosario Singh-Vergeire; Maria Sofia L. Yangzon; Marielle M. Gamboa; Marissa Alejandria; Niña Francesca Bustamante; Razel Nilkka M. Hao; Renato Jacinto Q. Mantaring; Rianna Patricia S. Cruz; Shiela Mae M. Araiza; Yvonne Valerie Austria; Zipporah Mariebelle R. Enriquez; Zyrel V. Mollejon
EPI_ISL_4756054, EPI_ISL_4756056	Balai Kesehatan Masyarakat Klaten	Balai Laboratorium Kesehatan Dan Pengujian Alat Kesehatan Provinsi Jawa Tengah	Alia Wijayanti; Dwi Nursetyaasih; Dyah Ayu; Endah Wahyu Y; Ismi Farhati; Purnomo; Sekti Handayani; Wiwik Peni; Yekti Hediningsih
EPI_ISL_4826927, EPI_ISL_4829453	Balai Kesehatan Masyarakat Klaten AHD	Balai Laboratorium Kesehatan Dan Pengujian Alat Kesehatan Provinsi Jawa Tengah	Alia Wijayanti; Dwi Nursetyaasih; Dyah Ayu; Endah Wahyu Y; Ismi Farhati; Purnomo; Sekti Handayani; Wiwik Peni; Yekti Hediningsih
EPI_ISL_4824126	Balai Kesehatan Masyarakat Semarang BPSDMD	Balai Laboratorium Kesehatan Dan Pengujian Alat Kesehatan Provinsi Jawa Tengah	Alia Wijayanti; Dwi Nursetyaasih; Dyah Ayu; Endah Wahyu Y; Ismi Farhati; Purnomo; Sekti Handayani; Wiwik Peni; Yekti Hediningsih
EPI_ISL_4826621	Balai Kkesehatan Masyarakat Klaten AHD	Balai Laboratorium Kesehatan Dan Pengujian	Alia Wijayanti; Dwi Nursetyaasih; Dyah Ayu; Endah Wahyu Y; Ismi Farhati; Purnomo; Sekti Handayani; Wiwik Peni; Yekti Hediningsih

Tengah EPI ISL 4716123, EPI ISL 4741250, EPI ISL 4741250, EPI ISL 4741250, EPI ISL 4741253, EPI ISL 4741358, EPI ISL 4741358, EPI ISL 4741358, EPI ISL 4741358, EPI ISL 4741374, EPI ISL 4741375, EPI ISL 4741374, EPI ISL 4741374, EPI ISL 4741374, EPI ISL 4741375, EPI ISL 4741375, EPI ISL 4741364, EPI ISL 4741374, EPI ISL 4741375, EPI IS EPI ISL 4741382, EPI ISL 4741389, EPI ISL 4741399, EPI ISL 4741514, EPI ISL 4741516, EPI ISL 4741516, EPI ISL 4741516, EPI ISL 4741516, EPI ISL 4741517, EPI ISL 4741517, EPI ISL 4741978, EPI IS

Alethea R. de Guzman; Anna Ong-Lim; Arianne A. Zamora; Benedict A. Maralit; Carlo M. Lapid; Celia Carlos; Cynthia P. Saloma; Devon Ray Pacial; Diomedes A. Cariño; Edsel Maurice Salvana; El King D. Morado; Elcid Aaron R. Pangilinan; Eva Maria Cutiongco-de la Paz; Francis A. Tablizo; Henrietta Marie Rodriguez; Bataan General Hospital and Medical Philippine Genome Center see above Jaime C. Montoya; Jan Michael C. Yap; Jarvin E. Nipales; Jo-Hannah S. Llames; John Q. Wong; Joshua Gregor Á. Dizon; Juan Antonio R. Magalang; Karol Sophia Agape R. Padilla; Kenneth M. Kim; Kris P. Punayan; Kristina Patriz Dela Cruz; Lindsay Clare D. L. Carandang; Ma. Exanil Plantig; Marc Edsel C. Ayes; Maria Rosario Singh-Vergeire; Maria Sofia L. Yangzon; Marielle M. Gamboa; Marissa Alejandria; Niña Francesca Bustamante; Razel Nikka M. Hao; Renato Jacinto Q. Mantaring; Rianna Patricia S. Cruz; Shiela Mae M. Araiza; Yvonne Valerie Austria; Zipporah Mariebelle R. Enriquez; Zyrel V. Mollejon EPI ISL 4741324 Alethea R. de Guzman: Anna Ong-Lim: Arianne A, Zamora: Benedict A, Maralit: Carlo M, Lapid: Celia Carlos: Cynthia P, Saloma: Devon Ray Pacial: Diomedes A, Cariño: Edsel Maurice Salyana: El King D, Morado: Elcid Aaron R, Pangilinan: Eva Maria Cutionoco-de la Paz: Francis A, Tablizo: Henrietta Marie Rodriguez: Batangas Medical Center Philippine Genome Center FPI ISI 4741433 Jaime C. Montoya; Jan Michael C. Yap; Jarvin E. Nipales; Jo-Hannah S. Llames; John Q. Wong; Joshua Gregor A. Dizon; Juan Antonio R. Magalang; Karol Sophia Agape R. Padilla; Kenneth M. Kim; Kris P. Punavayn; Kristina Patriz Dela Cruz; Lindsay Clare D.L. Carandang; Mar. Exami Plantig; Marc Edsel C. Ayes; Maria Rosario Singh-Vergeire; Maria Sofia L. Yangzon; Marielle M. Gamboa; Marissa Alejandria; Niña Francesca Bustamante; Razel Nikka M. Hao; Renato Jacinto Q. Mantaring; Rianna Patricia S. Cruz; Shiela Mae M. Araiza; Yvonne Valerie Austria; Zipporah Mariebelle R. Enriquez; Zyrel V. Mollejon FPI ISI 4741473 FPI ISI 4741515 FPI ISI 4741518

EPI ISL 4715887, EPI ISL 4715902, EPI ISL 4715902, EPI ISL 4715907, EPI ISL 4716679, EPI ISL 4716697, EPI IS EPI ISL 4716914, EPI ISL 4716949, EPI ISL 4716986, EPI ISL 4716992, EPI ISL 4717019, EPI ISL 4717036, EPI ISL 4717105, EPI ISL 4717154, EPI ISL 4717212, EPI ISL 4717303, EPI ISL 4717373 see above Bicol Regional Diagnostic and Philippine Genome Center Alethea R. de Guzman; Anna Ong-Lim; Arianne A. Zamora; Benedict A. Maralit; Carlo M. Lapid; Celia Carlos; Cynthia P. Saloma; Devon Ray Pacial; Diomedes A. Cariño; Edsel Maurice Salvana; El King D. Morado; Elcid Aaron R. Pangilinan; Eva Maria Cutiongco-de la Paz; Francis A. Tablizo; Henrietta Marie Rodriguez;

Jaime C. Montoya; Jan Michael C. Yap; Jarvin E. Nipales; Jo-Hannah S. Llames; John Q. Wong; Joshua Gregor Á. Dizon; Juan Antonio R. Magalang; Karol Sophia Agape R. Padilla; Kenneth M. Kim; Kris P. Punayan; Kristina Patriz Dela Cruz; Lindsay Clare D.L. Carandang; Ma. Exanil Plantig; Marc Edsel C. Ayes; Maria Reference Laboratory Rosario Singh-Vergeire; Maria Sofia L. Yangzon; Marielle M. Gamboa; Marissa Alejandria; Niña Francesca Bustamante; Razel Nikka M. Hao; Renato Jacinto Q. Mantaring; Rianna Patricia S. Cruz; Shiela Mae M. Araiza; Yvonne Valerie Austria; Zipporah Mariebelle R. Enriquez; Zyrel V. Mollejon EPI\_ISL\_4520793, EPI\_ISL\_4520794, EPI\_ISL\_4520795, EPI\_ISL\_4520796, EPI\_ISL\_4520797, EPI\_ISL\_4520798, EPI\_ISL\_4520799

Colombia - Laboratorio Marcela Mercado-Reves: Maria Angélica Maya: Maria Stella López: Rita Almanza Payares: Sandra Ines Cano: Simón Villegas Velásquez Genómico One Health

EPI\_ISL\_4824718 Bénédicte Roquebert; Laura Verdurme; Sabine Trombert; Stéphanie Haim-Boukobza EPI\_ISL\_4600249, EPI\_ISL\_4600250, EPI\_ISL\_4600251, EPI\_ISL\_4600252, EPI\_ISL\_4600253, EPI\_ISL\_4600253, EPI\_ISL\_4600254, EPI\_ISL\_4600255, EPI\_ISL\_4600255, EPI\_ISL\_4600256, EPI\_ISL\_4600261, EPI\_ISL\_4600263, EPI\_ISL\_4600264, EPI\_IS

Department of Microbiology see ahove Biopticka laborator s.r.o. Jaroslav Hrabak: Katerina Chudeiova: Katerina Vlkova: Vendula Heringova University Hospital in Pilse

EPI\_ISL\_4549183, EPI\_ISL\_4549185, EPI\_ISL\_4549186, EPI\_ISL\_4549187, EPI\_ISL\_4579733, EPI\_ISL\_4579738, EPI\_ISL\_4579747, EPI\_ISL\_4579755, EPI\_ISL\_4579766

Alat Kesehatan Provinsi Jawa

Baylor Scott & White-Temple

CERBA HealthCare

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EPI\_ISL\_4713266, EPI\_ISL\_4715869, EPI\_ISL\_4716508, EPI\_ISL\_4716508, EPI\_ISL\_4716508, EPI\_ISL\_4716606, EPI\_ISL\_4716652, EPI\_ISL\_4716652, EPI\_ISL\_4716748, EPI\_ISL\_4716774, EPI\_ISL\_4716784, EPI\_ISL\_4716984, EPI\_ISL\_4717188, EPI\_ISL\_4717220, EPI\_ISL\_4717223, EPI\_ISL\_4717319

Alethea R. de Guzman; Anna Ong-Lim; Arianne A. Zamora; Benedict A. Maralit; Carlo M. Lapid; Celia Carlos; Cynthia P. Saloma; Devon Ray Pacial; Diomedes A. Cariño; Edsel Maurice Salvana; El King D. Morado; Elcid Aaron R. Pangilinan; Eva Maria Cutiongco-de la Paz; Francis A. Tablizo; Henrietta Marie Rodriguez; see above Philippine Genome Center Jaime C. Montoya; Jan Michael C. Yap; Jarvin E. Nipales; Jo-Hannah S. Llames; John Q. Wong; Joshua Gregor A. Dizon; Juan Antonio R. Magalang; Karol Sophia Agape R. Padilla; Kenneth M. Kim; Kris P. Punayan; Kristina Patriz Dela Cruz; Lindsay Clare D.L. Carandang; Ma. Exanil Plantig; Marc Edsel C. Ayes; Maria Rosario Singh-Vergeire; Maria Sofia L. Yangzon; Marielle M. Gamboa; Marissa Alejandria; Niña Francesca Bustamante; Razel Nikka M. Hao; Renato Jacinto Q. Mantaring; Rianna Patricia S. Cruz; Shiela Mae M. Araiza; Yvonne Valerie Austria; Zipporah Mariebelle R. Enriquez; Zyrel V. Mollejon

EPI\_SL\_4549037, EPI\_SL\_4549049, EPI\_SL\_4549049, EPI\_SL\_4549055, EPI\_SL\_4549055, EPI\_SL\_4549059, EPI\_SL\_4549065, EPI\_SL\_4549065, EPI\_SL\_4549065, EPI\_SL\_4549065, EPI\_SL\_4549071, EPI\_SL\_4549071 EPI ISL 4549161

DE TAYRAC Marie: DEKEYSER Sophie: DENOUAL Florent: ETCHEVERRY Amandine: FERREAU Christine: GALIBERT Marie Dominique: GROLHIER Claire: IAGLINE Steven: PRONIER Charlotte: OUENET Benjamin: SASSI Mohamed: THIRAUIT Vincent see above C.H. FOUGERES CHU Pontchaillou EPI\_ISL\_4549078 C.H. GUILLAUME REGNIER CORITON Anne; DE TAYRAC Marie; DENOUAL Florent; ETCHEVERRY Amandine; FEBREAU Christine; GALIBERT Marie Dominique; GROLHIER Claire; JAGLINE Steven; PRONIER Charlotte; QUENET Benjamin; SASSI Mohamed; THIBAULT Vincent CHU Pontchaillou EPI\_ISL\_4549109, EPI\_ISL\_4549110

EPI ISL 4549024 C.H. GUINGAMP DE TAYRAC Marie: DENOUAL Florent: ETCHEVERRY Amandine: FEBREAU Christine: GALIBERT Marie Dominique: GROLHIER Claire: IAGLINE Steven: PRONIER Charlotte: OUENET Benjamin: SASSI Mohamed: THIBAULT Vincent EPI ISL 4549033

EPI\_SL\_4539760, EPI\_SL\_4539761, EPI\_SL\_4539761, EPI\_SL\_4549026, EPI\_SL\_4549025, EPI\_SL\_4549027, EPI\_SL\_4549027 EPI ISL 4549172, EPI ISL 4549174

see above C.H. LE DAMANY LANNION-TRESTEL CHU Pontchaillou DE TAYRAC Marie: DENOUAL Florent: DUFOUR Marie lose: ETCHEVERRY Amandine: FEBREAU Christine: GALIBERT Marie Dominique: GROLHIER Claire: IAGLINE Steven: PRONIER Charlotte: OUENET Beniamin: SASSI Mohamed: THIBAULT Vincent EPI ISL 4549173 C.H. PAIMPOL CHU Pontchaillou DE TAYRAC Marie: DENOUAL Florent: ETCHEVERRY Amandine: FEBREAU Christine: GALIBERT Marie Dominique: GROLHIER Claire: IAGLINE Steven: LE MEUR Alexandre: PRONIER Charlotte: OUENET Benjamin: SASSI Mohamed: THIBAULT Vincent C.H. ST BRIEUC DE TAYRAC Marie: DENOUAL Florent: DUPIN Clarisse: ETCHEVERRY Amandine: FEBREAU Christine: GALIBERT Marie Dominique: GROLHIER Claire: IAGLINE Steven: MORVAN Odile: PRONIER Charlotte: OUENET Beniamin: SASSI Mohamed: THIBAULT Vincent EPI ISL 4549058 CHU Pontchaillou EPI ISL 4549053 C.H. ST MALO DE TAYRAC Marie: DENOUAL Florent: ETCHEVERRY Amandine: FEBREAU Christine: GALIBERT Marie Dominique: GOURMELEN Frédéric: GROLHIER Claire: IAGLINE Steven: MIGNARD Sophie: PRONIER Charlotte: OUENET Benjamin: SASSI Mohamed: THIBAULT Vincent CHU Pontchaillou EPI ISL 4549154 C.H.I REDON-CARENTOIR CHU Pontchaillou DE TAYRAC Marie; DENOUAL Florent; ETCHEVERRY Amandine; FEBREAU Christine; GALIBERT Marie Dominique; GROLHIER Claire; JAGLINE Steven; PRONIER Charlotte; QUENET Benjamin; SASSI Mohamed; THIBAULT Vincen

EPI\_ISL\_4740400 iPROMISE, UiTM Ariza Adnan; Fadzilah Mohd Nor; Lim Wai Feng; Mohd Asif Mohd Sukri; Mohd Nur Fakhruzzaman Noorizhab; Mohd Zaki Salleh; Sazzli Shahlan Kassim; Siti Farah Alwani Mohd Nawi; Siti Hamimah Sheikh Abdul Kadir; Teh Lay Kek; Wang Seok Mui

EPI ISL 4664765, EPI ISL 4666418, EPI ISL 4667036, EPI ISL 4675176, EPI ISL 4679428, EPI ISL 4685881, EPI ISL 46858929, EPI ISL 4697634, EPI ISL 4698693, EPI ISL 4702233, EPI ISL 4702744, EPI ISL 4702934, EPI ISL 4703320, EPI ISL 4708083 CENTRO MEDICO NAVAL SEMAR MORALES RAMIREZ OMAR, BALTIERRA URIBE SHANTAL, MEIXUEIRO CALDERON CLAUDIA, ZUNO CORONADO TEUTLI, GARCIA ALEGRIA IRMA, ALVAREZ IIMENEZ VIOLETA DEIANIRA, LOPEZ BUSTOS ABRAHAM, CABRERA GONZALEZ MOISES, LIEVANO ESQUINCA IAZMIN, FIGUEROA ANTONIO VICTOR, ROMERO MORENO see above CENTRO MEDICO NAVAL LABORATORIO DE PATOLOGÍA SEMAR LABORATORIO DE EDGAR. CAZAREZ APATICA JAVIER. ROMERO EPEJEL MARIA ELENEA. MORA HEREDIA JOSE EDUARDO. RUBIO ORTIZ MARGARITA. GALLARDO VERA FRANCISCO.; MORALES RAMIREZ OMAR. MEIXUEIRO CALDERON CLAUDIA. ZUNO CORONADO TEUTLI. GARCIA ÁLEGRIA IRMA. ALVAREZ JIMENEZ VIOLETA DEJANIRA.

EPI ISL 4550996, EPI ISL 4550997, EPI ISL 4550998, EPI ISL 4550999, EPI ISL 4550999, EPI ISL 4551000, EPI ISL 4551001, EPI ISL 4551023, EPI ISL 4551024, EPI ISL 4551025, EPI ISL 4551026, EPI ISL 4551027, EPI ISL 4551028, EPI ISL 4551029 see above CENTROLAB Universidad Nacional de

Andres F. Cardona-Rios; Carlos Franco-Muñoz; Carolina Muñoz-Arango; Celeny Ortiz; Daniel O. Maldonado-Perez; Diego A. Álvarez-Díaz; Hector Alejandro Ruiz-Moreno; Idabely Betancur Ortiz; Jorge E. Osorio; Juan P. Hernandez-Ortiz; Karl A Ciuoderis; Katherine Laiton-Donato; Laura Silvana Perez; Lina M. Hurtado; Colombia - Laboratorio Marcela Mercado-Reyes; Maria Angélica Maya; Maria Stella López; Rita Almanza Payares; Sandra Ines Cano; Simón Villegas Velásquez Genómico One Health

EPI\_ISL\_4584835, EPI\_ISL\_4584949, EPI\_ISL\_4584997, EPI\_ISL\_4585133, EPI\_ISL\_4585141, EPI\_ISL\_4585147, EPI\_ISL\_4585155, EPI\_ISL\_4585160, EPI\_ISL\_4585169, EPI\_ISL\_4585175, EPI\_ISL\_458526

Institute of Molecular and see above CGB laboratoř, a.s Barbora Blumová; Hana Jaworek; Marián Hajdúch; Rastislav Slavkovský; Vladimíra Koudeláková Translational Medicine /

Laboratory of Experimenta Medicine, Faculty of Medicine and Dentistry. Palacky University

PATOLOGÍA MOLECULAR

LOPEZ BUSTOS ABRAHAM. CABRERA GONZALEZ MOISES. LIEVANO ESQUINCA JAZMIN. FIGUEROA ANTONIO VICTOR. ROMERO MORENO EDGAR. CAZAREZ APATICA JAVIER. ROMERO EPEJEL MARIA ELENEA. MORA HEREDIA JOSE EDUARDO. RUBIO ORTIZ MARGARITA. GALLARDO VERA FRANCISCO.

Ari Rao; Kimberly Walker; Linden Morales; Marcus Volz; Shelby Johnson

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EPI\_ISL\_4518809, EPI\_ISL\_4518811, EPI\_ISL\_4518812, EPI\_ISL\_4518813, EPI\_ISL\_4634494, EPI\_ISL\_4634495, EPI\_ISL\_4634496, EPI\_ISL\_4634505, EPI\_ISL\_4634508, EPI\_ISL\_4634509

see above CH ANGOULEME CHU Poitiers Agnes BEBY-DEFAUX: Birama N'DIAYE: Caroline MICHAUD: Jean-Philippe DA MOTA: Magali GARCIA: Manon PRAT: Maxime PICHON: Nicolas LEVEOUE

EPI ISL 4518806 CH LA ROCHELLE CHU Poitiers Agnes BEBY-DEFAUX: Birama N'DIAYE: Caroline MICHAUD: Jean-Philippe DA MOTA: Magali GARCIA: Manon PRAT: Maxime PICHON: Nicolas LEVEQUE

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EPI_ISL_4635451, EPI_ISL_4635458, EPI_ISL_4638335, EPI_ISL_4638337	Connaught Hospital Laboratory	Central Public Health Reference Laboratory	Allan Campbell; Anu Jegede-Williams; Cyrus Yiaba; Doris Harding; Julian (	Campbell; Prof Foday Sahr; Prof Isatta Wurie; Prof. Foday Sahr; Prof. Isatta Wurie; Prof. Sahr Gevao; Samuel Sorie; Santigle Kamara; Simon Ruhweza; Zein Souma
EPI_ISL_4741921, EPI_ISL_4741943	Cotabato Regional and Medical Center	Philippine Genome Center	Jaime C. Montoya; Jan Michael C. Yap; Jarvin E. Nipales; Jo-Hannah S. Llames; John Q. Wong; Joshua Gregor A. Rosario Singh-Vergeire; Maria Sofia L. Yangzon; Marielle M. Gamboa; Marissa Alejandria; Niña Franc	thia P. Saloma; Devon Ray Pacia; Diomedes A. Cariño; Edsel Maurice Salvana; El King D. Morado; Elcid Aaron R. Pangilinan; Eva Maria Cutiongco-de la Paz; Francis A. Tablizo; Henrietta Marie Rodríguez; Dizon; Juan Antonio R. Magalang; Karol Sophia Agape R. Padilla; Kenneth M. Kim; Kris P. Punayan; Kristina Patriz Dela Cruz; Lindsay Clare D.L. Carandang; Ma. Exanil Plantig; Marc Edsel C. Ayes; Maria esses Bustamante; Razel Nikka M. Hao; Renato Jacinto Q. Mantaring; Rianna Patricia S. Cruz; Shiela Mae M. Araiza; Yvonne Valerie Austria; Zipporah Mariebelle R. Enriquez; Zyrel V. Mollejon
EPI_ISL_4741368, EPI_ISL_4742054, EPI_ISL_4742059, EPI_ISL_4742264, EPI_ISL_4742324	DAVAO REGIONAL MEDICAL CENTER	Philippine Genome Center	Jaime C. Montoya; Jan Michael C. Yap; Jarvin E. Nipales; Jo-Hannah S. Llames; John Q. Wong; Joshua Gregor A. I	thia P. Saloma; Devon Ray Pacia; Diomedes A. Cariño; Edsel Maurice Salvana; El King D. Morado; Elicid Aaron R. Pangilinan; Eva Maria Cutiongco-de la Paz; Francis A. Tablizo; Henrietta Marie Rodriguez; Dizoro; Juan Antonio R. Magalang; Karol Sophia Agape R. Padilia; Kenneth M. Kim; Kris P. Punayan; Kristina Pourbe Dela Cruz; Lindsay Clare DL. Carandang; Ma. Exanil Plantig; Marc Edsel C. Ayes; Maria Cessel C. Wim, Kris P. Punayan; Kristina Pourbe Dela Cruz; Lindsay Clare DL. Carandang; Ma. Exanil Plantig; Marc Edsel C. Ayes; Maria Classes Carandang; Ma. Exanil Plantig; Marc Edsel C. Ayes; Maria Classes Carandang; Ma. Exanil Plantig; Marc Edsel C. Ayes; Maria Classes Carandang; Ma. Exanil Plantig; Marc Edsel C. Ayes; Maria Classes Carandang; Ma. Exanil Plantig; Marc Edsel C. Ayes; Maria Classes Carandang; Ma. Exanil Plantig; Marc Edsel C. Ayes; Maria Classes Carandang; Ma. Exanil Plantig; Marc Edsel C. Ayes; Maria Classes Carandang; Ma. Exanil Plantig; Marc Edsel C. Ayes; Maria Classes Carandang; Ma. Exanil Plantig; Marc Edsel C. Ayes; Maria Classes Carandang; Ma. Exanil Plantig; Marc Edsel C. Ayes; Maria Classes Carandang; Ma. Exanil Plantig; Marc Edsel C. Ayes; Maria Classes Carandang; Ma. Exanil Plantig; Marc Edsel C. Ayes; Ma
EPI_ISL_4712015, E	PI_ISL_4712023, EPI_ISL_4712031, EPI_I	SL_4712068, EPI_ISL_4712077	7, EPI_ISL_4712165, EPI_ISL_4712183, EPI_ISL_4741947, EPI_ISL_4741992, EPI_ISL_4742030, EPI_ISL_4742095, EPI_	I_ISL_4742103, EPI_ISL_4742156, EPI_ISL_4742170, EPI_ISL_4742226, EPI_ISL_4742241
see above	Davao One World Diagnostic Center Incorporated	Philippine Genome Center	Jaime C. Montoya; Jan Michael C. Yap; Jarvin E. Nipales; Jo-Hannah S. Llames; John Q. Wong; Joshua Gregor A. I	thia P. Saloma; Devon Ray Pacial; Diomedes A. Cariño; Edsel Maurice Salvana; El King D. Morado; Elcid Aaron R. Pangilinan; Eva Maria Cutiongco-de la Paz; Francis A. Tablizo; Henrietta Marie Rodriguez; Dizon; Juan Antonio R. Magalang; Karol Sophia Agape R. Padilla; Kenneth M. Kin; Kris P. Punayan; Kristina Patriz Dela Cruz; Lindaya Clera D.L. Carandang; Ma. Exanil Plantig; Marc Edsel C. Ayes; Maria Escas Bustamante; Razel Nikka; M. Hao; Renato Jacinto Q. Mantaring; Rianna Patricia S. Cruz; Shield Mae M. Araiza; Yvonne Valerie Austria; Ziporah Mariebelle R. Enriquez; Zyrel V. Mollejon
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see above	Davao Regional Medical Center	Philippine Genome Center	Henrietta Marie Rodriguez; Jaime C. Montoya; Jan Michael C. Yap; Jarvin E. Nipales; Jo-Hannah S. Llames; John I	I. Lapid; Celia Carlos; Cynthia P. Saloma; Devon Ray Pacial; Diomedes A. Cariño; Edsel Maurice Salvana; El King D. Morado; Elcid Aaron R. Pangilinan; Eva Maria Cutiongco-de la Paz; Francis A. Tablizo; Michael Egana; John Q. Wong; Joshua Gregor A. Dizon; Joshua Jose Endozo; Juan Antonio R. Magalang; Karol Sophia Agape R. Padilla; Kenneth M. Kim; Kris P. Punayan; Kristina Patriz Dela Cruz; Lindsay on; Marielle M. Gamboa; Marissa Alejandria; Niña Francesca Bustamante; Razel Nikka M. Hao; Renato Jacinto Q. Mantaring; Rianna Patricia S. Cruz; Shiela Mae M. Araiza; Yvonne Valerie Austria; Zipporah Mariebelle R. Enriquez; Zyrel V. Mollejon
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EPI\_ISL\_4510318, Centro de Salud Familiar Lican Ray Unidad de Genómica y

Research Centre, National Institutes of Health, Ministry of Health Malaysia EPI ISL 4491641 GHDC - SITE ST IOSEPH Institut de Pathologie et lérémie Gras: Pascale Hilbert

Genetique (IPG) EPI ISL 4508316, EPI ISL 4508317, EPI ISL 4508318, EPI ISL 4508319, EPI ISL 4508320, EPI ISL 4508321, EPI ISL 4508322, EPI ISL 4508323

CFRBA HealthCare

Grupo Inmunovirología. Universidad de Antioquia

Tropical Infectious Diseases

see above GSI LAB National Institute of Health Arie Ardiansvah Nugraha: Faiar Nur Sulistivohadi: Hana Apsari Pawestri: Hartanti Dian Ikawati: Kartika Dewi Puspa; Krisna Pangesti: Meutia Kumaheri: Nelly Puspandari: Subangkit; Triyani Soekarso: Vivi Setiawaty

FPI ISI 4762156 Genome Analysis Center, Yamanashi Genome Analysis Center Yosuke Hirotsu EPI ISL 4762161 Central Hospital Yamanashi Central Hospital

EPI ISL 4491515. Genomik Solidaritas Indonesia Genomik Solidaritas Annisa Muthiah Sukirman; Anuraj Shankar; Ariel Pradipta; Ayodhia Pitaloka Pasaribu; Decy Subekti; Dhahlia Agustina Cahyono; Eka Airlangga; Esti Rahayuning Tias; Gracia Felias Enos Korompis; Hasanul Arifin; Hendri Wijaya; Louisa Markus; Meutia Ayuputeri Kumaheri; Raph Hamers; Reinhart Gabriel; Stefanus EPI\_ISL\_4491516 Laboratorium Indonesia Laboratorium Bernard; Suwarti; Vania Gavrila Wikasa

EPI ISL 4491517 EPI ISL 4491518 EPI ISL 4491520

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Gorgas Memorial Laboratory Castillo lorge: Chen Maria: Franco Danilo: Gonzalez Claudia: Jessica Gondola: Leyda Abrego: Lonez-Verges Sandra: Marlenne Castillo: Martinez Alexander: Menacho Abdiel: Moreno Ambar: Moreno Brechla: Oris Chavarria: Ortiz Alma: Salazar Jacqueline see above Gorgas Memorial Laboratory of EPI ISI 4602697 Grambling/Foster Johnson Health Grambling State University Albertina Riser: Audrev Y. Kim: Calandra Moore: Dawn Holmes: Iamie I. Newman: Kimbrevana McDuffie: Lori Brisco: Patrice Lewis-Outlev: Paul Kim: Sharon Greer: Thomas Bishot

EPI ISL 4602698. Center, Grambling State University EPI ISL 4602700

EPI ISL 4602701 EPI\_ISL\_4727635, Grambling/Foster Johnson Health LSUHS Emerging Viral Threat Albertina Riser; Audrey Y. Kim: Calandra Moore: Dawn Holmes; Iamie I. Newman; Kimbrevana McDuffie; Lori Brisco; Patrice Lewis-Outley; Paul Kim: Sharon Green EPI ISL 4727639 Center, Grambling State University Laboratory

Bénédicte Roquebert; Laura Verdurme; Sabine Trombert; Stéphanie Haim-Boukobza

Francisco I, Diaz: Maria T, Rugeles: Wbeimar Aguilar-limenez

AsmaAnati CheMatSeri: Che-Norainon Yaacob: lia-Yi Tan: Io-Ern Wong: Kim-Kee Tan: Mulva-Mustika-Sari Zulkifli: Noor Svahida Azizan: Nur-Hidavana Mahfodz: Sazaly AbuBakar: Siti-Sarah Nor'e

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EPI\_ISL\_4549188 Grupo Inmunovirología, Universidad

EPI\_ISL\_4824800

FPI ISI 4565025

EPI_ISL_4565044, EPI_ISL_4565045	HOSPITAL AMPANG	Tropical Infectious Diseases Research & Education Centre (TIDREC), Universiti Malaya	AsmaAnati CheMatSeri; Che-Norainon Yaacob; Jia-Yi Tan; Jo-Ern Wong; Kim-Kee Tan; Mulya-Mustika-Sari Zulkifli; Noor Syahida Azizan; Nur-Hidayana Mahfodz; Sazaly AbuBakar; Siti-Sarah Nor'e
EPI_ISL_4565040	HOSPITAL ANGKATAN TENTERA TUANKU MIZAN	Tropical Infectious Diseases Research & Education Centre (TIDREC), Universiti Malaya	AsmaAnati CheMatSeri; Che-Norainon Yaacob; Jia-Yi Tan; Jo-Ern Wong; Kim-Kee Tan; Mulya-Mustika-Sari Zulkifli; Noor Syahida Azizan; Nur-Hidayana Mahfodz; Sazaly AbuBakar; Siti-Sarah Nor'e
EPI_ISL_4565043	HOSPITAL BAHAGIA ULU KINTA	Tropical Infectious Diseases Research & Education Centre (TIDREC), Universiti Malaya	AsmaAnati CheMatSeri; Che-Norainon Yaacob; Jia-Yi Tan; Jo-Ern Wong; Kim-Kee Tan; Mulya-Mustika-Sari Zulkifli; Noor Syahida Azizan; Nur-Hidayana Mahfodz; Sazaly AbuBakar; Siti-Sarah Nor'e
EPI_ISL_4740363, EF	PI_ISL_4740364, EPI_ISL_4740366, EPI_		. EPI_ISL_4740375, EPI_ISL_4740378, EPI_ISL_4740382, EPI_ISL_4740383, EPI_ISL_4740386, EPI_ISL_4740387, EPI_ISL_4740395, EPI_ISL_4740402
see above	HOSPITAL BALIK PULAU	iPROMISE, UiTM	Ariza Adnan; Fadzilah Mohd Nor; Lim Wai Feng; Mohd Asif Mohd Sukri; Mohd Nur Fakhruzzaman Noorizhab; Mohd Zaki Salleh; Sazzli Shahlan Kassim; Siti Farah Alwani Mohd Nawi; Siti Hamimah Sheikh Abdul Kadir; Teh Lay Kek; Wang Seok Mui
EPI_ISL_4601220	HOSPITAL DE CIUDAD NEILY	Inciensa, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Adriana Godinez; Claudio Soto-Garita; Estela Cordero; Francisco Duarte; Hebleen Porras; Joselyn Prado & Daniel Solano Sanchez; José Luis Vargas; Mariela Gutiérrez; Melany Calderón
EPI_ISL_4601172	HOSPITAL DE GUAPILES	Inciensa, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Adriana Godinez; Claudio Soto-Garita; Estela Cordero; Francisco Duarte; Hebleen Porras; Joselyn Prado & César Cerdas Quesada; José Luis Vargas; Mariela Gutiérrez; Melany Calderón
EPI_ISL_4601170	HOSPITAL DE LAS MUJERES DR. ADOLFO CARIT EVA	Inciensa, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Adriana Godínez; Claudio Soto-Garita; Estela Cordero; Francisco Duarte; Hebleen Porras; Joselyn Prado & Sofía Elena Chaves Solís; José Luis Vargas; Mariela Gutiérrez; Melany Calderón
EPI_ISL_4601181	HOSPITAL DR. CARLOS LUIS VALVERDE VEGA	Inciensa, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Adriana Godínez; Claudio Soto-Garita; Estela Cordero; Francisco Duarte; Hebleen Porras; Joselyn Prado & Melissa Wong Araya; José Luis Vargas; Mariela Gutiérrez; Melany Calderón
EPI_ISL_4601195, EPI_ISL_4601199	HOSPITAL DR. ENRIQUE BALTODANO BRICEÑO		Adriana Godinez; Claudio Soto-Garita; Estela Cordero; Francisco Duarte; Hebleen Porras; Joselyn Prado & Adriana Bermudez Espinoza; Joselyn Prado & Adriana Bermúdez Espinoza; José Luis Vargas; Mariela Gutiérrez; Melany Calderón
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see above	HOSPITAL DR. RAFAEL A. CALDERON GUARDIA	Inciensa, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Adriana Godínez; Claudio Soto-Garita; Estela Cordero; Francisco Duarte; Hebleen Porras; Joselyn Prado & Fabian Salas Flores; Joselyn Prado & Fabián Salas Flores; José Luis Vargas; Mariela Gutiérrez; Melany Calderón
EPI_ISL_4601214	HOSPITAL DR. TOMAS CASAS CASAJUS	Inciensa, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Adriana Godínez; Claudio Soto-Garita; Estela Cordero; Francisco Duarte; Hebleen Porras; Joselyn Prado & Hernando Vargas Vargas; José Luis Vargas; Mariela Gutiérrez; Melany Calderón
EPI_ISL_4601184	HOSPITAL DR. WILLIAM ALLEN	Inciensa, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Adriana Godínez; Claudio Soto-Garita; Estela Cordero; Francisco Duarte; Hebleen Porras; José Luis Vargas; Mariela Gutiérrez & Joselyn Prado; Melany Calderón
EPI_ISL_4601212	HOSPITAL GUAPILES	Inciensa, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Adriana Godínez; Claudio Soto-Garita; Estela Cordero; Francisco Duarte; Hebleen Porras; Joselyn Prado & John Claudio Blanco Perez; José Luis Vargas; Mariela Gutiérrez; Melany Calderón
EPI_ISL_4601175, EPI_ISL_4601207, EPI_ISL_4601242	HOSPITAL MEXICO	Inciensa, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Adriana Godínez; Claudio Soto-Garita; Estela Cordero; Francisco Duarte; Hebleen Porras; Joselyn Prado & Juan Carlos Villalobos Ugalde; Joselyn Prado & Juan Carlos Villalobos Ugalde; José Luis Vargas; Mariela Gutiérrez; Melany Calderón
EPI_ISL_4601217, EPI_ISL_4601218	HOSPITAL MONSEÑOR SANABRIA	Inciensa, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Adriana Godínez; Claudio Soto-Garita; Estela Cordero; Francisco Duarte; Hebleen Porras; Joselyn Prado & Andrea Moreno Carvajal; José Luis Vargas; Mariela Gutiérrez; Melany Calderón
EPI_ISL_4601188	HOSPITAL NACIONAL PSIQUIATRICO DR. ROBERTO CHACON PAUT	Inciensa, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Adriana Godínez; Claudio Soto-Garita; Estela Cordero; Francisco Duarte; Hebleen Porras; José Luis Vargas; Mariela Gutiérrez & Joselyn Prado; Melany Calderón
EPI_ISL_4601177, EPI_ISL_4601182	HOSPITAL SAN FRANCISCO DE ASIS	Inciensa, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Adriana Godínez; Claudio Soto-Garita; Estela Cordero; Francisco Duarte; Hebleen Porras; Joselyn Prado & Ricardo Mora; Joselyn Prado & Sindy Alfaro Q.; José Luis Vargas; Mariela Gutiérrez; Melany Calderón
EPI_ISL_4601205, EPI_ISL_4601225, EPI_ISL_4601232, EPI_ISL_4601238, EPI_ISL_4601243	HOSPITAL SAN JUAN DE DIOS	Inciensa, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Adriana Godínez; Claudio Soto-Garita; Estela Cordero; Francisco Duarte; Hebleen Porras; Joselyn Prado & Juliana Mora Cortés; Joselyn Prado & Karina Vargas Miranda; José Luis Vargas; Mariela Gutiérrez; Melany Calderón
	HOSPITAL SAN VITO DE COTO BRUS	Inciensa, Instituto Costarricense de Investigación y Enseñanza	Adriana Godínez; Claudio Soto-Garita; Estela Cordero; Francisco Duarte; Hebleen Porras; José Luis Vargas; Mariela Gutiérrez & Joselyn Prado; Melany Calderón
EPI_ISL_4513507, EPI_ISL_4513508, EPI_ISL_4731202, EPI_ISL_4731203, EPI_ISL_4816829	HOSPITAL SULTANAH NORA ISMAIL	en Nutrición y Salud UKM Medical Molecular Biology Institute (UMBI)	Mira Farzana binti Mohamad Mokhtar
EPI_ISL_4601178	HOSPITAL UPALA	Inciensa, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Adriana Godínez; Claudio Soto-Garita; Estela Cordero; Francisco Duarte; Hebleen Porras; José Luis Vargas; Mariela Gutiérrez & Joselyn Prado; Melany Calderón
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see above	HPTU	Laboratorio Departamental de Salud Publica de Antioquia	Andres F. Cardona-Rios; Cristian Arbey Velarde Hoyos; Gloria Isabel Escobar; Idabely Betancur Ortiz; Juan P. Hernandez-Ortiz; Maria Stella López
EPI_ISL_4565007, EPI_ISL_4565008, EPI_ISL_4565009, EPI_ISL_4565010, EPI_ISL_4565011, EPI_ISL_4565012	HRPB, Ipoh	Tropical Infectious Diseases Research & Education Centre (TIDREC), Universiti Malaya	AsmaAnati CheMatSeri; Che-Norainon Yaacob; Jia-Yi Tan; Jo-Ern Wong; Kim-Kee Tan; Mulya-Mustika-Sari Zulkifli; Noor Syahida Azizan; Nur-Hidayana Mahfodz; Sazaly AbuBakar; Siti-Sarah Nor'e
	Hi-Precision Diagnostic Center (QC)	Philippine Genome Center	Alethea R. de Guzman; Anna Ong-Lim; Arianne A. Zamora; Benedict A. Maralit; Carlo M. Lapid; Celia Carlos; Cynthia P. Saloma; Devon Ray Pacial; Diomedes A. Cariño; Edsel Maurice Salvana; El King D. Morado; Elcid Aaron R. Pangilinan; Eva Maria Cutiongco-de la Paz; Francis A. Tablizo; Henrietta Marie Rodriguez; Jaime C. Montoya; Jan Michael C. Yap; Jarvin E. Nipales; Jo-Hannah S. Llames; John Q. Wong; Joshua Gregor A. Dizon; Juan Antonio R. Magalang; Karol Sophia Agape R. Padilla; Kenneth M. Kim; Kris P. Punayan; Kristina Patriz Dela Cruz; Lindsay Clare D.L. Carandang; Ma. Exanil Plantig; Marc Edsel C. Ayes; Maria Rosario Singh-Vergeire; Maria Sofia L. Yangzon; Marielle M. Gamboa; Marissa Alejandria; Niña Francesca Bustamante; Razel Nikka M. Hao; Renato Jacinto Q. Mantaring; Rianna Patricia S. Cruz; Shiela Mae M. Araiza; Yvonne Valerie Austria; Zipporah Mariebelle R. Enriquez; Zyrel V. Mollejon

EPI\_ISL\_4574531, EPI\_ISL\_4574533, EPI\_ISL\_4574535, EPI\_ISL\_4574536, EPI\_ISL\_4574539, EPI\_ISL\_4574547, EPI\_ISL\_4574549, EPI\_ISL\_4574551, EPI\_ISL\_4574552, EPI\_ISL\_4574552

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see above EPI_ISL_4760505, EPI_ISL_4760506, EPI_ISL_4760507, EPI_ISL_4760508	Hiwa hospital Home Quarantine Taskforce	DeepSeq Nottingham Hong Kong Department of Health	Alex Tarr; C Patrick McClure; Christopher Moore; Fel Sang; Johnny Debebe; Jonathan Ball; Matthew Corlisle; Matthew Loose; Nadine Holmes; Paywast Jamal Jalal; Sazan Qadir Maulud; Shalaw Sardar Faraj; Victoria Wright  Alan K.L. Tsang; Edman T.K. Lam; Ken H.L. Ng; Peter C.W. Yip; Rickjason C.W. Chan
EPI_ISL_4503639, EP EPI_ISL_4503777, EP EPI_ISL_4545352, EP EPI_ISL_4600651, EP EPI_ISL_4600788, EP	ISL 4503804, EPI ISL 4503805, EPI	ISL_4503806, EPI_ISL_4503807, ISL_4545363, EPI_ISL_4545364, ISL_4600716, EPI_ISL_4600717, ISL_4600791, EPI_ISL_4600792,	, EP_ISL_4503674, EP_ISL_4503681, EP_ISL_4503682, EP_ISL_4503691, EP_ISL_4503707, EP_ISL_4503707, EP_ISL_4503709, EP_ISL_4503709, EP_ISL_4503710, EP_ISL_4503711, EP_ISL_4503711, EP_ISL_4503709, EP_ISL_4503711, EP_ISL_45037
see above	Hospital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Alexandra Ducancelle; Angela Brisebarre; Anne Cady; Anne Vachee; Anne-France Georgel; Benjamin Maneglie; Benoit Sarret; Camille Capel; Catherine FranÇOis; Catherine Gaudry Graffin; Christelle Auvray; Christine Febreau; Christophe Malabat; CléMence Guillaume; Corinne Maufrais; Cyril Hoche; CéLine Bressollette; Elena Guillotel; Emeline Riverain; Eric Farfour; Etienne Simon-Lorière; Facon; Frédéric Lemoine; Ghu Paris Psychiatrie; Guy Galeazzi; Haciba Moudjahed; Isabelle Gros; Isabelle Joly; José-Manuel Ramirez; Julien Fumey; JéRome Guinard; L. Courdavault; Laura Djamdjian; Louise Lefrançois; LéA Pilorge; Mama Imene Fodil Pacha; Marianne Burgard; Marion Barbet; Maryline Lallemand; Maud Vanpeene; Méline Bizard; Pierre Alain Billy; Pierre Patac; Sandrine Castelain; Slim El-Khiari; Sophie Dekeyser; Sophie Mignard; Sylvie Behillil; Sylvie Van der Werf; Thibault Guinoiseau; ValéRie Serazin; Vincent Enouf; Vincent Thibault; Zehaira Benseddick
EPI_ISL_4557932, EP	I_ISL_4557933, EPI_ISL_4557934, EPI	_ISL_4557942, EPI_ISL_4557943,	, EPI_ISL_4557944, EPI_ISL_4557945, EPI_ISL_4557946, EPI_ISL_4557947, EPI_ISL_4557948, EPI_ISL_4557950, EPI_ISL_4557951
see above	Hospital Ampang	Malaysia Genome Institute	Azrin Ahmad; Enizza Kasim; Irni Suhayu Sapian; Mohd Faizal Abu Bakar; Mohd Ghows Mohd Azzam.; Mohd Noor Mat Isa; Nor Azfa Johari; Nurhezreen Md Iqbal; Shamsidar Sopie; Siti Noraini Othman; Yusuf Muhammad Noor
EPI_ISL_4510317	Hospital Dr. Hernán Henríquez Aravena	Unidad de Genómica y Bioinformática, Núcleo Científico y Tecnológico en Biorecursos (BIOREN), Universidad de La Frontera	Alvaro Cerda; Claudio Rodriguez; Claudio Vásquez; Israel Giacaman; Katterin Bobadilla; María de la Luz Mora; Michel Abanto; Nicolás Saavedra; Pia Riquelme; Sindy Cabarca
EPI_ISL_4557935, EPI_ISL_4601559	Hospital Kuala Lumpur	Malaysia Genome Institute	Azrin Ahmad; Enizza Kasim; Irni Suhayu Sapian; Mohd Faizal Abu Bakar; Mohd Ghows Mohd Azzam.; Mohd Noor Mat Isa; Nor Azfa Johari; Nurhezreen Md Iqbal; Shamsidar Sopie; Siti Noraini Othman; Yusuf Muhammad Noor
EPI_ISL_4601565, EPI_ISL_4601570, EPI_ISL_4601571,	Hospital Lahad Datu	Malaysia Genome Institute	Azrin Ahmad; Enizza Kasim; Irni Suhayu Sapian; Mohd Faizal Abu Bakar; Mohd Ghows Mohd Azzam.; Mohd Noor Mat Isa; Nor Azfa Johari; Nurhezreen Md Iqbal; Shamsidar Sopie; Siti Noraini Othman; Yusuf Muhammad Noor
EPI_ISL_4601579 EPI_ISL_4578729	Hospital Mancha Centro	Hospital Mancha Centro	Jorge Gaitan Pitera
EPI_ISL_4513497	Hospital Melaka	Microbiologia  UKM Medical Molecular	Mira Farzana binti Mohamad Mokhtar
		Biology Institute (UMBI)	
EPI_ISL_4601560	Hospital Queen Elizabeth 2	Malaysia Genome Institute Unidad de Genómica v	Azrin Ahmad; Enizza Kasim; Irmi Suhayu Sapian; Mohd Faizal Abu Bakar; Mohd Ghows Mohd Azzam.; Mohd Noor Mat Isa; Nor Azfa Johari; Nurhezreen Md Iqbal; Shamsidar Sopie; Siti Noraini Othman; Yusuf Muhammad Noor
EPI_ISL_4510310, EPI_ISL_4510313	Hospital San Francisco de Pucón	Unidad de Genomica y Bioinformática, Núcleo Científico y Tecnológico en Biorecursos (BIOREN), Universidad de La Frontera	Alvaro Cerda; Claudio Rodriguez; Claudio Vásquez; Israel Giacaman; Katterin Bobadilla; María de la Luz Mora; Michel Abanto; Nicolás Saavedra; Pia Riquelme; Sindy Cabarca
EPI_ISL_4601580	Hospital Selayang	Malaysia Genome Institute	Azrin Ahmad; Enizza Kasim; Imi Suhayu Sapian; Mohd Faizal Abu Bakar; Mohd Ghows Mohd Azzam.; Mohd Noor Mat Isa; Nor Azfa Johari; Nurhezreen Md Iqbal; Shamsidar Sopie; Siti Noraini Othman; Yusuf Muhammad Noor
			, EPI_ISL_4557937, EPI_ISL_4557938, EPI_ISL_4557939, EPI_ISL_4557940, EPI_ISL_4557941, EPI_ISL_4557955, EPI_ISL_4557955, EPI_ISL_4558235, EPI_ISL_4558236, EPI_ISL_4601572, EPI_ISL_4601573, EPI_ISL_4601574, EPI_ISL_4601575, EPI_ISL_4601576, EPI_ISL_4601577
see above	Hospital Sungai Buloh Hospital Universitari i Politècnic La Fe	Malaysia Genome Institute  Virology Laboratory FISABIO	Azrin Ahmad; Enizza Kasim; Irni Suhayu Sapian; Mohd Faizal Abu Bakar; Mohd Ghows Mohd Azzam.; Mohd Noor Mat Isa; Nor Azfa Johari; Nurhezreen Md Iqbal; Shamsidar Sopie; Siti Noraini Othman; Yusuf Muhammad Noor  Alessandra Franze; Ana Gil-Brusola; Beatriz Mengual-Chuliá; Eva González-Barberá; F. Xavier López-Labrador; Javier Díez-Domingo; Jose Luis López-Hontangas; Laura Cano; María Dolores Gómez-Ruiz; Nuria Jiménez-Hernández; Salvador Giner-Almaraz; Sandra García-Esteban
211_132_4003173	de València	- Public Health, Generalitat Valenciana	Alessandra Halled, Find on Statistic Periodic Control of the Contr
EPI_ISL_4600774	Hôpital	National Reference Center for Viruses of Respiratory	Angela Brisebarre; Camille Capel; Christophe Malabat; Corinne Maufrais; Etienne Simon-Lorière; Frédéric Lemoine; Julien Fumey; Louise Lefrançois; Marianne Burgard; Marion Barbet; Maud Vanpeene; Méline Bizard; Slim El Khiari; Sylvie Behillil; Sylvie Van der Werf; Vincent Enouf
		Infections, Institut Pasteur,	
EPI ISI 4713882 EP	I ISI 4715880 FPI ISI 4715899 FPI	Paris	FPI ISI 4716758 FPI ISI 4716331 FPI ISI 4716613 FPI ISI 4716980 FPI ISI 47414449
		Paris _ISL_4715986, EPI_ISL_4716224	, EPI_ISL_4716258, EPI_ISL_4716331, EPI_ISL_4716613, EPI_ISL_4716980, EPI_ISL_4741449  Alethea R. de Guzzman; Anna Ong-Lim; Arianne A. Zamora; Benedict A. Marailt; Carlo M. Lapid; Celia Carlos; Cynthia P. Saloma; Devon Ray Pacial; Diomedes A. Cariño; Edsel Maurice Salvana; El King D. Morado; Elcid Aaron R. Pangilinan; Eva Maria Cutiongco-de la Paz; Francis A. Tablizo; Henrietta Marie Rodriguez; Jaime C. Montoya; Jan Michael C. Yap; Jarvin E. Nipales; Jo-Hannah S. Llames; John Q. Wong; Joshua Gregor A. Dizon; Juan Antonio R. Magalang; Karol Sophia Agape R. Padilla; Kenneth M. Kim; Kris P. Punayan; Kristina Patriz Dela Cruz; Lindsay Clare D.L. Carandang; Ma. Exanil Plantig; Marc Edsel C. Ayes; Maria Rosario Singh-Vergeire; Maria Sofia L. Yangzon; Marielle M. Gamboa; Marissa Alejandria; Niña Francesca Bustamante; Razel Mikka M. Hao; Renato Jacinto Q. Mantaring; Rianna Patricia S. Cruz; Shiela Mae M. Araiza; Yvonne Valerie Austria; Zipporah Mariebelle R. Enriquez; Zyrel V. Mollejon
see above  EPI_ISL_4601691, EP	llocos Training and Regional Medical Center	Paris  ISL_4715986, EPI_ISL_4716224,  Philippine Genome Center  ISL_4601694, EPI_ISL_4601695,	Alethea R. de Guzman; Anna Ong-Lim; Arianne A. Zamora; Benedict A. Maralit; Carlo M. Lapid; Celia Carlos; Cynthia P. Saloma; Devon Ray Pacial; Diomedes A. Cariño; Edsel Maurice Salvana; El King D. Morado; Elcid Aaron R. Pangilinan; Eva Maria Cutiongco-de la Paz; Francis A. Tablizo; Henrietta Marie Rodriguez; Jaime C. Montoya; Jan Michael C. Yap; Javrin E. Nipales; Jo-Hannah S. Llames; John Q. Wong; Joshua Gregor A. Dizon; Juan Antonio R. Magalamg; Karol Sophia Agape R. Padilla; Kenneth M. Kim; Kris P. Punayan; Kristina Patriz Dela Curiz; Lindsay Clare D.L. Carandang; Ma. Exanil Plantig; Marc Edsel C. Ayes; Maria Rosrio Singh-Vergeire; Maria Sofia L. Yangzon; Marielle M. Gamboa; Marissa Alejandria; Niña Francesca Bustamante; Razel Nikika, M. Hao; Renato Jacinto Q. Mantaring; Rianna Patricia S. Cruz; Shiela Mae M. Ariaz; Yvonne Valerie Austria; Zipporah Mariebelle R. Enriquez; Zyrel V. Mollejon P. El J. L. 4601706, EP J. L. 4601699, EP J. L. 4601709, EP J. L. 4601700, EP J. L. 4601701, EP J. L. 4601701, EP J. L. 4601711, EP
see above  EPI_ISL_4601691, EP EPI_ISL_4601713, EP	llocos Training and Regional Medical Center	Paris  JSL_4715986, EPI_JSL_4716224, Philippine Genome Center  JSL_4601694, EPI_JSL_4601695, JSL_4601716, EPI_JSL_4602790, Indian Council of Medical Research-National Institute of Virology, Microbial	Alethea R. de Guzman; Anna Ong-Lin; Arianne A. Zamora; Benedict A. Marailit, Carlo M. Lapid: Celia Carlos; Cynthia P. Saloma; Devon Ray Pacial; Diomedes A. Cariño; Edsel Maurice Salvana; El King D. Morado; Elcid Aaron R. Pangilinan; Eva Maria Cutiong-co-de la Paz; Francis A. Tablizo; Henrietta Marie Rodriguez; Jaime C. Montoya; Jan Michael C. Yap; Javine E. Nipales; Jo-Hannah S. Llames; John Q. Wong; Joshua Gregor A. Dizor, Luan Antonio R. Magalang; Karol Sophia Agape R. Padilla; Kenneth M. Kim; Kir S. P. Punayan; Kristina Patriz Dela Cruz; Lindsay Clare D.L. Carandang; Ma. Exanil Plantig; Marc Edsel C. Ayes; Maria Rosrio Singh-Vergeire; Maria Sofia L. Yangzon; Marielle M. Gamboa; Marissa Alejandria; Niña Francesca Bustamante; Razel Mikka M. Hao; Renato Jacinto Q. Mantaring; Rianna Patricia S. Cruz; Shiela Mae M. Araiza; Yvonne Valerie Austria; Zipporah Mariebelle R. Enriquez; Zyrel V. Mollejon
see above  EPI_ISL_4601691, EP EPI_ISL_4601713, EP	llocos Training and Regional Medical Center I ISL_4601692, EPI_ISL_4601693, EPI_ISL_4601714, EPI_ISL_4601715, EPI Indian Council of Medical Research National Institute of Virology,	Paris  [SL_4715986, EPI_ISL_4716224, Philippine Genome Center  [SL_4601694, EPI_ISL_4601695, [SL_4601716, EPI_ISL_4602790, Indian Council of Medical Research-National Institute	Alethea R. de Guzman; Anna Ong-Lim; Arianne A. Zamora; Benedict A. Maralit; Carlo M. Lapid; Celia Carlos; Cynthia P. Saloma; Devon Ray Pacial; Diomedes A. Cariño; Edsel Maurice Salvana; El King D. Morado; Elcid Aaron R. Pangilinan; Eva Maria Cutiongco-de la Paz; Francis A. Tabilizo; Henrietta Marie Rodriguez; Jaime C. Montoya; Jan Michael C. Yap; Jarvin E. Nipales; Jo-Hannah S. Llames; John Q. Wong; Joshua Gregor A. Dizon; Juan Antonio R. Magalang; Karol Sophia Agape R. Padilla; Kenneth M. Kim; Kirš, P. Punayan; Kristina Patriz Dela Cruz; Lindsay Clare D.L. Carandang; Ma. Exanil Plantig; Marc Edsel C. Ayes; Maria Rosario Singh-Vergeire; Maria Sofia L. Yangzon; Marielle M. Gamboa; Marissa Alejandria; Niña Francesca Bustamante; Razel Nikka M. Hao; Renato Jacinto Q. Mantaring; Rianna Patricia S. Cruz; Shiela Mae M. Araiza; Yonne Valerie Austria; Zipporah Mariebelle R. Enriquez; Zyrel V. Mollejon  E. P. J. L. 4601696, EP. J. L. 4601699, EP. J. L. 4601699, EP. J. L. 4601700, EP. J. L. 4601700, EP. J. L. 4601701, EP. J. L. 4601711, EP. J. L. 4601712, EP. J. L. 4601703, EP. J. L. 460170
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EPI_ISL_4730459		Research, Infectious Disease Research Centre, National	
		Institutes of Health, Ministry of Health Malaysia	
EPI_ISL_4730470,	Kuala Lumpur International Airport	Institute for Medical	Ahmad FA; Ahmad Fazilah NA; Anasir Mi; Azizan MA; Kamel K; Mohd Zawawi Z; Norhisham SN; Ramly N; Robert F; Suppiah J; Thayan R
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EPI_ISL_4730437,	Kudat Hospital	Institute for Medical	Ahmad FA; Ahmad Fazilah NA; Anasir Mi; Azizan MA; Kamel K; Mohd Zawawi Z; Norhisham SN; Ramly N; Robert F; Suppiah J; Thayan R
EPI_ISL_4730441		Research, Infectious Disease Research Centre, National	
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EPI_ISL_4756037	Kulai District Health Office	Institute for Medical	Ahmad FA; Ahmad Fazilah NA; Anasir Mi; Azizan MA; Kamel K; Mohd Zawawi Z; Norhisham SN; Ramly N; Robert F; Suppiah J; Thayan R
		Research, Infectious Disease Research Centre, National	
		Institutes of Health, Ministry of Health Malaysia	
EPI_ISL_4549164	L.A.M REDON	CHU Pontchaillou	DE TAYRAC Marie; DENOUAL Florent; ETCHEVERRY Amandine; FEBREAU Christine; GALIBERT Marie Dominique; GROLHIER Claire; JACLINE Steven; PRONIER Charlotte; QUENET Benjamin; SASSI Mohamed; THIBAULT Vincent
EPI_ISL_4508301, EF			EPI_SL_4508306, EPI_SL_4508307, EPI_SL_4508308, EPI_SL_4508309, EPI_SL_4508311, EPI_SL_4508311, EPI_SL_4508313, EPI_SL_4508315
see above	LAB Hamera Sarana Indonesia	National Institute of Health Research and Development	Arie Ardiansyah Nugraha; Fajar Nur Sulistiyohadi; Hana Apsari Pawestri; Hartanti Dian Ikawati; Kartika Dewi Puspa; Krisna Pangesti; Nelly Puspandari; Subangkit; Triyani Soekarso; Vivi Setiawaty
EPI_ISL_4549167	LABM BIOLOR Scorff	CHU Pontchaillou	DE TAYRAC Marie; DENOUAL Florent; ETCHEVERRY Amandine; FEBREAU Christine; GALIBERT Marie Dominique; GROLHIER Claire; JAGLINE Steven; PRONIER Charlotte; QUENET Benjamin; SASSI Mohamed; THIBAULT Vincent
EPI_ISL_4549166, EPI_ISL_4549168	LABO. DE BIOLOGIE REUNIS	CHU Pontchaillou	DE TAYRAC Marie; DENOUAL Florent; ETCHEVERRY Amandine; FEBREAU Christine; GALIBERT Marie Dominique; GROLHIER Claire; JAGLINE Steven; PRONIER Charlotte; QUENET Benjamin; SASSI Mohamed; THIBAULT Vincent
	PI_ISL_4634498, EPI_ISL_4634499, EPI	_ISL_4634500, EPI_ISL_4634501, I	EPI_ISL_4634502, EPI_ISL_4634503, EPI_ISL_4634504
see above	LABOFFICE	CHU Poitiers	Agnes BEBY-DEFAUX; Birama N'DIAYE; Caroline MICHAUD; Jean-Philippe DA MOTA; Magali GARCIA; Manon PRAT; Maxime PICHON; Nicolas LEVEQUE
EPI_ISL_4744073	LABOPAT	LABOPAT	Cynthia Penaloza; Luis Mendoza; Silvia Montilla
EPI_ISL_4549087, EPI_ISL_4549094	LABORATOIRE CEM	CHU Pontchaillou	DE TAYRAC Marie; DENOUAL Florent; ETCHEVERRY Amandine; FEBREAU Christine; GALIBERT Marie Dominique; GROLHIER Claire; JAGLINE Steven; PRONIER Charlotte; QUENET Benjamin; SASSI Mohamed; THIBAULT Vincent
EPI_ISL_4549137,	LABORATOIRE ST GEORGES	CHU Pontchaillou	DE TAYRAC Marie; DENOUAL Florent; ETCHEVERRY Amandine; FEBREAU Christine; GALIBERT Marie Dominique; GROLHIER Claire; JAGLINE Steven; PRONIER Charlotte; QUENET Benjamin; SASSI Mohamed; THIBAULT Vincent
EPI_ISL_4549138, EPI_ISL_4549139			
EPI_ISL_4601200	LABORATORIO CLINICO DR. ECHAND	I Inciensa, Instituto Costarricense de	Adriana Godinez; Claudio Soto-Garita; Estela Cordero; Francisco Duarte; Hebleen Porras; José Luis Vargas; Mariela Gutiérrez & Joselyn Prado; Melany Calderón
		Investigación y Enseñanza	
EPI ISI 4601169	LABORATORIO CLINICO UNIVERSIDAE	en Nutrición y Salud Inciensa, Instituto	Adriana Godínez; Claudio Soto-Garita; Estela Cordero; Francisco Duarte; Hebleen Porras; José Luis Vargas; Mariela Gutiérrez & Joselyn Prado; Melany Calderón
	DE COSTA RICA (NUCLEO)	Costarricense de Investigación y Enseñanza	
		en Nutrición y Salud	
EPI_ISL_4743415	LABORATORIO ECHAVARRIA	Laboratorio Departamental de Salud Publica de	Andres F. Cardona-Rios; Cristian Arbey Velarde Hoyos; Gloria Isabel Escobar; Idabely Betancur Ortiz; Juan P. Hernandez-Ortiz; Maria Stella López
		Antioquia	
			EPL ISL_4547800, EPL ISL_4547801, EPL ISL_4547801, EPL ISL_4551626, EPL ISL_4551627, EPL ISL_4551628, EPL ISL_4551629, EPL ISL_4551677, EPL ISL_4551677, EPL ISL_4551689, EPL IS
EPI_ISL_4547733, EF see above	PI_ISL_4547796, EPI_ISL_4547797, EPI LABORATORIUM BADAŃ KLINICZNYCH WSSE w OPOLU	Wojewódzka Stacja Sanitarno-Epidemiologiczna	EPLISL_4547800, EPLISL_4547801, EPLISL_4547802, EPLISL_4551626, EPLISL_4551627, EPLISL_4551628, EPLISL_4551629, EPLISL_4551677, EPLISL_4551678, EPLISL_4551689, EPLISL_4551706  Beata Rozwadowska
see above	LABORATORIUM BADAŃ KLINICZNYCH WSSE w OPOLU	Wojewódzka Stacja Sanitarno-Epidemiologiczna w Katowicach	Beata Rozwadowska
see above	LABORATORIUM BADAŃ KLINICZNYCH WSSE W OPOLU PI_ISL_4783452, EPI_ISL_4783459, EPI LABORATORIUM BIOMEDIK LONTAR	Wojewódzka Stacja Sanitarno-Epidemiologiczna w Katowicach _ISL_4783489, EPI_ISL_4783513, I Genomik Solidaritas	
see above  EPI_ISL_4783441, ER  see above	LABORATORIUM BADAŃ KLINICZNYCH WSSE w OPOLU PI_ISL_4783452, EPI_ISL_4783459, EPI LABORATORIUM BIOMEDIK LONTAR FK UNRI	Wojewódzka Stacja Sanitarno-Epidemiologiczna w Katowicach _ISL_4783489, EPI_ISL_4783513, I Genomik Solidaritas Indonesia Laboratorium	Beata Rozwadowska  EPI_ISL_4783531, EPI_ISL_4783536, EPI_ISL_4783549, EPI_ISL_4783552, EPI_ISL_4783563, EPI_ISL_4783570, EPI_ISL_4783580, EPI_ISL_4783589, EPI_ISL_4783597, EPI_ISL_4783601, EPI_ISL_4783619, EPI_ISL_4783629, EPI_ISL_4783643, EPI_ISL_4783676, EPI_ISL_4783688, EPI_ISL_4783703  Annisa Muthiah Sukirman; Anuraj Shankar; Arfianti; Ariel Pradipta; Carissa Sintca Wijaya; Esti Rahayuning Tias; Gracia Felias Enos Koromplis; Himawan Masyhuri; Louisa Markus; Maya Savira; Meutia Ayuputeri Kumaheri; Rahmat Azhari Kemal; Stefanus Bernard
see above  EPI_ISL_4783441, EF  see above  EPI_ISL_4821422, EPI_ISL_4821423,	LABORATORIUM BADAŃ KLINICZNYCH WSSE W OPOLU PI_ISL_4783452, EPI_ISL_4783459, EPI LABORATORIUM BIOMEDIK LONTAR	Wojewódzka Stacja Sanitarno-Epidemiologiczna w Katowicach _ISL_4783489, EPI_ISL_4783513, I Genomik Solidaritas Indonesia Laboratorium Instituto Adolfo Lutz, Interdiciplinary Procedures	Beata Rozwadowska  EPI_ISL_4783531, EPI_ISL_4783536, EPI_ISL_4783549, EPI_ISL_4783552, EPI_ISL_4783563, EPI_ISL_4783570, EPI_ISL_4783580, EPI_ISL_4783589, EPI_ISL_4783597, EPI_ISL_4783601, EPI_ISL_4783619, EPI_ISL_4783629, EPI_ISL_4783643, EPI_ISL_4783676, EPI_ISL_4783703
see above  EPI_ISL_4783441, EFI see above  EPI_ISL_4821422,	LABORATORIUM BADAŃ KLINICZNYCH WSSE w OPOLU PI_ISL_4783452, EPI_ISL_4783459, EPI LABORATORIUM BIOMEDIK LONTAR FK UNRI	Wojewódzka Stacja Sanitarno-Epidemiologiczna w Katowicach LISL_4783489, EPLISL_4783513, I Genomik Solidaritas Indonesia Laboratorium Instituto Adolfo Lutz,	Beata Rozwadowska  EPI_ISL_4783531, EPI_ISL_4783536, EPI_ISL_4783549, EPI_ISL_4783552, EPI_ISL_4783563, EPI_ISL_4783570, EPI_ISL_4783580, EPI_ISL_4783589, EPI_ISL_4783597, EPI_ISL_4783601, EPI_ISL_4783619, EPI_ISL_4783629, EPI_ISL_4783643, EPI_ISL_4783676, EPI_ISL_4783688, EPI_ISL_4783703  Annisa Muthiah Sukirman; Anuraj Shankar; Arfianti; Ariel Pradipta; Carissa Sintca Wijaya; Esti Rahayuning Tias; Gracia Felias Enos Koromplis; Himawan Masyhuri; Louisa Markus; Maya Savira; Meutia Ayuputeri Kumaheri; Rahmat Azhari Kemal; Stefanus Bernard
see above  EPI_ISL_4783441, Ef see above  EPI_ISL_4821422, EPI_ISL_4821423, EPI_ISL_4821424, EPI_ISL_4821425 EPI_ISL_4790166	LABORATORIUM BADAÑ KLINICZNYCH WSSE w OPOLU PI_ISL_4783452, EPI_ISL_4783459, EPI LABORATORIUM BIOMEDIK LONTAR FK UNRI LACEN do Estado de Mato Grosso LBA Jardin Jayan	Wojewódzka Stacja Sanitarno-Epidemiologiczna W Katowicach JISL_4783489, EPI_ISL_4783513, I Genomik Solidaritas Indonesia Laboratorium Instituto Adolfo Lutz, Interdicipilmary Procedures Center, Strategic Laboratory	Beata Rozwadowska  EPI_ISL_4783531, EPI_ISL_4783536, EPI_ISL_4783549, EPI_ISL_4783552, EPI_ISL_4783563, EPI_ISL_4783570, EPI_ISL_4783580, EPI_ISL_4783589, EPI_ISL_4783597, EPI_ISL_4783601, EPI_ISL_4783619, EPI_ISL_4783629, EPI_ISL_4783643, EPI_ISL_4783676, EPI_ISL_4783688, EPI_ISL_4783703  Annisa Muthiah Sukirman; Anuraj Shankar; Arfianti; Ariel Pradipta; Carissa Sintca Wijaya; Esti Rahayuning Tias; Gracia Felias Enos Korompis; Himawan Masyhuri; Louisa Markus; Maya Savira; Meutia Ayuputeri Kumaheri; Rahmat Azhari Kemal; Stefanus Bernard  Claudia Regina Gonçalves; Claudio Tavares Sacchi; Karoline Rodrigues Campos; Marlon Benedito Nascimento Santos  Bénédicte Roquebert; Laura Verdurme; Sabine Trombert; Stéphanie Haim-Boukobza
See above  EPI_ISL_4783441, EI See above  EPI_ISL_4821422, EPI_ISL_4821423, EPI_ISL_4821425 EPI_ISL_490166  EPI_ISL_4824722	LABORATORIUM BADAÑ KLINICZNYCH WSSE W OPOLU PI_ISL_4783452, EPI_ISL_4783459, EPI LABORATORIUM BIOMEDIK LONTAR FK_UNRI LACEN do Estado de Mato Grosso LBA Jardin Jayan LBM Bauden-Bricard	Wojewódzka Stacja Sanitarno-Epidemiologiczna w Katowicach _ISL_4783489, EPI_ISL_4783513, I Genomik Solldaritas Indonesia Laboratorium Instituto Adolfo Lutz, Interdicipinary Procedures Center, Strategic Laboratory CERBA HealthCare CERBA HealthCare	Beata Rozwadowska  EPI_ISL_4783531, EPI_ISL_4783536, EPI_ISL_4783549, EPI_ISL_4783552, EPI_ISL_4783563, EPI_ISL_4783570, EPI_ISL_4783580, EPI_ISL_4783589, EPI_ISL_4783589, EPI_ISL_4783597, EPI_ISL_4783601, EPI_ISL_4783619, EPI_ISL_4783629, EPI_ISL_4783643, EPI_ISL_4783676, EPI_ISL_4783688, EPI_ISL_4783703  Annisa Muthiah Sukirman; Anuraj Shankar; Arfianti; Ariel Pradipta; Carissa Sintca Wijaya; Esti Rahayuning Tias; Gracia Felias Enos Korompis; Himawan Masyhuri; Louisa Markus; Maya Savira; Meutia Ayuputeri Kumaheri; Rahmat Azhari Kemal; Stefanus Bernard  Claudia Regina Gonçalves; Claudio Tavares Sacchi; Karoline Rodrigues Campos; Marlon Benedito Nascimento Santos  Bénédicte Roquebert; Laura Verdurme; Sabine Trombert; Stéphanie Haim-Boukobza  Bénédicte Roquebert; Laura Verdurme; Sabine Trombert; Stéphanie Haim-Boukobza
see above  EPI_ISL_4783441, Ef see above  EPI_ISL_4821422, EPI_ISL_4821423, EPI_ISL_4821424, EPI_ISL_4821425 EPI_ISL_4790166	LABORATORIUM BADAÑ KLINICZNYCH WSSE W OPOLU PI_ISL_4783452, EPI_ISL_4783459, EPI LABORATORIUM BIOMEDIK LONTAR FK UNRI LACEN do Estado de Mato Grosso LBA Jardin Jayan LBM Bauden-Bricard LBM Bois de Verrieres	Wojewódzka Stacja Sanitarno-Epidemiologiczna W Katowicach JISL_4783489, EPI_ISL_4783513, I Genomik Solidaritas Indonesia Laboratorium Instituto Adolfo Lutz, Interdicipilmary Procedures Center, Strategic Laboratory	Beata Rozwadowska  EPI_ISL_4783531, EPI_ISL_4783536, EPI_ISL_4783549, EPI_ISL_4783552, EPI_ISL_4783563, EPI_ISL_4783570, EPI_ISL_4783580, EPI_ISL_4783589, EPI_ISL_4783597, EPI_ISL_4783601, EPI_ISL_4783619, EPI_ISL_4783629, EPI_ISL_4783643, EPI_ISL_4783676, EPI_ISL_4783688, EPI_ISL_4783703  Annisa Muthiah Sukirman; Anuraj Shankar; Arfianti; Ariel Pradipta; Carissa Sintca Wijaya; Esti Rahayuning Tias; Gracia Felias Enos Korompis; Himawan Masyhuri; Louisa Markus; Maya Savira; Meutia Ayuputeri Kumaheri; Rahmat Azhari Kemal; Stefanus Bernard  Claudia Regina Gonçalves; Claudio Tavares Sacchi; Karoline Rodrigues Campos; Marlon Benedito Nascimento Santos  Bénédicte Roquebert; Laura Verdurme; Sabine Trombert; Stéphanie Haim-Boukobza
See above  EPI_ISL_4783441, EI	LABORATORIUM BADAÑ KLINICZNYCH WSSE W OPOLU PI_ISL_4783452, EPI_ISL_4783459, EPI LABORATORIUM BIOMEDIK LONTAR FK_UNRI LACEN do Estado de Mato Grosso LBA Jardin Jayan LBM Bauden-Bricard	Wojewódzka Stacja Sanitarno-Epidemiologiczna w Katowicach LISL_4783489, EPI_ISL_4783513, I Genomik Solidaritas Indonesia Laboratorium Instituto Adolfo Lutz, Interdiciplinary Procedures Center, Strategic Laboratory CERBA HealthCare CERBA HealthCare	Beata Rozwadowska  EPI_ISL_4783531, EPI_ISL_4783536, EPI_ISL_4783549, EPI_ISL_4783552, EPI_ISL_4783563, EPI_ISL_4783570, EPI_ISL_4783580, EPI_ISL_4783589, EPI_ISL_4783597, EPI_ISL_4783601, EPI_ISL_4783619, EPI_ISL_4783629, EPI_ISL_4783643, EPI_ISL_4783676, EPI_ISL_4783688, EPI_ISL_4783703  Annisa Muthiah Sukirman; Anuraj Shankar; Arfianti; Ariel Pradipta; Carissa Sintca Wijaya; Esti Rahayuning Tias; Gracia Felias Enos Korompis; Himawan Masyhuri; Louisa Markus; Maya Savira; Meutia Ayuputeri Kumaheri; Rahmat Azhari Kemal; Stefanus Bernard  Claudia Regina Gonçalves; Claudio Tavares Sacchi; Karoline Rodrigues Campos; Marlon Benedito Nascimento Santos  Bénédicte Roquebert; Laura Verdurme; Sabine Trombert; Stéphanie Haim-Boukobza  Bénédicte Roquebert; Laura Verdurme; Sabine Trombert; Stéphanie Haim-Boukobza
See above  EPI_ISL_4783441, EI See above  EPI_ISL_4821422, EPI_ISL_4821423, EPI_ISL_4821425 EPI_ISL_4821425 EPI_ISL_4790166  EPI_ISL_4790207 EPI_ISL_4824572, EPI_ISL_4824517, EPI_ISL_4824617, EPI_ISL_4824624	LABORATORIUM BADAÑ KLINICZNYCH WSSE W OPOLU  PI_ISL_4783452, EPI_ISL_4783459, EPI LABORATORIUM BIOMEDIK LONTAR FK UNRI  LACEN do Estado de Mato Grosso  LBA Jardin Jayan  LBM Bauden-Bricard  LBM Bois de Verrieres  LBM Bretigny - Moinerie	Wojewódzka Stacja Sanitarno-Epidemiologiczna w Katowicach "ISL_4783489, EPi_ISL_4783513, I Genomik Solidaritas Indonesia Laboratorium Instituto Adolfo Lutz, Interdicipiinary Procedures Center, Strategic Laboratory  CERBA HealthCare CERBA HealthCare CERBA HealthCare CERBA HealthCare	Beata Rozwadowska  EPI_ISL_4783531, EPI_ISL_4783536, EPI_ISL_4783549, EPI_ISL_4783552, EPI_ISL_4783563, EPI_ISL_4783570, EPI_ISL_4783580, EPI_ISL_4783589, EPI_ISL_4783589, EPI_ISL_4783601, EPI_ISL_4783619, EPI_ISL_4783629, EPI_ISL_4783643, EPI_ISL_4783676, EPI_ISL_4783688, EPI_ISL_4783703 Annisa Muthiah Sukirman; Anuraj Shankar; Arfianti; Ariel Pradipta; Carissa Sintca Wijaya; Esti Rahayuning Tias; Gracia Felias Enos Korompis; Himawan Masyhuri; Louisa Markus; Maya Savira; Meutia Ayuputeri Kumaheri; Rahmat Azhari Kemal; Stefanus Bernard Claudia Regina Gonçalves; Claudio Tavares Sacchi; Karoline Rodrigues Campos; Marlon Benedito Nascimento Santos  Bénédicte Roquebert; Laura Verdurme; Sabine Trombert; Stéphanie Haim-Boukobza
See above  EPI_ISL_4783441, EI	LABORATORIUM BADAÑ KLINICZNYCH WSSE W OPOLU PI_ISL_4783452, EPI_ISL_4783459, EPI LABORATORIUM BIOMEDIK LONTAR FK UNRI LACEN do Estado de Mato Grosso  LBA Jardin Jayan LBM Bauden-Bricard LBM Bois de Verrieres LBM Bretigny - Moinerie  LBM Bretigny - Moinerie	Wojewódzka Stacja Sanitarno-Epidemiologiczna w Katowicach _ISL_4783489, EPI_ISL_4783513, I Genomik Solidaritas Indonesia Laboratorium Instituto Adolfo Lutz, Interdiciplinary Procedures Center, Strategic Laboratory CERBA HealthCare CERBA HealthCare CERBA HealthCare CERBA HealthCare CERBA HealthCare	Beata Rozwadowska  EPI_ISL_4783531, EPI_ISL_4783536, EPI_ISL_4783549, EPI_ISL_4783552, EPI_ISL_4783563, EPI_ISL_4783570, EPI_ISL_4783580, EPI_ISL_4783589, EPI_ISL_4783597, EPI_ISL_4783601, EPI_ISL_4783619, EPI_ISL_4783643, EPI_ISL_4783676, EPI_ISL_4783688, EPI_ISL_4783703  Annisa Muthiah Sukirman; Anuraj Shankar; Arfianti; Ariel Pradipta; Carissa Sintca Wijaya; Esti Rahayuning Tias; Gracia Felias Enos Korompis; Himawan Masyhuri; Louisa Markus; Maya Savira; Meutia Ayuputeri Kumaheri; Rahmat Azhari Kemal; Stefanus Bernard  Claudia Regina Gonçalves; Claudio Tavares Sacchi; Karoline Rodrigues Campos; Marfon Benedito Nascimento Santos  Bénédicte Roquebert; Laura Verdurme; Sabine Trombert; Stéphanie Haim-Boukobza
see above  EPI_ISL_4783441, Ef see above  EPI_ISL_4821422, EPI_ISL_4821423, EPI_ISL_4821425  EPI_ISL_4821425  EPI_ISL_47901.06  EPI_ISL_4824572, EPI_ISL_4824572, EPI_ISL_4824573, EPI_ISL_4824573  EPI_ISL_4824573  EPI_ISL_4824573	LABORATORIUM BADAÑ KLINICZNYCH WSSE w OPOLU  PI_ISL_4783452, EPI_ISL_4783459, EPI LABORATORIUM BIOMEDIK LONTAR FK UNRI  LACEN do Estado de Mato Grosso  LBA Jardin Jayan LBM Bauden-Bricard LBM Bois de Verrieres LBM Bretigny - Moinerie  LBM Bretigny - Moinerie  LBM Breuillet LBM Bussy Saint Georges	Wojewódzka Stacja Sanitarno-Epidemiologiczna w Katowicach JESL_4783489, EPI_ISL_4783513, I Genomik Solidaritas Indonesia Laboratorium Instituto Adolfo Lutz, Interdicipilnary Procedures Center, Strategic Laboratory  CERBA HealthCare CERBA HealthCare CERBA HealthCare CERBA HealthCare CERBA HealthCare CERBA HealthCare	Beata Rozwadowska  EPI_ISL_4783531, EPI_ISL_4783536, EPI_ISL_4783549, EPI_ISL_4783552, EPI_ISL_4783552, EPI_ISL_4783557, EPI_ISL_4783589, EPI_ISL_4783597, EPI_ISL_4783601, EPI_ISL_4783609, EPI_ISL_4783609, EPI_ISL_4783608, EPI_ISL_4783703 Annisa Muthiah Sukirman; Anuraj Shankar; Arfianti; Ariel Pradipta; Carissa Sintca Wijaya; Esti Rahayuning Tias; Gracia Felias Enos Korompis; Himawan Masyhuri; Louisa Markus; Maya Savira; Meutia Ayuputeri Kumaheri; Rahmat Azhari Kemal; Stefanus Bernard  Claudia Regina Gonçalves; Claudio Tavares Sacchi; Karoline Rodrigues Campos; Marlon Benedito Nascimento Santos  Bénédicte Roquebert; Laura Verdurme; Sabine Trombert; Stéphanie Haim-Boukobza
See above  EPI_ISL_4783441, EI	LABORATORIUM BADAÑ KLINICZNYCH WSSE W OPOLU PI_ISL_4783452, EPI_ISL_4783459, EPI LABORATORIUM BIOMEDIK LONTAR FK UNRI LACEN do Estado de Mato Grosso  LBA Jardin Jayan LBM Bauden-Bricard LBM Bois de Verrieres LBM Bretigny - Moinerie  LBM Bretigny - Moinerie	Wojewódzka Stacja Sanitarno-Epidemiologiczna w Katowicach _ISL_4783489, EPI_ISL_4783513, I Genomik Solidaritas Indonesia Laboratorium Instituto Adolfo Lutz, Interdiciplinary Procedures Center, Strategic Laboratory CERBA HealthCare CERBA HealthCare CERBA HealthCare CERBA HealthCare CERBA HealthCare	Beata Rozwadowska  EPI_ISL_4783531, EPI_ISL_4783536, EPI_ISL_4783549, EPI_ISL_4783552, EPI_ISL_4783563, EPI_ISL_4783570, EPI_ISL_4783580, EPI_ISL_4783589, EPI_ISL_4783597, EPI_ISL_4783601, EPI_ISL_4783619, EPI_ISL_4783643, EPI_ISL_4783676, EPI_ISL_4783688, EPI_ISL_4783703  Annisa Muthiah Sukirman; Anuraj Shankar; Arfianti; Ariel Pradipta; Carissa Sintca Wijaya; Esti Rahayuning Tias; Gracia Felias Enos Korompis; Himawan Masyhuri; Louisa Markus; Maya Savira; Meutia Ayuputeri Kumaheri; Rahmat Azhari Kemal; Stefanus Bernard  Claudia Regina Gonçalves; Claudio Tavares Sacchi; Karoline Rodrigues Campos; Marfon Benedito Nascimento Santos  Bénédicte Roquebert; Laura Verdurme; Sabine Trombert; Stéphanie Haim-Boukobza
See above  EPI_ISL_4783441, Ef see above  EPI_ISL_4821422, EPI_ISL_4821423, EPI_ISL_4821425, EPI_ISL_4790166  EPI_ISL_48214722  EPI_ISL_4790207  EPI_ISL_4824572, EPI_ISL_4824517, EPI_ISL_4824517, EPI_ISL_4824517, EPI_ISL_4824523, EPI_ISL_4824530, EPI_ISL_4824730  EPI_ISL_4824730  EPI_ISL_4824730  EPI_ISL_4824730  EPI_ISL_4824730  EPI_ISL_4824730  EPI_ISL_4824730  EPI_ISL_4824730	LABORATORIUM BADAÑ KLINICZNYCH WSSE w OPOLU  PLISL_4783452, EPI_ISL_4783459, EPI LABORATORIUM BIOMEDIK LONTAR FK UNRI  LACEN do Estado de Mato Grosso  LBA Jardin Jayan  LBM Bauden-Bricard  LBM Bauden-Bricard  LBM Breuillet  LBM Breuillet  LBM Breuillet  LBM Bresy Saint Georges  LBM Cerballiance Mazamet	Wojewódzka Stacja Sanitarno-Epidemiologiczna w Katowicach _ISL_4783489, EPI_ISL_4783513, I Genomik Solidaritas Indonesia Laboratorium Instituto Adolfo Lutz, Interdicipilmary Procedures Center, Strategic Laboratory  CERBA HealthCare	Beata Rozwadowska  EPI_ISL_4783531, EPI_ISL_4783549, EPI_ISL_4783552, EPI_ISL_4783563, EPI_ISL_4783668, EPI_ISL_4783703  Annisa Muthiah Sukirman; Anuraj Shankar; Arfianti; Ariel Pradipta; Carissa Sintca Wijaya; Esti Rahayuning Tias; Gracia Felias Enos Korompis; Himawan Masyhuri; Louisa Markus; Maya Savira; Meutia Ayuputeri Kumaheri; Rahmat Azhari Kemal; Stefanus Bernard  Claudia Regina Gonçalves; Claudio Tavares Sacchi; Karoline Rodrigues Campos; Marion Benedito Nascimento Santos  Bénédicte Roquebert; Laura Verdurme; Sabine Trombert; Stéphanie Haim-Boukobza
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See above  EPI_ISL_4783441, EF See above  EPI_ISL_4821422, EPI_ISL_4821423, EPI_ISL_4821423, EPI_ISL_4821425  EPI_ISL_4790166  EPI_ISL_4790166  EPI_ISL_4790176  EPI_ISL_4824572, EPI_ISL_4824572, EPI_ISL_4824623, EPI_ISL_4824623, EPI_ISL_4824730  EPI_ISL_4824730  EPI_ISL_4824743	LABORATORIUM BADAÑ KLINICZNYCH WSSE w OPOLU  PI_ISL_4783452, EPI_ISL_4783459, EPI LABORATORIUM BIOMEDIK LONTAR FK UNRI  LACEN do Estado de Mato Grosso  LBA Jardin Jayan LBM Bauden-Bricard LBM Bauden-Bricard LBM Breuillet LBM Breuillet LBM Breuillet LBM Breuillet LBM Breuillet LBM Cerballiance Mazamet LBM Cerballiance Rangueil LBM Chilly - Francois Mouthon LBM Courcouronnes LBM Deuil La Barre LBM Eaubonne Montmorency LBM La Trinite LBM Lardy LBM La Raincy Montfermeil LBM Lersaroux  PI_ISL_47901.31, EPI_ISL_47901.41, EPI JISL_4824555, EPI_ISL_4824561, EPI JISL_4824555, EPI_ISL_4824661, EPI JISL_4824555, EPI_ISL_4824661, EPI JISL_4824555, EPI_ISL_4824661, EPI JISL_4824555, EPI_ISL_4824661, EPI JISL_4824575, EPI_ISL_4824601, EPI JISL_4824575, EPI_ISL_4824601, EPI JISL_4824575, EPI_ISL_4824601, EPI JISL_4824575, EPI_ISL_4824861, EPI JISL_4824575, EPI_ISL_4824861, EPI JISL_4824575, EPI_ISL_4824861, EPI JISL_4824575, EPI_ISL_4824861, EPI JISL_4824575, EPI_ISL_4824807, EPI	Wojewódzka Stacja Sanitarno-Epidemiologiczna W Katowicach JISL_4783489, EPI_ISL_4783513, I Genomik Solidaritas Indonesia Laboratorium Instituto Adolfo Lutz, Interdicipilmary Procedures Center, Strategic Laboratory  CERBA HealthCare LERBA HealthCare CERBA HealthCare LERBA HEALTH	Beata Rozwodowska  EPI_SL_4783536, EPI_SL_4783549, EPI_SL_4783552, EPI_SL_4783563, EPI_SL_4783567, EPI_SL_4783569, EPI_SL_4783569, EPI_SL_4783601, EPI_SL_4783601, EPI_SL_4783679, EPI_SL_4783676, EPI_SL_4783676, EPI_SL_4783678, EPI_SL_4783773  Annisa Muthiah Sukiman; Anuraj Shankar; Arlianti; Arlei Pradipta; Carisas Sintex Wijaya; Esti Rahayuning Tias; Gracia Felias Erook Korompis; Himawan Masyhuri; Louisa Markus; Maya Savirs; Meutia Ayuputeri Kumaheri; Rahmat Athari Kemal; Stefanus Bernard  Claudia Regina Gonçalves; Claudio Tavares Sacchi; Karoline Rodrigues Campos, Marfon Benedito Nascimento Santos  Bénédicte Roquebert; Laura Verdurme; Sabine Trombert; Stéphanie Haim-Boukobza Bénédicte Roquebert; Laura Verdurm
See above  EPI_ISL_4783141, Ef See above  EPI_ISL_4821422, EPI_ISL_4821423, EPI_ISL_4821423, EPI_ISL_4821425, EPI_ISL_4821425, EPI_ISL_4790106  EPI_ISL_4824722  EPI_ISL_4824523, EPI_ISL_4824523, EPI_ISL_4824523, EPI_ISL_4824730  EPI_ISL_4824730  EPI_ISL_4824731  EPI_ISL_4824731  EPI_ISL_4824773  EPI_ISL_4820399  EPI_ISL_4820399  EPI_ISL_4820392  EPI_ISL_4820392  EPI_ISL_4824777  EPI_ISL_4790146  EPI_ISL_4790147  EPI_ISL_4790149  EPI_ISL_4790141  EPI_ISL_4790446  EPI_ISL_47904473	LABORATORIUM BADAN KLINICZNYCH WSSE w OPOLU PI_ISL_4783452, EPI_ISL_4783459, EPI LABORATORIUM BIOMEDIK LONTAR FK UNRI LACEN do Estado de Mato Grosso  LBA Jardin Jayan LBM Bauden-Bricard LBM Bois de Verrieres LBM Bretigny - Moinerie  LBM Cerballiance Razamet LBM Cerballiance Rangueil LBM Courcouronnes LBM Courcouronnes LBM Courcouronnes LBM Deuil La Barre LBM La Barre LBM La Barre LBM La Trinite LBM LE Raincy Montfermeil LBM LBM LESCATORU PLISL_4790131, EPI_ISL_4824561, EPI LBM LE RAZ4555, EPI_ISL_482457, EPI_ISL_	Wojewódzka Stacja Sanitarno-Epidemiologiczna w Katowicach JSL_4783489, EPI_ISL_4783513, I Genomik Solidaritas Indonesia Laboratorium Instituto Adolfo Lutz, Interdicipilmary Procedures Center, Strategic Laboratory  CERBA HealthCare	Beata Rozwadowska  EPI_USL_4783531, EPI_USL_4783536, EPI_USL_4783552, EPU_USL_4783553, EPU_USL_4783550, EPU_
See above  EPI_ISL_4783441, EF See above  EPI_ISL_4821422, EPI_ISL_4821423, EPI_ISL_4821425, EPI_ISL_4821425  EPI_ISL_4790166  EPI_ISL_4790166  EPI_ISL_4824572, EPI_ISL_4824572, EPI_ISL_4824572, EPI_ISL_4824623, EPI_ISL_4824623, EPI_ISL_4824730  EPI_ISL_4824730  EPI_ISL_4824733  EPI_ISL_4824733  EPI_ISL_4824733  EPI_ISL_4824733  EPI_ISL_4824733  EPI_ISL_4824737  EPI_ISL_4790134  EPI_ISL_4790144  EPI_ISL_4790144  EPI_ISL_4790147  EPI_ISL_4790147  EPI_ISL_4790147  EPI_ISL_4824737  EPI_ISL_4824550, EF EPI_ISL_4824550, EF EPI_ISL_4824551, EF EPI_ISL_4824551, EF EPI_ISL_4824515, EF EPI_ISL_4824551, EF EPI_ISL_4824515, EF EP	LABORATORIUM BADAÑ KLINICZNYCH WSSE w OPOLU  PI_ISL_4783452, EPI_ISL_4783459, EPI LABORATORIUM BIOMEDIK LONTAR FK UNRI  LACEN do Estado de Mato Grosso  LBA Jardin Jayan LBM Bauden-Bricard LBM Bauden-Bricard LBM Breuillet LBM Breuillet LBM Breuillet LBM Breuillet LBM Breuillet LBM Cerballiance Mazamet LBM Cerballiance Rangueil LBM Chilly - Francois Mouthon LBM Courcouronnes LBM Deuil La Barre LBM Eaubonne Montmorency LBM La Trinite LBM Lardy LBM La Raincy Montfermeil LBM Lersaroux  PI_ISL_47901.31, EPI_ISL_47901.41, EPI JISL_4824555, EPI_ISL_4824561, EPI JISL_4824555, EPI_ISL_4824661, EPI JISL_4824555, EPI_ISL_4824661, EPI JISL_4824555, EPI_ISL_4824661, EPI JISL_4824555, EPI_ISL_4824661, EPI JISL_4824575, EPI_ISL_4824601, EPI JISL_4824575, EPI_ISL_4824601, EPI JISL_4824575, EPI_ISL_4824601, EPI JISL_4824575, EPI_ISL_4824861, EPI JISL_4824575, EPI_ISL_4824861, EPI JISL_4824575, EPI_ISL_4824861, EPI JISL_4824575, EPI_ISL_4824861, EPI JISL_4824575, EPI_ISL_4824807, EPI	Wojewódzka Stacja Sanitarno-Epidemiologiczna W Katowicach JISL_4783489, EPI_ISL_4783513, I Genomik Solidaritas Indonesia Laboratorium Instituto Adolfo Lutz, Interdicipilmary Procedures Center, Strategic Laboratory  CERBA HealthCare LERBA HealthCare CERBA HealthCare LERBA HEALTH	Beata Rozwodowska  EPI_SL_4783536, EPI_SL_4783549, EPI_SL_4783552, EPI_SL_4783563, EPI_SL_4783567, EPI_SL_4783569, EPI_SL_4783569, EPI_SL_4783601, EPI_SL_4783601, EPI_SL_4783679, EPI_SL_4783676, EPI_SL_4783676, EPI_SL_4783678, EPI_SL_4783773  Annisa Muthiah Sukiman; Anuraj Shankar; Arlianti; Arlei Pradipta; Carisas Sintex Wijaya; Esti Rahayuning Tias; Gracia Felias Erook Korompis; Himawan Masyhuri; Louisa Markus; Maya Savirs; Meutia Ayuputeri Kumaheri; Rahmat Athari Kemal; Stefanus Bernard  Claudia Regina Gonçalves; Claudio Tavares Sacchi; Karoline Rodrigues Campos, Marfon Benedito Nascimento Santos  Bénédicte Roquebert; Laura Verdurme; Sabine Trombert; Stéphanie Haim-Boukobza Bénédicte Roquebert; Laura Verdurm
See above  EPI_ISL_4783441, Ef See above  EPI_ISL_4821422, EPI_ISL_4821423, EPI_ISL_4821423, EPI_ISL_4821425, EPI_ISL_4821425 EPI_ISL_4790106  EPI_ISL_4824722 EPI_ISL_4824517, EPI_ISL_4824617, EPI_ISL_4824617, EPI_ISL_4824730 EPI_ISL_4824730 EPI_ISL_4824730 EPI_ISL_4824731 EPI_ISL_4824731 EPI_ISL_4824731 EPI_ISL_4824731 EPI_ISL_4824731 EPI_ISL_4824731 EPI_ISL_4820399 EPI_ISL_4820399 EPI_ISL_4820391 EPI_ISL_4790146 EPI_ISL_4790146 EPI_ISL_4790147 EPI_ISL_4790147 EPI_ISL_4790119, EI EPI_ISL_4824550, EI EPI_ISL_482450, EI EPI_ISL	LABORATORIUM BADAN KLINICZNYCH WSSE w OPOLU PI_ISL_4783452, EPI_ISL_4783459, EPI LABORATORIUM BIOMEDIK LONTAR FK UNRI LACEN do Estado de Mato Grosso  LBA Jardin Jayan LBM Bauden-Bricard LBM Bois de Verrieres LBM Bretigny - Moinerie  LBM LBM Cerballiance Mazamet LBM Cerballiance Mazamet LBM Cerballiance Mazamet LBM Cerballiance Rangueil LBM Courcouronnes LBM Courcouronnes LBM Courcouronnes LBM Courcouronnes LBM LBM LB Barre LBM Lardy  LBM La Trinite LBM Lardy  LBM La Trinite LBM Lardy  LBM La Raincy Montfermeil LBM Lescaroux  PI_ISL_4824551, EPI_ISL_4824561, EPI LBM LBM LST, EPI_ISL_482407, EPI LBM Porte de la Chapelle LBM Vaureal  LBM Vaureal	Wojewódzka Stacja Sanitarno-Epidemiologiczna w Katowicach JSL_4783489, EPI_SL_4783513, I Genomik Solidaritas Indonesia Laboratorium Instituto Adolfo Lutz, Interdicipilmary Procedures Center, Strategic Laboratory  CERBA HealthCare	Beate Rozwedoveska  EPI_ISL_4783536, EPI_ISL_4783546, EPI_ISL_4783552, EPI_ISL_4783550, EPI_ISL_4783560, EPI_ISL_4783560, EPI_ISL_4783560, EPI_ISL_4783560, EPI_ISL_4783560, EPI_ISL_4783560, EPI_ISL_4783600, EPI
see above  EPI_ISL_4783441, EF see above  EPI_ISL_4821422, EPI_ISL_4821423, EPI_ISL_4821423, EPI_ISL_4821425  EPI_ISL_4821425  EPI_ISL_4821472  EPI_ISL_4824722  EPI_ISL_4824673, EPI_ISL_4824673, EPI_ISL_4824673  EPI_ISL_4824730  EPI_ISL_4824730  EPI_ISL_4824730  EPI_ISL_4824743  EPI_ISL_4824743  EPI_ISL_4820390  EPI_ISL_4790421  EPI_ISL_4790427	LABORATORIUM BADAN KLINICZNYCH WSSE w OPOLU  PI_ISL_4783452, EPI_ISL_4783459, EPI LABORATORIUM BIOMEDIK LONTAR FK UNRI  LACEN do Estado de Mato Grosso  LBA Jardin Jayan LBM Bauden-Bricard LBM Bois de Verrieres LBM Breuillet LBM Breuillet LBM Breuillet LBM Breuillet LBM Cerballiance Mazamet LBM Caurcouronnes LBM Deuil La Barre LBM LBM Courcouronnes LBM Deuil La Barre LBM Lardy  LBM La Trinite LBM La Trinite LBM La Trinite LBM LBS LATY90131, EPI_ISL_4824551, EPI_ISL_4824555, EPI_ISL_4824551, EPI_ISL_4824555, EPI_ISL_4824501, EPI_ISL_4824555, EPI_ISL_4824561, EPI_ISL_4824551, EPI_ISL_4824561, EPI_ISL_4824561	Wojewódzka Stacja Sanitarno-Epidemiologiczna W Katowicach JESL_4783489, EPI_ISL_4783513, I Genomik Solidaritas Indonesia Laboratorium Instituto Adolfo Lutz, Interdicipilnary Procedures Center, Strategic Laboratory  CERBA HealthCare	Beats Rozwedowska  EPI_SL_4783536, EPI_SL_4783536, EPI_SL_4783552, EPI_SL_4783552, EPI_SL_4783553, EPI_SL_4783536, EPI_SL_4783537, EPI_SL_4783536, EPI_SL_4783547, EPI_SL_4783536, EPI_SL_4783536, EPI_SL_4783547, EPI_SL_4783
See above  EPI_ISL_4783441, EF See above  EPI_ISL_4821422, EPI_ISL_4821423, EPI_ISL_4821423, EPI_ISL_4821425  EPI_ISL_4821425  EPI_ISL_4824722  EPI_ISL_4824722  EPI_ISL_4824623, EPI_ISL_4824730  EPI_ISL_4824730  EPI_ISL_4824730  EPI_ISL_4824730  EPI_ISL_4824730  EPI_ISL_4824743  EPI_ISL_4824783  EPI_ISL_4824791  EPI_ISL_4820391  EPI_ISL_4824743  EPI_ISL_4820390  EPI_ISL_4824753  EPI_ISL_4820390  EPI_ISL_4790430  EPI_ISL_4790430  EPI_ISL_4790430  EPI_ISL_4790427  EPI_ISL_4790427  EPI_ISL_4790427  EPI_ISL_4790427  EPI_ISL_4790427  EPI_ISL_4790427  EPI_ISL_4790427  EPI_ISL_4790427  EPI_ISL_4824569  EPI_ISL_4824569  EPI_ISL_4824569  EPI_ISL_48664269	LABORATORIUM BADAN KLINICZNYCH WSSE w OPOLU PI_ISL_4783452, EPI_ISL_4783459, EPI LABORATORIUM BIOMEDIK LONTAR FK UNRI LACEN do Estado de Mato Grosso  LBA Jardin Jayan LBM Bauden-Bricard LBM Bois de Verrieres LBM Bretigny - Moinerie  LBM LBM Cerballiance Mazamet LBM Cerballiance Mazamet LBM Cerballiance Mazamet LBM Cerballiance Rangueil LBM Courcouronnes LBM Courcouronnes LBM Courcouronnes LBM Courcouronnes LBM LBM LB Barre LBM Lardy  LBM La Trinite LBM Lardy  LBM La Trinite LBM Lardy  LBM La Raincy Montfermeil LBM Lescaroux  PI_ISL_4824551, EPI_ISL_4824561, EPI LBM LBM LST, EPI_ISL_482407, EPI LBM Porte de la Chapelle LBM Vaureal  LBM Vaureal	Wojewódzka Stacja Sanitarno-Epidemiologiczna W Katowicach JESL_4783489, EPI_ISL_4783513, I Genomik Solidaritas Indonesia Laboratorium Instituto Adolfo Lutz, Interdicipilnary Procedures Center, Strategic Laboratory  CERBA HealthCare	Beate Rozwedoveska  EPI_ISL_4783536, EPI_ISL_4783546, EPI_ISL_4783552, EPI_ISL_4783550, EPI_ISL_4783560, EPI_ISL_4783560, EPI_ISL_4783560, EPI_ISL_4783560, EPI_ISL_4783560, EPI_ISL_4783560, EPI_ISL_4783600, EPI
See above  EPI_ISL_4783441, EF See above  EPI_ISL_4821422, EPI_ISL_4821423, EPI_ISL_4821423, EPI_ISL_4821423, EPI_ISL_4821423, EPI_ISL_4790126  EPI_ISL_4824722 EPI_ISL_482452, EPI_ISL_482452, EPI_ISL_482452, EPI_ISL_482452, EPI_ISL_482452, EPI_ISL_4824733 EPI_ISL_4823992 EPI_ISL_4824777 EPI_ISL_4824777 EPI_ISL_4824777 EPI_ISL_4824737 EPI_ISL_4824731 EPI_ISL_4824731 EPI_ISL_4824731 EPI_ISL_4824731 EPI_ISL_4824731 EPI_ISL_4824731 EPI_ISL_4824731 EPI_ISL_4824731 EPI_ISL_4824731 EPI_ISL_4890430 EPI_ISL_4790123 EPI_ISL_4790123 EPI_ISL_4866426,	LABORATORIUM BADAN KLINICZNYCH WSSE w OPOLU  PI_ISL_4783452, EPI_ISL_4783459, EPI LABORATORIUM BIOMEDIK LONTAR FK UNRI  LACEN do Estado de Mato Grosso  LBA Jardin Jayan LBM Bauden-Bricard LBM Bois de Verrieres LBM Breuillet LBM Breuillet LBM Breuillet LBM Breuillet LBM Cerballiance Mazamet LBM Caurcouronnes LBM Deuil La Barre LBM LBM Courcouronnes LBM Deuil La Barre LBM Lardy  LBM La Trinite LBM La Trinite LBM La Trinite LBM LBS LATY90131, EPI_ISL_4824551, EPI_ISL_4824555, EPI_ISL_4824551, EPI_ISL_4824555, EPI_ISL_4824501, EPI_ISL_4824555, EPI_ISL_4824561, EPI_ISL_4824551, EPI_ISL_4824561, EPI_ISL_4824561	Wojewódzka Stacja Sanitarno-Epidemiologiczna w Katowicach JSL_4783489, EPI_ISL_4783513, I Genomik Solidaritas Indonesia Laboratorium Instituto Adolfo Lutz, Interdiciplinary Procedures Center, Strategic Laboratory  CERBA HealthCare	Beats Rozwedowska  EPI_SL_4783536, EPI_SL_4783536, EPI_SL_4783552, EPI_SL_4783552, EPI_SL_4783553, EPI_SL_4783536, EPI_SL_4783537, EPI_SL_4783536, EPI_SL_4783547, EPI_SL_4783536, EPI_SL_4783536, EPI_SL_4783547, EPI_SL_4783

EPI_ISL_4743383, EPI_ISL_4743384	LDSP de Antioquia	Laboratorio Departamental de Salud Publica de Antioquia	Andres F. Cardona-Rios; Cristian Arbey Velarde Hoyos; Gloria Isabel Escobar; Idabely Betancur Ortiz; Juan P. Hernandez-Ortiz; Maria Stella López
EPI_ISL_4602918, EPI_I	SL_4602932, EPI_ISL_4603101,	. EPI_ISL_4603102, EPI_ISL_4603103	S. EPI_ISL_4603104, EPI_ISL_4603105, EPI_ISL_4603108, EPI_ISL_4603109, EPI_ISL_4603110, EPI_ISL_4603111, EPI_ISL_4603112, EPI_ISL_4603113, EPI_ISL_4603114, EPI_ISL_4603115, EPI_ISL_4603116
see above	LESP Aguascalientes	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Abril Rodriguez-Maldonado; Ariadna Medina-Benitez; Claudia Wong-Arambula; Ernesto Ramirez-Gonzalez.; Fernando Gonzalez-Dominguez; Gisela Barrera-Badillo; Irma Lopez-Martinez; Joaquin Quiroz-Mercado; Lucia Hernandez-Rivas; Maribel Gonzalez-Villa; Natividad Cruz-Ortiz; Sergio Rangel-Guerrero; Tatiana Nunez-Garcia; Vanessa Rivero-Arredondo
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see above	LESP Baja California	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Abril Rodriguez-Maldonado; Ariadna Medina-Benitez; Claudia Wong-Arambula; Ernesto Ramirez-Gonzalez.; Fernando Gonzalez-Dominguez; Gisela Barrera-Badillo; Irma Lopez-Martinez; Joaquin Quiroz-Mercado; Lucia Hernandez-Rivas; Maribel Gonzalez-Villa; Natividad Cruz-Ortiz; Sergio Rangel-Guerrero; Tatiana Nunez-Garcia; Vanessa Rivero-Arredondo
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see above	LESP Campeche	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Abril Rodriguez-Maldonado; Ariadna Medina-Benitez; Claudia Wong-Arambula; Ernesto Ramirez-Gonzalez.; Fernando Gonzalez-Dominguez; Gisela Barrera-Badillo; Irma Lopez-Martinez; Joaquin Quiroz-Mercado; Lucia Hernandez-Rivas; Maribel Gonzalez-Villa; Natividad Cruz-Ortiz; Sergio Rangel-Guerrero; Tatiana Nunez-Garcia; Vanessa Rivero-Arredondo
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see above	LESP Chiapas	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Abril Rodriguez-Maldonado; Ariadna Medina-Benitez; Claudia Wong-Arambula; Ernesto Ramirez-Gonzalez.; Fernando Gonzalez-Dominguez; Gisela Barrera-Badillo; Irma Lopez-Martinez; Joaquin Quiroz-Mercado; Lucia Hernandez-Rivas; Maribel Gonzalez-Villa; Natividad Cruz-Ortiz; Sergio Rangel-Guerrero; Tatiana Nunez-Garcia; Vanessa Rivero-Arredondo
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see above	LESP Colima	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Abril Rodriguez-Maldonado; Ariadna Medina-Benitez; Claudia Wong-Arambula; Ernesto Ramirez-Gonzalez.; Fernando Gonzalez-Dominguez; Gisela Barrera-Badillo; Irma Lopez-Martinez; Joaquin Quiroz-Mercado; Lucia Hernandez-Rivas; Maribel Gonzalez-Villa; Natividad Cruz-Ortiz; Sergio Rangel-Guerrero; Tatiana Nunez-Garcia; Vanessa Rivero-Arredondo
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see above	LESP Durango	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Abril Rodriguez-Maldonado; Ariadna Medina-Benitez; Claudia Wong-Arambula; Ernesto Ramirez-Gonzalez.; Fernando Gonzalez-Dominguez; Gisela Barrera-Badillo; Irma Lopez-Martinez; Joaquin Quiroz-Mercado; Lucia Hernandez-Rivas; Maribel Gonzalez-Villa; Natividad Cruz-Ortiz; Sergio Rangel-Guerrero; Tatiana Nunez-Garcia; Vanessa Rivero-Arredondo
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see above	LESP Guanajuato	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Abril Rodriguez-Maldonado; Ariadna Medina-Benitez; Claudia Wong-Arambula; Ernesto Ramirez-Gonzalez.; Fernando Gonzalez-Dominguez; Gisela Barrera-Badillo; Irma Lopez-Martinez; Joaquin Quiroz-Mercado; Lucia Hernandez-Rivas; Maribel Gonzalez-Villa; Natividad Cruz-Ortiz; Sergio Rangel-Guerrero; Tatiana Nunez-Garcia; Vanessa Rivero-Arredondo
EPI_ISL_4602921, EPI_ISL_4602922, EPI_ISL_4602923	LESP Guerrero	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Abril Rodriguez-Maldonado; Ariadna Medina-Benitez; Claudia Wong-Arambula; Ernesto Ramirez-Gonzalez.; Fernando Gonzalez-Dominguez; Gisela Barrera-Badillo; Irma Lopez-Martinez; Joaquin Quiroz-Mercado; Lucia Hernandez-Rivas; Maribel Gonzalez-Villa; Natividad Cruz-Ortiz; Sergio Rangel-Guerrero; Tatiana Nunez-Garcia; Vanessa Rivero-Arredondo
	SL_4602938, EPI_ISL_4602939,	EPI_ISL_4602940, EPI_ISL_4602941	, EPI ISL 4602942, EPI ISL 4602943, EPI ISL 4602944, EPI ISL 4602945, EPI ISL 4602945, EPI ISL 4602946, EPI ISL 4602947, EPI ISL 4602948, EPI ISL 4602948, EPI ISL 4602950, EPI ISL 4602952, EPI ISL 4602953, EPI ISL 4602954
see above	LESP Hidalgo	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Abril Rodriguez-Maldonado; Ariadna Medina-Benitez; Claudia Wong-Arambula; Ernesto Ramirez-Gonzalez.; Fernando Gonzalez-Dominguez; Gisela Barrera-Badillo; Irma Lopez-Martinez; Joaquin Quiroz-Mercado; Lucia Hernandez-Rivas; Maribel Gonzalez-Villa; Natividad Cruz-Ortiz; Sergio Rangel-Guerrero; Tatiana Nunez-Garcia; Vanessa Rivero-Arredondo
		EPI_ISL_4602988, EPI_ISL_4602989	9, EPI_ISL_4602991, EPI_ISL_4602992, EPI_ISL_4602993, EPI_ISL_4602994, EPI_ISL_4602994, EPI_ISL_4602995, EPI_ISL_4602996, EPI_ISL_4603206, EPI_ISL_4603207, EPI_ISL_4603208, EPI_ISL_4603210, EPI_ISL_4603211, EPI_ISL_4603212, EPI_ISL_4603213, EPI_ISL_4603214, EPI_ISL_4603215, EPI_ISL_4603216, EPI_ISL_4603217, EPI_ISL_4603217, EPI_ISL_4603217, EPI_ISL_4603217, EPI_ISL_4603217, EPI_ISL_4603217, EPI_ISL_4603217, EPI_ISL_4603217, EPI_ISL_4603218, EPI
see above	LESP Jalisco	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Abril Rodriguez-Maldonado; Ariadna Medina-Benitez; Claudia Wong-Arambula; Ernesto Ramirez-Gonzalez.; Fernando Gonzalez-Dominguez; Gisela Barrera-Badillo; Irma Lopez-Martinez; Joaquin Quiroz-Mercado; Lucia Hernandez-Rivas; Maribel Gonzalez-Villa; Natividad Cruz-Ortiz; Sergio Rangel-Guerrero; Tatiana Nunez-Garcia; Vanessa Rivero-Arredondo
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see above	LESP Mexico City	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Abril Rodriguez-Maldonado; Ariadna Medina-Benitez; Claudia Wong-Arambula; Ernesto Ramirez-Gonzalez.; Fernando Gonzalez-Dominguez; Gisela Barrera-Badillo; Irma Lopez-Martinez; Joaquin Quiroz-Mercado; Lucia Hernandez-Rivas; Maribel Gonzalez-Villa; Natividad Cruz-Ortiz; Sergio Rangel-Guerrero; Tatiana Nunez-Garcia; Vanessa Rivero-Arredondo
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see above	LESP Morelos	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Abril Rodriguez-Maldonado; Ariadna Medina-Benitez; Claudia Wong-Arambula; Ernesto Ramirez-Gonzalez.; Fernando Gonzalez-Dominguez; Gisela Barrera-Badillo; Irma Lopez-Martinez; Joaquin Quiroz-Mercado; Lucia Hernandez-Rivas; Maribel Gonzalez-Villa; Natividad Cruz-Ortiz; Sergio Rangel-Guerrero; Tatiana Nunez-Garcia; Vanessa Rivero-Arredondo
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see above	LESP Nuevo Leon	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Abril Rodriguez-Maldonado; Ariadna Medina-Benitez; Claudia Wong-Arambula; Ernesto Ramirez-Gonzalez.; Fernando Gonzalez-Dominguez; Gisela Barrera-Badillo; Irma Lopez-Martinez; Joaquin Quiroz-Mercado; Lucia Hernandez-Rivas; Maribel Gonzalez-Villa; Natividad Cruz-Ortiz; Sergio Rangel-Guerrero; Tatiana Nunez-Garcia; Vanessa Rivero-Arredondo
EPI_ISL_4603117	LESP Oaxaca	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Abril Rodriguez-Maldonado; Ariadna Medina-Benitez; Claudia Wong-Arambula; Ernesto Ramirez-Gonzalez.; Fernando Gonzalez-Dominguez; Gisela Barrera-Badillo; Irma Lopez-Martinez; Joaquin Quiroz-Mercado; Lucia Hernandez-Rivas; Maribel Gonzalez-Villa; Natividad Cruz-Ortiz; Sergio Rangel-Guerrero; Tatiana Nunez-Garcia; Vanessa Rivero-Arredondo
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see above	LESP Puebla	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Abril Rodriguez-Maldonado; Ariadna Medina-Benitez; Claudia Wong-Arambula; Ernesto Ramirez-Gonzalez.; Fernando Gonzalez-Dominguez; Gisela Barrera-Badillo; Irma Lopez-Martinez; Joaquin Quiroz-Mercado; Lucia Hernandez-Rivas; Maribel Gonzalez-Villa; Natividad Cruz-Ortiz; Sergio Rangel-Guerrero; Tatiana Nunez-Garcia; Vanessa Rivero-Arredondo
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EPI_ISL_4603093, EPI_I: see above	SL_4603094 LESP Queretaro	Instituto de Diagnostico y	Abril Rodriquez-Maldonado; Ariadna Medina-Benitez; Claudia Wong-Arambula; Ernesto Ramirez-Gonzalez.; Fernando Gonzalez-Dominquez; Gisela Barrera-Badillo; Irma Lopez-Martinez; Joaquin Quiroz-Mercado; Lucia Hernandez-Rivas; Maribel Gonzalez-Villa; Natividad Cruz-Ortiz; Sergio Rangel-Guerrero; Tatiana
see above	LESP Querecaro	Referencia Epidemiologicos (INDRE)	Auth Rounguez-Maldunlado; Anadma Medina-Benitez; Ciadula Wong-Arambula; Ernesto Raminez-Gonzalez.; Fernando Gonzalez-Dominiguez; Gisela Barreta-Bability, Irma Expez-Martinez; Joaquin Quiroz-Mercado; Lucia Hernandez-Rivas; Maribei Gonzalez-Villa; Natividad Cruz-Oruz; Sergio Rangei-Guerrero; Tatulan Nunez-Garcia; Vanessa Rivero-Arredondo
EPI_ISL_4603283, EPI_ISL_4603284	LESP Quintana Roo	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Abril Rodriguez-Maldonado; Ariadna Medina-Benitez; Claudia Wong-Arambula; Ernesto Ramirez-Gonzalez.; Fernando Gonzalez-Dominguez; Gisela Barrera-Badillo; Irma Lopez-Martinez; Joaquin Quiroz-Mercado; Lucia Hernandez-Rivas; Maribel Gonzalez-Villa; Natividad Cruz-Ortiz; Sergio Rangel-Guerrero; Tatiana Nunez-Garcia; Vanessa Rivero-Arredondo
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see above	LESP San Luis Potosi	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Abril Rodriguez-Maldonado; Ariadna Medina-Benitez; Claudia Wong-Arambula; Ernesto Ramirez-Gonzalez.; Fernando Gonzalez-Dominguez; Gisela Barrera-Badillo; Irma Lopez-Martinez; Joaquin Quiroz-Mercado; Lucia Hernandez-Rivas; Maribel Gonzalez-Villa; Natividad Cruz-Ortiz; Sergio Rangel-Guerrero; Tatiana Nunez-Garcia; Vanessa Rivero-Arredondo
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Sergio Rangel-Guerrero; Tatiana EPI ISL 4602935 Referencia Epidemiologicos Nunez-Garcia: Vanessa Rivero-Arredondo FPI ISI 4602936 (INDRE) EPI\_ISL\_4603155 EPI ISL 4602907, EPI ISL 4602908, EPI ISL 4602908, EPI ISL 4603190, EPI ISL 4603190, EPI ISL 4603191, EPI ISL 4603192, EPI ISL 4603193, EPI ISL 4603193, EPI ISL 4603193, EPI ISL 4603203, EPI ISL 4603193, EPI ISL 4603193, EPI ISL 4603193, EPI ISL 4603203, EPI ISL 4603203, EPI ISL 4603203, EPI ISL 4603193, EPI ISL 4603193, EPI ISL 4603193, EPI ISL 4603193, EPI ISL 4603203, EPI IS see ahove LESP Tabasco Instituto de Diagnostico v Abril Rodriguez-Maldonado: Ariadna Medina-Benitez: Claudia Wong-Arambula: Ernesto Ramirez-Gonzalez.: Fernando Gonzalez-Dominguez: Gisela Barrera-Badillo: Irma Lopez-Martinez: Joaquin Ouiroz-Mercado: Lucia Hernandez-Rivas: Maribel Gonzalez-Villa: Natividad Cruz-Ortiz: Sergio Rangel-Guerrero: Tatiana Referencia Epidemiologicos Nunez-Garcia: Vanessa Rivero-Arredondo (INDRF) FPI ISI 4603143, FPI ISI 4603144, FPI ISI 4603145, FPI ISI 4603146, FPI ISI 4603147, FPI ISI 4603148, FPI ISI 4603149, FPI ISI 4603153 Instituto de Diagnostico y Abril Rodriguez-Maldonado: Ariadna Medina-Benitez: Claudia Woog-Arambula: Frnesto Ramirez-Gonzalez: Fernando Gonzalez-Dominguez: Gisela Barrera-Badillo: Irma Lonez-Martinez: Joaquin Quiroz-Mercado: Lucia Hernandez-Rivas: Maribel Gonzalez-Villa: Natividad Cruz-Ortiz: Seroio Rangel-Guerrero: Tatiana I FSP Tamaulinas see above Referencia Enidemiologicos (INIDRE) FPI ISI 4603019, FPI ISI 4603020, FPI ISI 4603021, FPI ISI 4603022, FPI ISI 4603023, FPI ISI 4603024, FPI ISI 4603025, FPI ISI 4603026, FPI ISI 4603029 see above LESP Tlaxcala Instituto de Diagnostico y Abril Rodriguez-Maldonado; Ariadna Medina-Benitez; Claudia Wong-Arambula; Ernesto Ramirez-Gonzalez.; Fernando Gonzalez-Dominguez; Gisela Barrera-Badillo; Irma Lopez-Martinez; Joaquin Quiroz-Mercado; Lucia Hernandez-Rivas; Maribel Gonzalez-Villa; Natividad Cruz-Ortiz; Sergio Rangel-Guerrero; Tatiana Referencia Epidemiologico Nunez-Garcia: Vanessa Rivero-Arredondo (INDRF) EPI ISL 4602911, EPI ISL 4603118, EPI ISL 4603119, EPI ISL 4603120, EPI ISL 4603121, EPI ISL 4603122, EPI ISL 4603123, EPI ISL 4603125, EPI ISL 4603125, EPI ISL 4603127, EPI IS Instituto de Diagnostico y Abril Rodriguez-Maldonado: Ariadna Medina-Benitez: Claudia Wong-Arambula: Frnesto Ramirez-Gonzalez: Fernando Gonzalez-Dominguez: Gisela Barrera-Badillo: Irma Lonez-Martinez: Joaquin Quiroz-Mercado: Lucia Hernandez-Rivas: Maribel Gonzalez-Villa: Natividad Cruz-Ortiz: Sergio Rangel-Guerrero: Tatianz see above Referencia Enideminlogicos Nunez-Garcia: Vanessa Rivero-Arredondo (INDRE) EPI ISL 4603128, EPI ISL 4603129, EPI ISL 4603130, EPI ISL 4603131, EPI ISL 4603132, EPI ISL 4603133, EPI ISL 4603134, EPI ISL 4603135, EPI ISL 4603136, EPI ISL 4603137, EPI ISL 4603137 LESP Yucatan Instituto de Diagnostico v Abril Rodriguez-Maldonado: Ariadna Medina-Benitez: Claudia Wong-Arambula: Ernesto Ramirez-Gonzalez.: Fernando Gonzalez-Dominguez: Gisela Barrera-Badillo: Irma Lopez-Martinez: Joaquin Ouiroz-Mercado: Lucia Hernandez-Rivas: Maribel Gonzalez-Villa: Natividad Cruz-Ortiz: Sergio Rangel-Guerrero: Tatiana see ahove Referencia Epidemiologicos Nunez-Garcia: Vanessa Rivero-Arredondo (INDRE) EPI ISL 4602919, EPI ISL 4602920, EPI ISL 46031048, EPI ISL 4603169, EPI ISL 4603169, EPI ISL 4603170, EPI ISL 4603170, EPI ISL 4603174, EPI ISL 4603177, EPI ISL 4603177, EPI ISL 4603177, EPI ISL 4603181, EPI ISL 4603181, EPI ISL 4603181, EPI ISL 4603183, EPI ISL 4603184, EPI ISL 4603184, EPI ISL 4603187, EPI ISL 4603187, EPI ISL 4603187, EPI ISL 4603174, EPI ISL 4603174, EPI ISL 4603174, EPI ISL 4603174, EPI ISL 4603187, EPI I Instituto de Diagnostico y see ahove LESP Zacatecas Abril Rodriguez-Maldonado: Ariadna Medina-Benitez: Claudia Wong-Arambula: Ernesto Ramirez-Gonzalez.: Fernando Gonzalez-Dominguez: Gisela Barrera-Badillo: Irma Lopez-Martinez: Joaquin Ouiroz-Mercado: Lucia Hernandez-Rivas: Maribel Gonzalez-Villa: Natividad Cruz-Ortiz: Sergio Rangel-Guerrero: Tatiana Nunez-Garcia: Vanessa Rivero-Arredondo Referencia Epidemiologicos (INDRE) FPI ISI 4820598 LIME Laboratorio Departamenta Cristian Arbey Velarde Hovos: Gloria Isabel Escobar: Idabely Betancur Ortiz: Juan P. Hernandez-Ortiz: Maria Stella Lónez EPI\_ISL\_4820599 de Salud Publica de Antioquia FPI ISI 4508268, FPI ISI 4508269, FPI ISI 4508270, FPI ISI 4508271, FPI ISI 4508272, FPI ISI 4508273, FPI ISI 4508274, FPI ISI 4508275, FPI ISI 4508275 National Institute of Health Arie Ardiansvah Nugraha: Faiar Nur: Faiar Nur: Sulistivohadi: Hana Apsari Pawestri: Hartanti Dian Ikawati: Kartika Dewi Puspa: Krisna Pangesti: Nelly Puspandari: Subangkit: Sulistivohadi: Trivani Soekarso: Vivi Setiawaty see above Lab Helix Depok EPI\_ISL\_4635720, EPI\_ISL\_4635721, EPI\_ISL\_4635722, EPI\_ISL\_4635723, EPI\_ISL\_4635730, EPI\_ISL\_4703963, EPI\_ISL\_4703992 see above Lab. Virología y Genética Universidad — Laboratorio de Biologia Andrew S. Muñoz-Gamba: Antonio Acosta: Daniel B. Ramírez-Osorio: Jose Dionisio Perez Perez - Liliana Sarmiento Arzuza: José A. Usme-Ciro: Paula A. Quintero-Cortés: Yesid Bello Simón Bolívar Molecular, Universidad Cooperativa de Colombia Santa Marta EPI ISL 4503618. EPI ISL 4503619. EPI ISL 4503619. EPI ISL 4503620. EPI ISL 4503633. EPI ISL 4503635. EPI ISL 4503625. EPI ISL 4503635. EPI IS EPT ISL 4503641, EPT ISL 4503642, EPT ISL 4503642, EPT ISL 4503643, EPT ISL 4503643, EPT ISL 4503664, EPT ISL 4503664, EPT ISL 4503666, EPT ISL 4503667, EPT IS EPI ISL 4503665, EPI ISL 4503666, EPI ISL 4503666, EPI ISL 4503666, EPI ISL 4503667, EPI ISL 4503667, EPI ISL 4503668, EPI ISL 4503667, EPI ISL 4503667, EPI ISL 4503668, EPI ISL 4503669, EPI IS EPI ISL 4503693, EPI ISL 45037694, EPI ISL 45037694, EPI ISL 4503705, EPI EPI ISL 4503723. EPI ISL 4503724. EPI ISL 4503724. EPI ISL 4503725. EPI ISL 4503725. EPI ISL 4503739. EPI ISL 4503741. 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EPI_ISL_4731520, EPI_ISL_4731521		genomica de SARS-CoV-2' (PAIS Consortium)	
EPI_ISL_4549878, EI EPI_ISL_4549900, EI EPI_ISL_4549992, EI EPI_ISL_4550034, EI EPI_ISL_4550125, EI	PI ISL 4549879, EPI ISL 4549880, EPI PI ISL 4549901, EPI ISL 4549902, EPI PI ISL 4549993, EPI ISL 4549994, EPI PI ISL 4550035, EPI ISL 4550036, EPI PI ISL 4550126, EPI ISL 4550125, EPI PI ISL 4550126, EPI ISL 4550127, EPI	ISL_4549881, EPI_ISL_4549882 ISL_4549903, EPI_ISL_4549904 ISL_4549995, EPI_ISL_4549996 ISL_4550037, EPI_ISL_4550038 ISL_4550106, EPI_ISL_4550107 ISL_4550128, EPI_ISL_4550129	9, EPI_SL_4549820, EPI_SL_4549821, EPI_SL_4549822, EPI_SL_4549823, EPI_SL_4549823, EPI_SL_4549825, EPI_SL_4549825, EPI_SL_4549825, EPI_SL_4549826, EPI_SL_4549827, EPI_SL_4549828, EPI_SL_4549830, EPI_SL_4549831, EPI_SL_4549832, EPI_SL_4549833, EPI_SL_4549884, EPI_SL_4549886, EPI_SL_4549887, EPI_SL_4549887, EPI_SL_4549889, EPI_SL_4549889, EPI_SL_4549989, EPI_SL_4549987, EPI_SL_4549
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EPI_ISL_4549258, EPI_ISL_4549259, EPI_ISL_4549260	Laboratorio de Biología Molecular - Universidad del Magdalena	Centro de Genética y Biología Molecular - Universidad del Magdalena	Andrea M. Ramírez Hernandez; Angel Oviedo Marquez; Daniel Bautista; Edison Lea-Ch; Lyda R. Castro; Maria Teresa Mojica-Ortiz
EPI_ISL_4503132, EI EPI_ISL_4503154, EI EPI_ISL_4503176, EI EPI_ISL_4820968, EI	PI_ISL_4503155, EPI_ISL_4503156, EPI PI_ISL_4503177, EPI_ISL_4503178, EPI PI_ISL_4820969, EPI_ISL_4820970, EPI	ISL_4503135, EPI_ISL_4503136 ISL_4503157, EPI_ISL_4503158 ISL_4503179, EPI_ISL_4503180 ISL_4820971, EPI_ISL_4820972	6, EPI_ISL_4503137, EPI_ISL_4503138, EPI_ISL_4503139, EPI_ISL_4503140, EPI_ISL_4503141, EPI_ISL_4503141, EPI_ISL_4503143, EPI_ISL_4503144, EPI_ISL_4503145, EPI_ISL_4503145, EPI_ISL_4503146, EPI
see above	Laboratorio de Biología Molecular de la Universidad Nacional de San		Alejandra Dávila; Guillermo Salvatierra; Jorge Ballón; Kasandra Ascuña; Pablo Tsukayama; Patrick Fernández; Renzo Salazar; Rosario Valderrama; Sandro Condori

see above Laboratorio de Referencia Regional Laboratorio de Recursos Arequipa Genéticos y Genético Molecular de la Universidad

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Agustín de Arequipa

Genéticos y Genética

Molecular de la Universidad Nacional de San Agustín de

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Arequipa

		Arequipa	
EPI_ISL_4547731, EF	PI_ISL_4547732, EPI_ISL_4547791, EPI_	_ISL_4547792, EPI_ISL_4547793	3, EPI_ISL_4547794, EPI_ISL_4547795, EPI_ISL_4551630, EPI_ISL_4551631, EPI_ISL_4551632, EPI_ISL_4551633, EPI_ISL_4551636, EPI_ISL_4551636
see above	Laboratorium Medyczne LAB-MED	Wojewódzka Stacja	Beata Rozwadowska
		Sanitarno-Epidemiologiczna w Katowicach	
EPI ISL 4491502	Laboratorium RSPAD Gatot Soebroto	Genomik Solidaritas	Annisa Muthiah Sukirman; Anuraj Shankar; Ariel Pradipta; Ayodhia Pitaloka Pasaribu; Decy Subekti; Dhahlia Agustina Cahyono; Eka Airlangga; Esti Rahayuning Tias; Gracia Felias Enos Korompis; Hasanul Arifin; Hendri Wijaya; Louisa Markus; Meutia Ayuputeri Kumaheri; Raph Hamers; Reinhart Gabriel; Stefanus
		Indonesia Laboratorium	Bernard; Suwarti; Vania Gavrila Wikasa
EPI_ISL_4504028, EF	PI_ISL_4504878, EPI_ISL_4505053, EPI_	_ISL_4513793, EPI_ISL_4514499	), EP_ISL_4514500, EPL_ISL_4558777, EPI_ISL_455877, EPI_ISL_4559139, EPI_ISL_4559139, EPI_ISL_4561179, EPI_ISL_4561179, EPI_ISL_4561381, EPI_ISL_4561562, EPI_ISL_4563010, EPI_ISL_4563375, EPI_ISL_4578311, EPI_ISL_4578313, EPI_ISL_4578319, EPI_ISL_4578357
see above	Laboratory for Molecular Diagnostics, IPHMN		Danijela Vujošević; Marija Govedarica
EPI_ISL_4521400	Laboratory of Molecular Virology	Sequencing GmbH Department of Biomedical,	Cristina Galli; Elena Pariani; Laura Bubba; Laura Pellegrinelli; Lucia Signorini; Maria Dolci; Pasquale Ferrante; Sandro Binda; Serena Delbue
EFI_13L_4321400	Department of Biomedical, Surgical	Surgical and Dental Sciences	Cristina Galii, Elena Farianii, Laura Bubula, Laura Fenegri ineni, Lucia Sigirorini, Maria Duici, Fasquare Feriante, Sanuru Birlua, Serena Debute
	and Dental Sciences Department of Biomedical Science for Health		
	University of Milano	of Milano	
EPI_ISL_4513389, EF	PI_ISL_4513390, EPI_ISL_4513391, EPI_	ISL_4513392, EPI_ISL_4543232	2, EPI_ISL_4543233, EPI_ISL_4543234, EPI_ISL_4543235, EPI_ISL_4543236, EPI_ISL_4543237, EPI_ISL_4543237, EPI_ISL_4543247, EPI_ISL_4543247, EPI_ISL_4543247, EPI_ISL_4543324, EPI_ISL_4543334, EPI_ISL_4543334, EPI_ISL_4543345, EPI_ISL_4543347, EPI_ISL_4543347, EPI_ISL_4543247, EPI_ISL_4543247, EPI_ISL_45433247, EPI_ISL_4543334, EPI_ISL_4543334, EPI_ISL_4543347, EPI_ISL_4543247, EPI_ISL_4543247, EPI_ISL_45433247, EPI_ISL_4543334, EPI_ISL_4543347, EPI_ISL_454347,
	PI_ISL_4543363, EPI_ISL_4543370, EPI_		
see above	Laboratory of Respiratory Viruses and Measles, Oswaldo Cruz Institute,		Alice Sampaio Rocha; Ana Carolina Mendonca; Anna Carolina Paixao; Elisa Cavalcante Pereira; Fernando Motta; Luciana Appolinario; Marilda Siqueira on behalf of the Fiocruz COVID-19 Genomic Surveillance Network; Paola Resende; Renata Serrano Lopes; Taina Venas
	FIOCRUZ	Oswaldo Cruz Institute, FIOCRUZ	
EDI ISI 4407141	Laboratório Central de Saúde Pública		Andrea Cony Cavalcanti*; Cinthya Domingues Amaral; Davis Fernandes Ferreira and Renata Campos Azevedo; Duleide Alves Pereira; Fabio Burack da Costa; Jhonatan Ramos Felix; José Antônio Suzano; Leandro Magalhães de Souza; Marcelo Damião F. Meneses; Maria Angelica Arpon Marandino Guimarães;
EPI_ISL_4497286	Noel Nutels - LACEN-RJ	Vírus-Célula, Departamento	Stefanella Boatto; Tago Souza Salles*; Vanessa Zaquieu Dias
		de Virologia, Inst. de Microbiologia Paulo de Góes,	
		Universidade Federal do Rio	
		de Janeiro	
EPI_ISL_4565991	Laboratório de Agentes Infecciosos e Vetores -LAIVE- Bahia, Barreiras,	Laboratório Baculovírus	Aline Belmok; Bergmann M Ribeiro; Fernando L Melo; Jaime Amorim; Josilene Pinheiro
	Brazil		
EPI_ISL_4712489, EF	PI_ISL_4712903, EPI_ISL_4713005, EPI	_ISL_4713129, EPI_ISL_4713172	2, EPI_ISL_4713237, EPI_ISL_4713280, EPI_ISL_4713290, EPI_ISL_4713290, EPI_ISL_47134141, EPI_ISL_4713490, EPI_ISL_4713490, EPI_ISL_4741239, EPI_ISL_4741208, EPI_ISL_4741264, EPI_ISL_4741279, EPI_ISL_4741279, EPI_ISL_4741286, EPI_ISL_4741286, EPI_ISL_4741288, EPI_ISL_4741308, EPI_ISL_4741308, EPI_ISL_4741308, EPI_ISL_4741308, EPI_ISL_4741308, EPI_ISL_4741308, EPI_ISL_4741264, EPI_ISL_4741279, EPI_ISL_4741279, EPI_ISL_4741286, EPI_ISL_4741286, EPI_ISL_4741288, EPI_ISL_4741308, EPI_ISL_4741308, EPI_ISL_4741308, EPI_ISL_4741308, EPI_ISL_4741308, EPI_ISL_4741308, EPI_ISL_4741279, EPI_ISL_4741279, EPI_ISL_4741286, EPI_ISL_4741286, EPI_ISL_4741308, EP
EPI_ISL_4741320, EP	PLISE 4741353, EPLISE 4741367, EPL PLISE 4741548, EPLISE 4741549, EPL	_ISL_4/413/1, EPI_ISL_4/413/6 - ISL_4741555, EPI_ISL_4741568	5, EPI   SL 4741398, EPI   SL 4741398, EPI   SL 4741398, EPI   SL 4741405, EPI   SL 4741405, EPI   SL 4741427, EPI   SL 4741439, EPI   SL 4741439, EPI   SL 4741509, EPI   SL
EPI_ISL_4741998, EF	PI_ISL_4742060, EPI_ISL_4742089, EPI	ISL_4742098, EPI_ISL_4742105	5, EP_ISI_4742114, EP_ISI_4742151, EP_ISI_4742168, EP_ISI_4742174, EP_ISI_4742180, EP_ISI_4742180, EP_ISI_4742305, EP_ISI_4742306, EP_ISI_4742
EPI_ISL_4742323, EF		Dhilii C Ct	Nation Red Comment And Comment
see above	Laguna Provincial Hospital - San Pablo District Hospital	Philippine Genome Center	Alethea R. de Guzman; Anna Ong-Lim; Arianne A. Zamora; Benedict A. Maralit; Carlo M. Lapid; Celia Carlos; Cynthia P. Saloma; Devon Ray Pacial; Diomedes A. Carifio; Edsel Maurice Eslavana; El King D. Morado; Elcid Aaron R. Pangillann; Eva Maria Cutiongco-de la Paz; Francis A. Tablizo; Henrietta Marie Rodriguezi Jaime C. Montoya; Jan Michael C. Yap; jarvin E. Nigales; Johannah S. Lalmens; John Q. Wong; Joshua Gregor A. Dizon; Juan Antonio R. Magalang; Karol Sophida, Agape R. Padilia; Kennetth M. Kim; Kris P. Punyan; Kristian Patriz Dela Cruz; Lindasy Clare Du. Carandang; Ma. Escale C. Asyania; Marc Eslest C. Asyania; Marc Es
			Rosario Singh-Vergeire; Maria Sofia L. Yangzon; Marielle M. Gamboa; Marissa Alejandria; Niña Francesca Bustamante; Razel Nikka M. Hao; Renato Jacinto Q. Mantaring; Rianna Patricia S. Cruz; Shiela Mae M. Araiza; Yvonne Valerie Austria; Zipporah Mariebelle R. Enriquez; Zyrel V. Mollejon
EPI_ISL_4730425, EPI_ISL_4730443,	Lahad Datu Hospital	Institute for Medical Research, Infectious Disease	Ahmad FA; Ahmad Fazilah NA; Anasir MI; Azizan MA; Kamel K; Mohd Zawawi Z; Norhisham SN; Ramly N; Robert F; Suppiah J; Thayan R
EPI_ISL_4730449,		Research Centre, National	
EPI_ISL_4730450		Institutes of Health, Ministry of Health Malaysia	
EPI_ISL_4730447	Langkon Health Clinic	Institute for Medical	Ahmad FA; Ahmad Fazilah NA; Anasir MI; Azizan MA; Kamel K; Mohd Zawawi Z; Norhisham SN; Ramly N; Robert F; Suppiah J; Thayan R
		Research, Infectious Disease	
		Research Centre, National Institutes of Health, Ministry	
		of Health Malaysia	
EPI_ISL_4602781	Lembah Pantai Health Office	Institute for Medical	Ahmad FA; Ahmad Fazilah NA; Anasir MI; Azizan MA; Kamel K; Mohd Zawawi Z; Norhisyam SN; Ramly N; Robert F; Suppiah J; Thayan R
		Research, Infectious Disease	
		Research Centre, National	
		Institutes of Health, Ministry	
FPI ISI 4741240	Lung Center of the Philippines (LCP)	Institutes of Health, Ministry of Health Malaysia	Alethea R. de Guzman: Anna Onnal im: Arianne A. Zamora: Renedict A. Maralit: Carlo M. Lanid: Celia Carlos: Cynthia P. Saloma: Devon Ray Pacial: Diomedes A. Cariño: Erisel Maurice Salvana: El King D. Morado: Elrid Aaron R. Pannillinan: Eva Maria Cutinggrounde la Pay: Francis A. Tahlizo: Henrietta Marie Rodriguez:
EPI_ISL_4741537,	Lung Center of the Philippines (LCP)	Institutes of Health, Ministry of Health Malaysia	Alethea R. de Guzman; Anna Ong-Lim; Arianne A. Zamora; Benedict A. Maralit; Carlo M. Lapid; Celia Carlos; Cynthia P. Saloma; Devon Ray Pacial; Diomedes A. Cariño; Edsel Maurice Salvana; El King D. Morado; Elcid Aaron R. Pangilinan; Eva Maria Cutiongco-de la Paz; Francis A. Tablizo; Henrietta Marie Rodriguez; Jaime C. Montoya; Jan Michael C. Yap; Jarvin E. Nipales; Jo-Hannah S. Llames; John Q. Wong; Joshua Gregor A. Dizon; Juan Antonio R. Magalang; Karol Sophia Agape R. Padilla; Kenneth M. Kim; Kris P. Punayan; Kristina Patriz Dela Cruz; Lindsay Clare D.L. Carandang; Ma. Exanil Plantig; Marc Edsel C. Ayes; Maria
EPI_ISL_4741537, EPI_ISL_4741611		Institutes of Health, Ministry of Health Malaysia Philippine Genome Center	Jaime C. Montoya; Jan Michael C. Yap; Jarvin E. Nipales; Jo-Hannah S. Llames; John Q. Wong; Joshua Gregor A. Dizon; Juan Antonio R. Magalang; Karol Sophia Agape R. Padilla; Kenneth M. Kim; Kris P. Punayan; Kristina Patriz Dela Cruz; Lindsay Clare D.L. Carandang; Ma. Exanil Plantig; Marc Edsel C. Ayes; Maria Rosario Singh-Vergeire; Maria Sofia L. Yangzon; Marielle M. Gamboa; Marissa Alejandria; Niña Francesca Bustamante; Razel Nikka M. Hao; Renato Jacinto Q. Mantaring; Rianna Patricia S. Cruz; Shiela Mae M. Araiza; Yvonne Valerie Austria; Zipporah Mariebelle R. Enriquez; Zyrel V. Mollejon
EPI_ISL_4741537, EPI_ISL_4741611 EPI_ISL_4525911	MOBILE BIOLOGICAL LAB	Institutes of Health, Ministry of Health Malaysia Philippine Genome Center RMS ONCOLOGY LAB	Jaime C. Montoya; Jan Michael C. Yap; Jarvin E. Nipales; Jo-Hannah S. Llames; John Q. Wong; Joshua Gregor A. Dizon; Juan Antonio R. Magalang; Karol Sophia Agape R. Padilla; Kenneth M. Kim; Kris P. Punayan; Kristina Patriz Dela Cruz; Lindsay Clare D.L. Carandang; Ma. Exanii Plantig; Marc Edsel C. Ayes; Maria Rosario Singh-Vergeire; Maria Sofia L. Yangzon; Marielle M. Gamboa; Marissa Alejandria; Niña Francesca Bustamante; Razel Nikka M. Hao; Renato Jacinto Q. Mantaring; Rianna Patricia S. Cruz; Shiela Mae M. Araiza; Yvonne Valerie Austria; Zipporah Mariebelle R. Enriquez; Zyrel V. Mollejon DR. RAME KHASAWNEH
EPI_ISL_4741537, EPI_ISL_4741611 EPI_ISL_4525911 EPI_ISL_4629977, EF	MOBILE BIOLOGICAL LAB	Institutes of Health, Ministry of Health Malaysia Philippine Genome Center RMS ONCOLOGY LAB JSL_462980, EPI_ISL_4629981	Jaime C. Montoya; Jan Michael C. Yap; Jarvin E. Nipales; Jo-Hannah S. Llames; John Q. Wong; Joshua Gregor A. Dizon; Juan Antonio R. Magalang; Karo Sophia Agape R. Padilla; Kenneth M. Kim; Kris P. Punayan; Kristina Patriz Dela Cruz; Lindsay Clare D.L. Carandang; Ma. Exanii Plantig; Marc Edsel C. Ayes; Maria Rosario Singh-Vergeire; Maria Sofia L. Yangzon; Marielle M. Gamboa; Marissa Alejandria; Niña Francesca Bustamante; Razel Nikka M. Hao; Renato Jacinto Q. Mantaring; Rianna Patricia S. Cruz; Shiela Mae M. Araiza; Yvonne Valerie Austria; Zipporah Mariebelle R. Enriquez; Zyrel V. Mollejon DR. RAME KHASAWNEH L. EPI_ISL_4629983, EPI_ISL_4629984, EPI_ISL_4748270, EPI_ISL_4748271, EPI_ISL_4748271, EPI_ISL_4748273, EPI_ISL_4748271, EPI_ISL_4748273, EPI_ISL_4748273, EPI_ISL_4748274, EPI_ISL_4748273, EPI_ISL_4748273, EPI_ISL_4748274, EP
EPI_ISL_4741537, EPI_ISL_4741611 EPI_ISL_4525911 EPI_ISL_4629977, EF	MOBILE BIOLOGICAL LAB	Institutes of Health, Ministry of Health Malaysia Philippine Genome Center RMS ONCOLOGY LAB ISL_4629980, EPI_ISL_4629981 ISL_4750219, EPI_ISL_4750220	Jaime C. Montoya; Jan Michael C. Yap; Jarvin E. Nipales; Jo-Hannah S. Llames; John Q. Wong; Joshua Gregor A. Dizon; Juan Antonio R. Magalang; Karo Sophia Agape R. Padilla; Kenneth M. Kim; Kris P. Punayan; Kristina Patriz Dela Cruz; Lindsay Clare D.L. Carandang; Ma. Exanii Plantig; Marc Edsel C. Ayes; Maria Rosario Singh-Vergeire; Maria Sofia L. Yangzon; Marielle M. Gamboa; Marissa Alejandria; Niña Francesca Bustamante; Razel Nikka M. Hao; Renato Jacinto Q. Mantaring; Rianna Patricia S. Cruz; Shiela Mae M. Araiza; Yvonne Valerie Austria; Zipporah Mariebelle R. Enriquez; Zyrel V. Mollejon DR. RAME KHASAWNEH L. EPI_ISL_4629983, EPI_ISL_4629984, EPI_ISL_4748270, EPI_ISL_4748271, EPI_ISL_4748271, EPI_ISL_4748273, EPI_ISL_4748271, EPI_ISL_4748273, EPI_ISL_4748273, EPI_ISL_4748274, EPI_ISL_4748273, EPI_ISL_4748273, EPI_ISL_4748274, EP
EPI_ISL_4741537, EPI_ISL_4741611 EPI_ISL_4525911 EPI_ISL_4629977, EF EPI_ISL_4748284, Ef see above	MOBILE BIOLOGICAL LAB PI_ISL_4629978, EPI_ISL_4629979, EPI_ISL_4750218, EP	Institutes of Health, Ministry of Health Malaysia Philippine Genome Center  RMS ONCOLOGY LAB JSL_4629980, EPI_ISL_4629981 JSL_4750219, EPI_ISL_4750220 Main Chemical Laboratories Egypt Army	Jaime C. Montoya; Jan Michael C. Yap; Jarvin E. Nipales; Jo-Hannah S. Llames; John Q. Wong; Joshua Gregor A. Dizon; Juan Antonio R. Magalang; Karol Sophia Agape R. Padilla; Kenneth M. Kim; Kris P. Punayan; Kristina Patriz Dela Cruz; Lindsay Clare D.L. Carandang; Ma. Exanii Plantig; Marc Edsel C. Ayes; Maria Rosario Singh-Vergeire; Maria Sofia L. Yangzon; Marielle M. Gamboa; Marissa Alejandria; Niña Francesca Bustamante; Razel Nikka M. Hao; Renato Jacinto Q. Mantaring; Rianna Patricia S. Cruz; Shiela Mae M. Araiza; Yvonne Valerie Austria; Zipporah Mariebelle R. Enriquez; Zyrel V. Mollejon  DR. RAME KHASAWNEH  L, EPI_ISL_4629982, EPI_ISL_4629983, EPI_ISL_4629984, EPI_ISL_4748270, EPI_ISL_4748271, EPI_ISL_4748273,
EPI_ISL_4741537, EPI_ISL_4741611 EPI_ISL_4525911 EPI_ISL_4629977, EFI_ISL_4748284, EFI	MOBILE BIOLOGICAL LAB PI_ISL_4629978, EPI_ISL_4629979, EPI IJ_ISL_4750217, EPI_ISL_4750218, EPI Main Chemical Laboratories Egypt	Institutes of Health, Ministry of Health Malaysia Philippine Genome Center  RMS ONCOLOGY LAB JSL_4629980, EPI_ISL_4629981 JSL_4750219, EPI_ISL_4750220 Main Chemical Laboratories Egypt Army	Jaime C. Montoya; Jan Michael C. Yap; Jarvin E. Nipales; Jo-Hannah S. Llames; John Q. Wong; Joshua Gregor A. Dizon; Juan Antonio R. Magalang; Karol Sophia Agape R. Padilla; Kenneth M. Kim; Kris P. Punayan; Kristina Patriz Dela Cruz; Lindsay Clare D.L. Carandang; Ma. Exanii Plantig; Marc Edsel C. Ayes; Maria Rosario Singh-Vergeire; Maria Sofia L. Yangzon; Marielle M. Gamboa; Marissa Alejandria; Niña Francesca Bustamante; Razel Nikka M. Hao; Renator Jacinto Q. Mantaring; Rianna Patricia S. Cruz; Shiela Me M. Araiza; Yvonne Valerie Austria; Zipporah Mariebelle R. Enriquez; Zyrel V. Mollejon  DR. RAME KHASAWNEH  I. EPI_ISL_4629983, EPI_ISL_4629984, EPI_ISL_4748270, EPI_ISL_4748271, EPI_ISL_4748272, EPI_ISL_4748273, EPI_ISL_4748273, EPI_ISL_4748275, EPI_ISL_4748277, EPI_ISL_4748277, EPI_ISL_4748279, EPI_ISL_4748279, EPI_ISL_4748280, EPI_ISL_4748280, EPI_ISL_4748282, EPI_ISL_4748273, EPI_ISL_4748275, EPI_ISL_4748277,
EPI_ISL_4741537, EPI_ISL_4741611 EPI_ISL_4525911 EPI_ISL_4629977, EF EPI_ISL_4748284, Ef see above	MOBILE BIOLOGICAL LAB PI_ISL_4629978, EPI_ISL_4629979, EPI_ISL_4750218, EP	Institutes of Health, Ministry of Health Malaysia Philippine Genome Center  RMS ONCOLOGY LAB JSL_4629980, EPI_ISL_4629981 JSL_4750219, EPI_ISL_4750220 Main Chemical Laboratories Egypt Army	Jaime C. Montoya; Jan Michael C. Yap; Jarvin E. Nipales; Jo-Hannah S. Llames; John Q. Wong; Joshua Gregor A. Dizon; Juan Antonio R. Magalang; Karol Sophia Agape R. Padilla; Kenneth M. Kim; Kris P. Punayan; Kristina Patriz Dela Cruz; Lindsay Clare D.L. Carandang; Mar. Exanii Plantig; Marc Edsel C. Ayes; Maria Rosario Singh-Vergeire; Maria Sofia L. Yangzon; Marielle M. Gamboa; Marissa Alejandria; Niña Francesca Bustamante; Razel Nikka M. Hao; Renato Jacinto Q. Mantaring; Rianna Patricia S. Cruz; Shiela Mae M. Araiza; Yvonne Valerie Austria; Zipporah Mariebelle R. Enriquez; Zyrel V. Mollejon DR. RAME KHASAWNEH  I. EPI_ISL_4629982, EPI_ISL_4629983, EPI_ISL_4629984, EPI_ISL_4748270, EPI_ISL_4748271, EPI_ISL_4748273, EPI_ISL_4750221  AbedElrahman Zekri; Ahmed F Gad; Ahmed Gad; Ahmed S Elsafty; Ehab Abdelkader Abuelenein; Khaled Amer; Manal Hamdy Zahran; Mohamed Abdel-Salam Elgohary; Mohamed G Seadawy; Mostfa Elnakib; Mostfa F Elhoseiny; Raafat Zaher; Riad Mounir Armanious; Tarek Refaat Elnagdy; Wael Ali
EPI_ISL_4741537, EPI_ISL_4741611 EPI_ISL_4525911 EPI_ISL_4629977, EF EPI_ISL_4748284, Ef see above	MOBILE BIOLOGICAL LAB PI_ISL_4629978, EPI_ISL_4629979, EPI_ISL_4750218, EP	Institutes of Health, Ministry of Health Malaysia Philippine Genome Center RMS ONCOLOGY LAB JSL 4629980, EPI JSL 4629981. [SL_4750220 Main Chemical Laboratories Egypt Army Philippine Genome Center	Jaime C. Montoya; Jan Michael C. Yap; Jarvin E. Nipales; Jo-Hannah S. Llames; John Q. Wong; Joshua Gregor A. Dizon; Juan Antonio R. Magalang; Karol Sophia Agape R. Padilla; Kenneth M. Kim; Kris P. Punayan; Kristina Patriz Dela Cruz; Lindsay Clare D.L. Carandang; Ma. Exanii Plantig; Marc Edsel C. Ayes; Maria Rosario Singh-Vergeire; Maria Sofia L. Yangzon; Marielle M. Gamboa; Marissa Alejandria; Niña Francesca Bustamante; Razel Nikka M. Hao; Renato Jacinto Q. Mantaring; Rianna Patricia S. Cruz; Shiela Mae M. Araiza; Yvonne Valerie Austria; Zipporah Mariebelle R. Enriquez; Zyrel V. Mollejon  DR. RAME KHASAWNEH  D. R. P. J. L. 4748278, EPI_ISL_4748279, EPI_ISL_4748270, EPI_ISL_4748271, EPI_ISL_4748272, EPI_ISL_4748273, EPI_ISL_4748273, EPI_ISL_4748275, EPI_ISL_4748277, EPI_ISL_4748278, EPI_ISL_4748279, EPI_ISL_4748
EPI_ISL_4741537, EPI_ISL_4741611 EPI_ISL_4525911 EPI_ISL_4629977, EI EPI_ISL_4748284, EI see above EPI_ISL_4716025	MOBILE BIOLOGICAL LAB PI_ISL_4629978, EPI_ISL_4629979, EPI I_ISL_4750217, EPI_ISL_4750218, EPI Main Chemical Laboratories Egypt Army Makati Medical Center	Institutes of Health, Ministry of Health Malaysia Philippine Genome Center RMS ONCOLOGY LAB JSL 4629980, EPI JSL 4629981. [SL_4750220 Main Chemical Laboratories Egypt Army Philippine Genome Center	Jaime C. Montoya; Jan Michael C. Yap; Jarvin E. Nipales; Jo-Hannah S. Llames; John Q. Wong; Joshua Gregor A. Dizon; Juan Antonio R. Magalang; Karol Sophia Agape R. Padilla; Kenneth M. Kim; Kris P. Punayan; Kristina Patriz Dela Cruz; Lindsay Clare D.L. Carandang; Ma. Exanii Plantig; Marc Edsel C. Ayes; Maria Rosario Singh-Vergeire; Maria Sofia L. Yangzon; Marielle M. Gamboa; Marissa Alejandria; Niña Francesca Bustamante; Razel Nikka M. Hao; Renato Jacinto Q. Mantaring; Rianna Patricia S. Cruz; Shiela Mee M. Araiza; Yvonne Valerie Austria; Zipporah Mariebelle R. Enriquez; Zyrel V. Mollejon  DR. RAME KHASAWNEH  D. R. PAME KHASAWNEH  A. EPI_ISL_4629983, EPI_ISL_4629984, EPI_ISL_4748270, EPI_ISL_4748271, EPI_ISL_4748273, EPI_ISL_4748273, EPI_ISL_4748273, EPI_ISL_4748273, EPI_ISL_4748277, EPI_ISL_4748277, EPI_ISL_4748279, EPI_ISL_474
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EPI_ISL_4714511 EPI_ISL_47455911 EPI_ISL_4629977. EPI_ISL_4748284. EI see above EPI_ISL_4715055 EPI_ISL_4715305	MOBILE BIOLOGICAL LAB PLISL_4629978, EPI_SL_4629979, EPI PLISL_4750217, EPI_SL_4750218, EPI Main Chemical Laboratories Egypt Army Makati Medical Center  Manila Doctors Hospital	Institutes of Health, Ministry of Health Malaysia Philippine Genome Center RMS ONCOLOGY LAB ISL_4629980, EPI_ISL_4629981 [ISL_4750220 Main Chemical Laboratories Egypt Army Philippine Genome Center Philippine Genome Center ISL_4714657, EPI_ISL_4714729	Jaime C. Montoya; Jan Michael C. Yap; Jarvin E. Nipales; Jo-Hannah S. Llames; John Q. Wong; Joshua Gregor A. Dizon; Juan Antonio R. Magalang; Karol Sophia Agape R. Padilla; Kenneth M. Kim; Kris P. Punayan; Kristina Patriz Dela Cruz; Lindsay Clare D.L. Carandang; Ma. Exanil Plantig; Marc Edsel C. Ayes; Maria Rosario Singh-Vergeire; Maria Sofia L. Yangzon; Marielle M. Gamboa; Marissa Alejandria; Niña Francesca Bustamante; Razel Nikka M. Hao; Renato Jacinto Q. Mantaring; Rianna Patricia S. Cruz; Shiela Mae M. Araiza; Yonne Valerie Austria; Zipporah Mariebelle R. Enriquez; Zyrel V. Mollejon  DR. RAME KHASAWNEH  I. EPI JSL_4629983, EPI_JSL_4629984, EPI_JSL_4748270, EPI_JSL_4748271, EPI_JSL_4748272, EPI_JSL_4748273, EPI_JSL_4748273, EPI_JSL_4748275, EPI_JSL_4748275, EPI_JSL_4748277, EPI_JSL_4748277, EPI_JSL_4748279,
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EP  SL_471231, EP  SL_474511 EP  SL_474511 EP  SL_4629977, EP  SL_474824, Ef see above EP  SL_4716025 EP  SL_4715305 EP  SL_4714241, Ef see above EP  SL_4712342, Ef See above	MOBILE BIOLOGICAL LAB PI_ISL_4629978, EPI_SL_4629979, EPI_PI_ISL_4750218, EPI_PI_SL_4750218, EPI_Main Chemical Laboratories Egypt Army Makati Medical Center  Manila Doctors Hospital PI_ISL_4714252, EPI_ISL_4714571, EPI_Manuel J. Santos Hospital PI_ISL_4712450, EPI_ISL_4712563, EPI_ISL_4713538, EPI_ISL_471511, EPI_Maria Reyna Xavier University	Institutes of Health, Ministry of Health Malaysia Philippine Genome Center  RMS ONCOLOGY LAB ISL 4629980, EPI ISL 4629981 ISL 4750219, EPI ISL 4750220 Main Chemical Laboratories Egypt Army Philippine Genome Center Philippine Genome Center ISL 4714657, EPI ISL 4714729 Philippine Genome Center	Jaime C. Montoya: Jan Michael C. Yap; Jarvin E. Nipales; Jo-Hannah S. Llames; John Q. Wong; Joshua Gregor A. Dizon; Juan Antonio R. Magalang; Karol Sophia Agape R. Padilia; Kenneth M. Kim; Kris P. Punayan; Kristina Patricia S. Cruz; Shiela Mae M. Araiza; Yyonne Valerie Austria; Zipporah Mariebelle R. Enriquez; Zyrel V. Molejon  DR. RAME KHASAWNEH  I. EPI_ISL_4629983, EPI_ISL_4629984, EPI_ISL_4748270, EPI_ISL_4748271, EPI_ISL_4748272, EPI_ISL_4748273, EPI_ISL_4748273, EPI_ISL_4748274, EPI_ISL_4748276, EPI_ISL_4748276, EPI_ISL_4748279, EPI_ISL_47
EPI_ISL_471531, EPI_ISL_471531, EPI_ISL_47452917. EPI_ISL_4745294, EFI_ISL_474624, EFI_ISL_4715305  EPI_ISL_4715305  EPI_ISL_4714241, EFI_ISL_4714241, EFI_ISL_471535, EFI_ISL_4715351, EFI_ISL_4	MOBILE BIOLOGICAL LAB PLISL 4629978, EPI, SL. 4629979, EPI, PI, SL. 4750218, EPI, PI, SL. 4750218, EPI, SL. 4750218, EPI, SL. 4750218, EPI, SL. 4750218, EPI, SL. 4714571, EPI, Manuel J. Santos Hospital PLISL 4714252, EPI	Institutes of Health, Ministry of Health Malaysia Philippine Genome Center  RMS ONCOLOGY LAB ISL 4629980, EPI ISL 4629981 ISL 4750219, EPI ISL 4750220 Main Chemical Laboratories Egypt Army Philippine Genome Center Philippine Genome Center ISL 4714657, EPI ISL 4714729 Philippine Genome Center	Jaime C. Montoya; Jan Michael C. Yap; Jarvin E. Nipales; Jo-Hannah S. Llames; John O. Wong; Joshua Gregor A. Dizon; Juan Antonio R. Magalang, Karol Sophia Agape R. Padilla; Kenneth M. Kim, Kris P. Punayan; Kristina Patric Del Cruz; Lindsay Clare D.L. Carandang; Mar. Exael C. Ayes; Maria Rosario Singh-Vergeire; Maria Sofia L. Yangzon; Marielle M. Gamboa; Marissa Alejandria; Niña Francesca Bustamante; Razel Nikka M. Hao; Renato Jacinto O. Mantaring; Rlanna Patricia S. Cruz; Shiela Mae M. Araiza; Yvonne Valerie Austria; Zipporah Mariebelle R. Enriquez; Zyrel V. Mollejon D.R. RAME KHASAWNEH  J. EPI_ISL_4629982, EPI_ISL_4748270, EPI_ISL_4748270, EPI_ISL_4748271, EPI_ISL_4748272, EPI_ISL_4748273, EPI_ISL_4748273, EPI_ISL_4748275, EPI_ISL_4748275, EPI_ISL_4748276, EPI_ISL_4748277, EPI_ISL_4748277, EPI_ISL_4748279, EPI_ISL_4748289, EPI_ISL_4748289, EPI_ISL_4748289, EPI_ISL_4748289, EPI_ISL_4748280, EPI_ISL_4748281, EPI_ISL_47482827, EPI_ISL_4748273, EPI_ISL_4748276, EPI_ISL_4748277, EPI_ISL_4748277, EPI_ISL_4748278, EPI_ISL_4748279, EPI_ISL_4748279, EPI_ISL_4748289, EP
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NL-Dr. Leonard A. Miller Centre for National Microbiology Anna Majer; Anneliese Landgraff; Elsie Grudeski; Gary Van Domselaar; George Zahariad; Grace Seo; Jennifer Tanner; Laura Gilbert; Morag Graham; Natalie Knox; Philip Mabon; Rhiannon Huzarewich; Robert Needle; Russell Mandes; Shari Tyson; Yang Yu see above Health Services Laboratory (NML)

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Philipping Genome Center Alethea R, de Guzman; Anna Ong-Lim; Arianne A, Zamora; Benedict A. Maralit; Carlo M, Lapid; Celia Carlos; Cynthia P, Saloma; Deyon Ray Pacial; Diomedes A. Cariño; Edsel Maurice Salvana; El King D, Morado; Elcid Aaron R, Pangilinan; Eva Maria Cutiongco-de la Paz; Francis A, Tablizo; Henrietta Marie Rodriguez;

Jaime C. Montoya; Jan Michael C. Yap; Jarvin E. Nipales; Jo-Hannah S. Llames; John Q. Wong; Joshua Gregor Á. Dizon; Juan Antonio R. Magalang; Karol Sophia Agape R. Padilla; Kenneth M. Kim; Kris P. Punayan; Kristina Patriz Dela Cruz, Lindsay Clare D.L. Carandang; Ma. Exanil Plantig; Marc Edsel C. Ayes; Maria

Rosario Singh-Vergeire: Maria Sofia L. Yangzon; Marielle M. Gamboa; Marissa Aleiandria; Niña Francesca Bustamante; Razel Nikka M. Hao; Renato Iacinto O, Mantaring; Rianna Patricia S. Cruz; Shiela Mae M. Araiza; Yyonne Valerie Austria; Zipporah Mariebelle R. Enriquez; Zyrel V. Molleion

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EPI ISL 4730529

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EPI ISL 4714651

FPI ISI 4715252

EPI\_ISL\_4715331, EPI\_ISL\_4715344, EPI\_ISL\_4742032 EPI\_ISL\_4741488 Ospital ng Imus

Ospital ng Parañague II

Developmental Medicine

Research Institute, Osaka Women's and Children's Hospital

Philippine Genome Center

EPI_ISL_4545331, EP EPI_ISL_4600862, EP EPI_ISL_4600884, EP EPI_ISL_4601031, EP	I ISL 4545359, EPI ISL 4545360, EPI I ISL 4600863, EPI ISL 4600864, EPI I ISL 4600885, EPI ISL 4600886, EPI	ISL 4545367, EPI ISL 4545368   ISL 4600865, EPI ISL 4600866   ISL 4600887, EPI ISL 4600892	L. EPI ISL 4503922, EPI ISL 4503923, EPI ISL 4503924, EPI ISL 4503925, EPI ISL 4503926, EPI ISL 4545319, EPI ISL 4545329, EPI ISL 4545321, EPI ISL 4545322, EPI ISL 4545322, EPI ISL 4545326, EPI ISL 4545327, EPI ISL 4545327, EPI ISL 4545327, EPI ISL 4545327, EPI ISL 4545329, EPI ISL 4545339, EPI ISL 4600855, EPI ISL 4600855, EPI ISL 4600857, EPI ISL 4600857, EPI ISL 4600859, EPI ISL 4600859, EPI ISL 4600859, EPI ISL 4600869, EPI ISL 4600869, EPI ISL 4600870, EPI ISL 47409670, EPI ISL 4740
EPI_ISL_4741060 see above	Outre mer	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Angela Brisebarre; Antoine Talarmin; Biolab Martinique Schoelcher; Camille Capel; Christophe Malabat; Corinne Maufrais; Didier Mattera; Etienne Simon-Lorière; Fatiha Najioullah; FrançOis Nestour; Frédéric Lemoine; Julien Fumey; Laurence Fagour; Louise Lefrançois; Marie-HéLèNe Glaudon Louveau De La Guigneraye; Marion Barbet; Maud Vanpeene; Méline Bizard; Olivier Menuteau; Patricia Tamby; Slim El Khiari; Slim El-Khiari; Sylvaine Bastian; Sylvie Behillil; Sylvie Van der Werf; Vincent Enouf
EPI_ISL_4492262, EPI_ISL_4492263	PAMM	Laboratory of Medical Microbiology and Pathology, PAMM	Christel van Herk; Inge Briels; Jeroen van de Bovenkamp; Maaike Broeders; Pleunie van Alphen
EPI_ISL_4520811, EPI_ISL_4520812, EPI_ISL_4520813, EPI_ISL_4551002, EPI_ISL_4551003, EPI_ISL_4551004	PECET	Universidad Nacional de Colombia - Laboratorio Genómico One Health	Andres F. Cardona-Rios; Carlos Franco-Muñoz; Carolina Muñoz-Arango; Celeny Ortiz; Daniel O. Maldonado-Perez; Diego A. Álvarez-Díaz; Hector Alejandro Ruiz-Moreno; Idabely Betancur Ortiz; Jorge E. Osorio; Juan P. Hernandez-Ortiz; Karl A Ciuoderis; Katherine Laiton-Donato; Laura Silvana Perez; Lina M. Hurtado; Marcela Mercado-Reyes; Maria Angélica Maya; Maria Stella López; Rita Almanza Payares; Sandra Ines Cano; Simón Villegas Velásquez
EPI_ISL_4743408, EPI_ISL_4743409	PECET UDEA	Laboratorio Departamental de Salud Publica de Antioquia	Andres F. Cardona-Rios; Cristian Arbey Velarde Hoyos; Gloria Isabel Escobar; Idabely Betancur Ortiz; Juan P. Hernandez-Ortiz; Maria Stella López
EPI_ISL_4731191, EPI_ISL_4816826	PEJABAT KESIHATAN DAERAH BATU PAHAT		Mira Farzana binti Mohamad Mokhtar
EPI_ISL_4565051, EPI_ISL_4565052	PEJABAT KESIHATAN DAERAH MACHANG	Tropical Infectious Diseases Research & Education Centre (TIDREC), Universiti Malaya	AsmaAnati CheMatSeri; Che-Norainon Yaacob; Jia-Yi Tan; Jo-Ern Wong; Kim-Kee Tan; Mulya-Mustika-Sari Zulkifli; Noor Syahida Azizan; Nur-Hidayana Mahfodz; Sazaly AbuBakar; Siti-Sarah Nor'e
EPI_ISL_4731188, EPI_ISL_4731192, EPI_ISL_4731201	PEJABAT KESIHATAN DAERAH MELAKA TENGAH	UKM Medical Molecular Biology Institute (UMBI)	Mira Farzana binti Mohamad Mokhtar
EPI_ISL_4740381	PEJABAT KESIHATAN DAERAH SEBERANG PERAI SELATAN	iPROMISE, UiTM	Ariza Adnan; Fadzilah Mohd Nor; Lim Wai Feng; Mohd Asif Mohd Sukri; Mohd Nur Fakhruzzaman Noorizhab; Mohd Zaki Salleh; Sazzli Shahlan Kassim; Siti Farah Alwani Mohd Nawi; Siti Hamimah Sheikh Abdul Kadir; Teh Lay Kek; Wang Seok Mui
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EPI_ISL_4549032 EPI_ISL_4549096, EPI_ISL_4549100	PGR Rééducation C PGR Soins de Suite Gériatrique	CHU Pontchaillou CHU Pontchaillou	DE TAYRAC Marie; DENOUAL Florent; ETCHEVERRY Amandine; FEBREAU Christine; GALIBERT Marie Dominique; GROLHIER Claire; JAGLINE Steven; PRONIER Charlotte; QUENET Benjamin; SASSI Mohamed; THIBAULT Vincent DE TAYRAC Marie; DENOUAL Florent; ETCHEVERRY Amandine; FEBREAU Christine; GALIBERT Marie Dominique; GROLHIER Claire; JAGLINE Steven; PRONIER Charlotte; QUENET Benjamin; SASSI Mohamed; THIBAULT Vincent
EPI_ISL_4549023	PGR USLD Chênes Blancs 1er ét	CHU Pontchaillou	DE TAYRAC Marie; DENOUAL Florent; ETCHEVERRY Amandine; FEBREAU Christine; GALIBERT Marie Dominique; GROLHIER Claire; JAGLINE Steven; PRONIER Charlotte; QUENET Benjamin; SASSI Mohamed; THIBAULT Vincent
EPI_ISL_4565002, EPI_ISL_4565003, EPI_ISL_4565004, EPI_ISL_4565005	PKD BACHOK	Tropical Infectious Diseases Research & Education Centre (TIDREC), Universiti Malaya	AsmaAnati CheMatSeri; Che-Norainon Yaacob; Jia-Yi Tan; Jo-Ern Wong; Kim-Kee Tan; Mulya-Mustika-Sari Zulkifli; Noor Syahida Azizan; Nur-Hidayana Mahfodz; Sazaly AbuBakar; Siti-Sarah Nor'e
EPI_ISL_4731196, EPI_ISL_4731208	PKD JELEBU	UKM Medical Molecular Biology Institute (UMBI)	Mira Farzana binti Mohamad Mokhtar
EPI_ISL_4731224, EPI_ISL_4731228, EPI_ISL_4731229	PKD JOHOR BAHRU	UKM Medical Molecular Biology Institute (UMBI)	Mira Farzana binti Mohamad Mokhtar
EPI_ISL_4513506, EPI_ISL_4731194, EPI_ISL_4731204	PKD KLUANG	UKM Medical Molecular Biology Institute (UMBI)	Mira Farzana binti Mohamad Mokhtar
EPI_ISL_4513488, EP			2, EPI_SL_4513493, EPI_SL_4731218, EPI_SL_4731225
see above	PKD KUALA PILAH	UKM Medical Molecular Biology Institute (UMBI)	Mira Farzana binti Mohamad Mokhtar
EPI_ISL_4731193	PKD MELAKA TENGAH	UKM Medical Molecular Biology Institute (UMBI)	Mira Farzana binti Mohamad Mokhtar
EPI_ISL_4731217, EPI_ISL_4731220, EPI_ISL_4731222, EPI_ISL_4731226	PKD PORT DICKSON	UKM Medical Molecular Biology Institute (UMBI)	Mira Farzana binti Mohamad Mokhtar
EPI_ISL_4740369, EPI_ISL_4740371, EPI_ISL_4740377, EPI_ISL_4740384, EPI_ISL_4740390	PKD SPT	iPROMISE, UITM	Ariza Adnan; Fadzilah Mohd Nor; Lim Wai Feng; Mohd Asif Mohd Sukri; Mohd Nur Fakhruzzaman Noorizhab; Mohd Zaki Salleh; Sazzli Shahlan Kassim; Siti Farah Alwani Mohd Nawi; Siti Hamimah Sheikh Abdul Kadir; Teh Lay Kek; Wang Seok Mui
EPI_ISL_4513494, EPI_ISL_4513495, EPI_ISL_4731211, EPI_ISL_4731215, EPI_ISL_4731219	PKD TAMPIN	UKM Medical Molecular Biology Institute (UMBI)	Mira Farzana binti Mohamad Mokhtar
EPI_ISL_4551257, EPI_ISL_4551258, EPI_ISL_4551735, EPI_ISL_4551825, EPI_ISL_4552715	PPHC, Purdue University	Animal Disease Diagnostic Laboratory Purdue University College of Veterinary Medicine	Rebecca P Wilkes and Jobin Kattoor
EPI_ISL_4712048, EP see above	I_ISL_4712127, EPI_ISL_4712153, EPI PRC SUBIC MOLECULAR LABORATORY		D. EPI_ISL_4712391, EPI_ISL_4712572, EPI_ISL_4712640, EPI_ISL_4712766, EPI_ISL_4712765, EPI_ISL_4712765, EPI_ISL_4714166, EPI
			8, EPI_ISL_4508329, EPI_ISL_4508330, EPI_ISL_4508331, EPI_ISL_4508332, EPI_ISL_4508333
see above	PRVKP FKUI	National Institute of Health Research and Development	Arie Ardiansyah Nugraha; Fajar Nur Sulistiyohadi; Hana Apsari Pawestri; Hartanti Dian Ikawati; Kartika Dewi Puspa; Krisna Pangesti; Nelly Puspandari; Subangkit; Triyani Soekarso; Vivi Setiawaty
EPI_ISL_4730184, EPI_ISL_4730283	Pahang State Health Department	Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia	Ahmad Fa; Ahmad Fazilah NA; Anasir MI; Azizan MA; Kamel K; Mohd Zawawi Z; Norhisyam SN; Ramly N; Robert F; Suppiah J; Thayan R
EPI_ISL_4712411, EP EPI_ISL_4742070	I_ISL_4712472, EPI_ISL_4712588, EPI	I_ISL_4712653, EPI_ISL_4712773	8, EPI_ISL_4712864, EPI_ISL_4712997, EPI_ISL_4713818, EPI_ISL_4713854, EPI_ISL_4713905, EPI_ISL_4714153, EPI_ISL_4714226, EPI_ISL_4714700, EPI_ISL_4714879, EPI_ISL_4715066, EPI_ISL_4715141, EPI_ISL_4715958, EPI_ISL_4716211, EPI_ISL_4741328, EPI_ISL_4742016, EPI_ISL_4742037, EPI_ISL_4742050,

Parkway Medical and Diagnostic Center Philippine Genome Center Center Center Center Philippine Genome Center Philippine Genome Center Philippine Genome Center Significant Control of the Paz: Francis A. Tablizo; Henrietta Marailet, Carlo M. Lapid; Celia Carlos; Cynthia P. Saloma; Devon Ray Pacial; Diomedes A. Cariño; Edsel Maurice Salvanas; El King D. Morado; Elcid Aaron R. Pangillinan; Eva Maria Cutiongo-de la Paz; Francis A. Tablizo; Henrietta Marie Rodriguez; Jaime C. Montoya: Jan Michael C. (7 App; Javins E. Nipales; Jo-Hannah S. Llames; John Q. Wong; John Q. Wong; Lyng A. Dizon; Juan Antonio R. Magalang; Karol Sophia Agape R. Padilis; Kenneth M. Kim; Kir P. Punayayan, Firstina Patrica Dela Cruz; Lindsay dela Cution C. Maria Control Cont  $\texttt{EPI_JSL\_4712229}, \texttt{EPI_JSL\_4712229}, \texttt{EPI_JSL\_4712229}, \texttt{EPI_JSL\_4712360}, \texttt{EPI_JSL\_4712360}, \texttt{EPI_JSL\_4712451}, \texttt{EPI_JSL\_4712451}, \texttt{EPI_JSL\_4712440}, \texttt{EPI_JSL\_4712451}, \texttt{EPI_JSL\_4712440}, \texttt{EPI_JSL\_471261}, \texttt{EPI_JSL\_4712440}, \texttt{EPI_JSL\_471261}, \texttt{EPI_JSL\_471261},$ 

see above

Alia Wijayanti; Dwi Nursetyaasih; Dyah Ayu; Endah Wahyu Y; Ismi Farhati; Purnomo; Sekti Handayani; Wiwik Peni; Yekti Hediningsih

Alia Wijayanti; Dwi Nursetyaasih; Dyah Ayu; Endah Wahyu Y; Ismi Farhati; Purnomo; Sekti Handayani; Wiwik Peni; Yekti Hediningsih

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RS Darurat Covid Wonokerto Kab

Pekalongar

EPI ISL 4778322 RS Islam Muhammadiyah Rodliyah

Balai Laboratorium

Kesehatan Dan Pengujian Alat Kesehatan Provinsi Jawa Tengah

Balai Laboratorium

	Achid Moga Pemalang	Kesehatan Dan Pengujian Alat Kesehatan Provinsi Jawa Tengah	
EPI_ISL_4757248, EPI_ISL_4760364	RS Islam Purwodadi Grobogan	Balai Laboratorium Kesehatan Dan Pengujian Alat Kesehatan Provinsi Jawa	Alia Wijayanti; Dwi Nursetyaasih; Dyah Ayu; Endah Wahyu Y; Ismi Farhati; Purnomo; Sekti Handayani; Wiwik Peni; Yekti Hediningsih
EPI_ISL_4825226, EPI_ISL_4825512	RS Ken Saras Ungaran	Tengah Balai Laboratorium Kesehatan Dan Pengujian Alat Kesehatan Provinsi Jawa Tengah	Alia Wijayanti; Dwi Nursetyaasih; Dyah Ayu; Endah Wahyu Y; Ismi Farhati; Purnomo; Sekti Handayani; Wiwik Peni; Yekti Hediningsih
EPI_ISL_4783718	RS Mayapada Jakarta Selatan	Genomik Solidaritas Indonesia Laboratorium	Annisa Muthiah Sukirman; Anuraj Shankar; Ariel Pradipta; Benny Hosiana Tumbelaka; Carissa Sintca Wijaya; Esti Rahayuning Tias; Gracia Felias Enos Korompis; Himawan Masyhuri; Louisa Markus; Marliana; Meutia Ayuputeri Kumaheri; Shinta Vr Hutajulu; Stefanus Bernard
EPI_ISL_4741896	RS Roemani Muhammadiyah	Balai Laboratorium Kesehatan Dan Pengujian Alat Kesehatan Provinsi Jawa Tengah	Alia Wijayanti; Dwi Nursetyaasih; Dyah Ayu; Endah Wahyu Y; Ismi Farhati; Purnomo; Sekti Handayani; Wiwik Peni; Yekti Hediningsih
EPI_ISL_4779276	RS. Muhammadiyah Rodliyah Achid Moga Pemalang	Balai Laboratorium Kesehatan Dan Pengujian Alat Kesehatan Provinsi Jawa Tengah	Alia Wijayanti; Dwi Nursetyaasih; Dyah Ayu; Endah Wahyu Y; Ismi Farhati; Purnomo; Sekti Handayani; Wiwik Peni; Yekti Hediningsih
		_ISL_4508298, EPI_ISL_4508299	, EPI_ISL_4508300, EPI_ISL_4508334, EPI_ISL_4508335, EPI_ISL_4508336, EPI_ISL_4508337
see above	RSDC Wisma Atlet Kemayoran	National Institute of Health Research and Development	Arie Ardiansyah Nugraha; Fajar Nur Sulistiyohadi; Hana Apsari Pawestri; Hartanti Dian Ikawati; Kartika Dewi Puspa; Krisna Pangesti; Nelly Puspandari; Subangkit; Triyani Soekarso; Vivi Setiawaty
EPI_ISL_4741237	RSJD Dr Amino Gondohutomo	Balai Laboratorium Kesehatan Dan Pengujian Alat Kesehatan Provinsi Jawa Tengah	Dwi Nursetyaasih; Dyah Ayu; Endah Wahyu Y; Ismi Farhati; Purnomo; Sekti Handayani; Wiwik Peni; Yekti Hediningsih
EPI_ISL_4481519, EPI_ISL_4481523, EPI_ISL_4481548, EPI_ISL_4481557	RSPI PROF DR. SULIANTI SAROSO	Genomik Solidaritas Indonesia Laboratorium	Annisa Muthiah Sukirman; Anuraj Shankar; Ariel Pradipta; Esti Rahayuning Tias; Gracia Felias Enos Korompis; Louisa Markus; Meutia Ayuputeri Kumaheri; Pompini Agustina Sitompul; Reinhart Gabriel; Stefanus Bernard; Teguh Sarry Hartono; Vania Gavrila Wikasa
	RSPI PROF DR. SULIANTI SAROSO, RS	Genomik Solidaritas Indonesia Laboratorium	Anna Christina Brazia; Annisa Muthiah Sukirman; Anuraj Shankar; Ariel Pradipta; David Hendra Haryanto; Dhahlia Agustina Cahyono; Dwi Oktavia; Gracia Felias Enos Korompis; Louisa Markus; Meutia Ayuputeri Kumaheri; Ngabila Salama; Pratiwi Srikandi Yudhastari; Reinhart Gabriel; Teguh Sarry Hartono; Tiranti Vindha; Vania Gavrila Wikasa
EPI_ISL_4741904	RSU PKU Muhammadiyah GUBUG	Balai Laboratorium Kesehatan Dan Pengujian Alat Kesehatan Provinsi Jawa Tengah	Alia Wijayanti; Dwi Nursetyaasih; Dyah Ayu; Endah Wahyu Y; Ismi Farhati; Purnomo; Sekti Handayani; Wiwik Peni; Yekti Hediningsih
EPI_ISL_4741903	RSU Siaga Medika Pemalang	Balai Laboratorium Kesehatan Dan Pengujian Alat Kesehatan Provinsi Jawa Tengah	Alia Wijayanti; Dwi Nursetyaasih; Dyah Ayu; Endah Wahyu Y; Ismi Farhati; Purnomo; Sekti Handayani; Wiwik Peni; Yekti Hediningsih
	' ' -		, EPI_ISL_4783608, EPI_ISL_4783611, EPI_ISL_4783654, EPI_ISL_4783668
see above	RSUD ARIFIN ACHMAD PROVINSI RIAU	Genomik Solidaritas Indonesia Laboratorium	Annisa Muthiah Sukirman; Anuraj Shankar; Ariel Pradipta; Carissa Sintca Wijaya; Dewi Anggraini; Esti Rahayuning Tias; Fajri Marindra Siregar; Gracia Felias Enos Korompis; Himawan Masyhuri; Louisa Markus; Meutia Ayuputeri Kumaheri; Rahmat Azhari Kemal; Stefanus Bernard
EPI_ISL_4741899, EPI_ISL_4756064	RSUD Dr. M. Ashari Kabupaten Pemalang	Balai Laboratorium Kesehatan Dan Pengujian Alat Kesehatan Provinsi Jawa Tengah	Alia Wijayanti; Dwi Nursetyaasih; Dyah Ayu; Endah Wahyu Y; Ismi Farhati; Purnomo; Sekti Handayani; Wiwik Peni; Yekti Hediningsih
EPI_ISL_4475419, EPI_ISL_4475420	RSUD KEBAYORAN BARU	Genomik Solidaritas Indonesia Laboratorium	Annisa Muthiah Sukirman; Anuraj Shankar; Ariel Pradipta; Esti Rahayuning Tias; Gracia Felias Enos Korompis; Louisa Markus; Meutia Ayuputeri Kumaheri; Ollien Kartika; Reinhart Gabriel; Stefanus; Stefanus Bernard; Vania Gavrila Wikasa
EPI_ISL_4761488	RSUD SUNAN KALIJAGA DEMAK	Balai Laboratorium Kesehatan Dan Pengujian Alat Kesehatan Provinsi Jawa Tengah	Alia Wijayanti; Dwi Nursetyaasih; Dyah Ayu; Endah Wahyu Y; Ismi Farhati; Purnomo; Sekti Handayani; Wiwik Peni; Yekti Hediningsih
EPI_ISL_4756069, EPI_ISL_4824657	RSUD Sunan Kalijaga Demak	Balai Laboratorium Kesehatan Dan Pengujian Alat Kesehatan Provinsi Jawa Tengah	Alia Wijayanti; Dwi Nursetyaasih; Dyah Ayu; Endah Wahyu Y; Ismi Farhati; Purnomo; Sekti Handayani; Wiwik Peni; Yekti Hediningsih
EPI_ISL_4736609	RSUD dr. H. Ansari Saleh Baniarmasin	National Institute of Health Research and Development	Arie Ardiansyah Nugraha; Fajar Nur Sulistiyohadi; Hana Apsari Pawestri; Hartanti Dian Ikawati; Kartika Dewi Puspa; Krisna Pangesti; Nelly Puspandari; Subangkit; Triyani Soekarso; Vivi Setiawaty
EPI_ISL_4761496	RSUD. Dr. R Soedjati Purwodadi Grobogan	Balai Laboratorium Kesehatan Dan Pengujian Alat Kesehatan Provinsi Jawa Tengah	Alia Wijayanti; Dwi Nursetyaasih; Dyah Ayu; Endah Wahyu Y; Ismi Farhati; Purnomo; Sekti Handayani; Wiwik Peni; Yekti Hediningsih
EPI_ISL_4549379, EPI_ISL_4549380, EPI_ISL_4549381, EPI_ISL_4549382, EPI_ISL_4549383, EPI_ISL_4549384	RSUP dr. Mohammad Hoesin/Fakultas Kedokteran Universitas Sriwijaya	•	Ahmad Ghiffari; Amin Soebandrio; Chairil Anwar; Edison Johar; Eny Rahmawati; Frilasita A Yudhaputri; Hidayat Trimarsanto; Iche Andriani Liberty; Iskandar Adnan; Jessica R Saragih; Khin Saw Myint; Lidwina Priliani; Lydia V Panggalo; Muhammad Rezki Rasyak; Nelda Aprilia Salim; Phey Liana; Safarina G Malik; Sukma Oktavianthi; Willy Agustine; Yulia Iriani
EPI_ISL_4503236, EPI_ISL_4503237	RUMAH SAKIT DAERAH IDAMAN KOTA BANJARBARU	Indonesia Laboratorium	Anna Christina Brazia; Annisa Muthiah Sukirman; Anuraj Shankar; Ariel Pradipta; David Hendra Haryanto; Dhahlia Agustina Cahyono; Gracia Felias Enos Korompis; Louisa Markus; Meutia Ayuputeri Kumaheri; Pratiwi Srikandi Yudhastari; Rahimul Yakin; Reinhart Gabriel; Vania Gavrila Wikasa
EPI_ISL_4549357, EF	PI_ISL_4549358, EPI_ISL_4549361, EPI	ISL_4549362, EPI_ISL_4549363	, EPI_ISL_4549320, EPI_ISL_4549321, EPI_ISL_4549323, EPI_ISL_4549324, EPI_ISL_4549328, EPI_ISL_4549330, EPI_ISL_4549333, EPI_ISL_4549334, EPI_ISL_4549335, EPI_ISL_4549337, EPI_ISL_4549337, EPI_ISL_4549339, EPI_ISL_4549339, EPI_ISL_4549340, EPI_ISL_4549341, EPI_ISL_4549342, EPI_ISL_4549343, EPI_ISL_4549378, EPI_ISL_4549364, EPI_ISL_4549367, EPI_ISL_4549367, EPI_ISL_4549375, EPI_ISL_4549378
see above	Raden Mattaher Regional General Hospital (RSUD)	Eijkman Research Center for Molecular Biology, National Research and Innovation Agency; Raden Mattaher Regional General Hospital (RSUD)	Amin Soebandrio; Edison Johar; Fery Kusnadi; Frilasita A Yudhaputri; Hidayat Trimarsanto; Iskandar Adnan; Jessica R Saragih; Khin Saw Myint; Lidwina Priliani; Lydia V Panggalo; Muhammad Rezki Rasyak; Safarina G Malik; Sotianingsih; Sukma Oktavianthi; Willy Agustine; Yusnidar
	PI_ISL_4635436, EPI_ISL_4636435, EPI_ Regional Medical Sciences Center 12 Songkhla		, EPI_ISL_4636438, EPI_ISL_4646126 Archawin Rojanawiwat; Natchaya Khiadsang; Nuttida Thongpramul; Pakorn Piromtong; Pilailuk Okada; Ratana Tacharoenmuang; Siripaporn Phuygun; Sittiporn Parnmen; Sunthareeya Waicharoen; Thanutsapa Thanadachakul; Warawan Wongboot; sirikanda wimol
EPI_ISL_4716445, EF	PI_ISL_4716460, EPI_ISL_4716530, EPI PI_ISL_4742299, EPI_ISL_4742311	ISL_4714517, EPI_ISL_4714962 ISL_4716628, EPI_ISL_4716648	, EPI_ISL_4715008, EPI_ISL_4715087, EPI_ISL_4715142, EPI_ISL_4715258, EPI_ISL_4715891, EPI_ISL_4716001, EPI_ISL_4716047, EPI_ISL_4716074, EPI_ISL_4716075, EPI_ISL_4716181, EPI_ISL_4716193, EPI_ISL_4716193, EPI_ISL_4716178, EPI_ISL_4716784, EPI_ISL_4716784, EPI_ISL_4716655, EPI_ISL_4716661, EPI_ISL_47166676, EPI_ISL_4716703, EPI_ISL_4716719, EPI_ISL_4716739, EPI_ISL_4716739, EPI_ISL_4716193, EPI_ISL_4716739, EPI
see above	Research Institute for Tropical Medicine, Inc. (RITM)	Philippine Genome Center	Alethea R. de Guzman; Anna Ong-Lim; Arianne A. Zamora; Benedict A. Maralit; Carlo M. Lapid; Celia Carlos; Cynthia P. Saloma; Devon Ray Pacial; Diomedes A. Cariño; Edsel Maurice Salvana; El King D. Morado; Elcid Aaron R. Pangilinan; Eva Maria Cutiongco-de la Paz; Francis A. Tablizo; Henrietta Marie Rodriguez; Jaime C. Montoya; Jan Milchael C. Yap; Javinie R. Diyajaes; Jo-Hannah S. Llames; John Q. Wong; Joshua Gregor A. Dizon, Juan Antonio R. Magalagni; Karol Sophia Agape R. Padilla; Kenneth M. Kim; Kris P. Punayan; Kristina Patriz Dela Cruz; Lindsay Clare D. L. Carandang; Ma. Exanii Plantig; Marc Edsel C. Ayes; Maria Rosrio Singh-Verqeire; Maria Sofia L. Yanagon; Marielle M. Gamboa; Marissa Alejandria; Niña Francesca Bustamante; Razel Nikka M. Hao; Renato Jacinto Q. Mantaring; Rainan Patrici S. Cruz; Shiela Mae M. Araiza; Yyonne Valerie Austria; Zipporah Marielelle R. Enriquez; Zyer IV. Mollejon
EPI_ISL_4520803, EF	PI_ISL_4520804, EPI_ISL_4520805, EPI_	_ISL_4520806, EPI_ISL_4520807	Kosano Singn-Vergeire; Mana Soria L. Yangzon; Maneile M. Gamboa; Marissa Alejandria; Nina Francesca Bustamante; Hazel Nikka M. Hao; Henato Jacinto Q. Mantaring; Rianna Patricia S. Cruz; Shiela Mae M. Araiza; Yvonne Valerie Austria; Zipporan Mariebeile K. Enriquez; Zyrel V. Mollejon, EPI_ISL_4520808, EPI_ISL_4520809, EPI_ISL_4520810

Universidad Nacional de Andres F. Cardona-Rios; Carlos Franco-Muñoz; Carolina Muñoz-Arango; Celeny Ortiz; Daniel O. Maldonado-Perez; Diego A. Álvarez-Díaz; Hector Alejandro Ruiz-Moreno; Idabely Betancur Ortiz; Jorge E. Osorio; Juan P. Hernandez-Ortiz; Karl A Ciuoderis; Katherine Laiton-Donato; Laura Silvana Perez; Lina M. Hurtado;

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see above

		Colombia - Laboratorio Genómico One Health	Marcela Mercado-Reyes; Maria Angélica Maya; Maria Stella López; Rita Almanza Payares; Sandra Ines Cano; Simón Villegas Velásquez
EPI_ISL_4768047	Rumah Sakit Islam Al-Ikhlas Pemalang	Balai Laboratorium Kesehatan Dan Pengujian Alat Kesehatan Provinsi Jawa Tengah	Alia Wijayanti; Dwi Nursetyaasih; Dyah Ayu; Endah Wahyu Y; Ismi Farhati; Purnomo; Sekti Handayani; Wiwik Peni; Yekti Hediningsih
EPI_ISL_4761491	Rumah Sakit PKU Muhammadiyah Cepu	Balai Laboratorium Kesehatan Dan Pengujian Alat Kesehatan Provinsi Jawa Tengah	Alia Wijayanti; Dwi Nursetyaasih; Dyah Ayu; Endah Wahyu Y; Ismi Farhati; Purnomo; Sekti Handayani; Wiwik Peni; Yekti Hediningsih
EPI_ISL_4756061	Rumah Sakit Pelita Anugerah Demak	. 3.	Alia Wijayanti; Dwi Nursetyaasih; Dyah Ayu; Endah Wahyu Y; Ismi Farhati; Purnomo; Sekti Handayani; Wiwik Peni; Yekti Hediningsih
EPI_ISL_4712444, EPI_ISL_4712556, EPI_ISL_4741421	SAN ANTONIO CITY OF ILAGAN HOSPITAL	Philippine Genome Center	Alethea R. de Guzman; Anna Ong-Lim; Arianne A. Zamora; Benedict A. Maralit; Carlo M. Lapid; Celia Carlos; Cynthia P. Saloma; Devon Ray Pacial; Diomedes A. Cariño; Edsel Maurice Salvana; El King D. Morado; Elcid Aaron R. Pangliinan; Eva Maria Cutiongco-de la Paz; Francis A. Tabilizo; Henrietta Marie Rodriguez; Jaime C. Montoxy; Ja Michael C. Yap; Jarvin E. Nipales; Jo-Hannah S. Llames; John O, Wong; Joshua Gregor A. Dizon; Juan Antonio R. Magalang; Karol Sophia Agape R. Padilia; Kenneth M. Kim; Kris P. Punayan; Kristina Patriz Dela Cruz; Lindasy Clare D. L. Carandangh Mae Exami Plantig; Marc Edsel C. Ayes; Maria Rosario Singh-Vergeire; Maria Sofia L. Yangazon; Marelle M. Gamboa; Marias Malejandria; Aligandria; Plantina Resultation; Aligandria; Planting; Ralanna Patricia S. Cruz; Shiela Mae M. Ariaza: Younce Variaza: Vonne Variaza: Vonn
EPI_ISL_4601846, EI	PI_ISL_4601847, EPI_ISL_4601848, EPI	_ISL_4601849, EPI_ISL_460185	6, EPI ISL. 4601828, EPI ISL. 4601830, EPI ISL. 4601830, EPI ISL. 4601831, EPI ISL. 4601832, EPI ISL. 4601833, EPI ISL. 4601834, EPI ISL. 4601835, EPI ISL. 4601837, EPI ISL. 4601839, EPI ISL. 4601840, EPI ISL. 4601841, EPI ISL.
see above	SC (UCO) Igiene e Sanità Pubblica, ASUGI, Trieste	ARGO Laboratorio Genomica ed Epigenomica	Barbone F; Basaglia G; Braida C; Busetti M; D'Agaro P; Dal Monego S; De Rosa R; Degasperi M; Fontana F; Koncan R; Licastro D; Marcello A; Pipan C; Piscianz E; Segat L
EPI_ISL_4510323, EPI_ISL_4510324, EPI_ISL_4510325, EPI_ISL_4510326, EPI_ISL_4510327	SEREMI de Salud Región de la Araucania	Unidad de Genómica y Bioinformática, Núcleo Científico y Tecnológico en Biorecursos (BIOREN), Universidad de La Frontera	Alvaro Cerda; Claudio Rodriguez; Claudio Vásquez; Israel Giacaman; Katterin Bobadilla; María de la Luz Mora; Michel Abanto; Nicolás Saavedra; Pia Riquelme; Sindy Cabarca
EPI_ISL_4743380, EPI_ISL_4743381	SOMER	Laboratorio Departamental de Salud Publica de Antioquia	Andres F. Cardona-Rios; Cristian Arbey Velarde Hoyos; Gloria Isabel Escobar; Idabely Betancur Ortiz; Juan P. Hernandez-Ortiz; Maria Stella López
EPI_ISL_4547743, EI	PI_ISL_4547774, EPI_ISL_4547775, EPI	·	8, EPI_SL_4551639, EPI_SL_4551704
see above	SP ZOZ w Brzesku	Wojewódzka Stacja Sanitarno-Epidemiologiczna w Katowicach	Beata Rozwadowska
EPI_ISL_4547734, EI see above	PI_ISL_4547735, EPI_ISL_4547736, EPI SPZOZ K-KOŹLE	I_ISL_4547737, EPI_ISL_454780: Wojewódzka Stacia	3, EPI_SL_4547804, EPI_SL_4547805, EPI_SL_4547806, EPI_SL_4551640, EPI_SL_4551641, EPI_SL_4551642, EPI_SL_4551643, EPI_SL_4551644, EPI_SL_4551645, EPI_SL_4551646, EPI_SL_4551692  Beata Rozwadowska
see above	SI ZOZ K-KOZEE	Sanitarno-Epidemiologiczna w Katowicach	Death (OZMIDOMSKI)
EPI_ISL_4820603, EPI_ISL_4820604	SURA	Laboratorio Departamental de Salud Publica de Antioquia	Cristian Arbey Velarde Hoyos; Gloria Isabel Escobar; Idabely Betancur Ortiz; Juan P. Hernandez-Ortiz; Maria Stella López
EPI_ISL_4731212	SWAT TEAM HPSF	UKM Medical Molecular Biology Institute (UMBI)	Mira Farzana binti Mohamad Mokhtar
EPI_ISL_4520833, EI EPI_ISL_4551052, EI	PI_ISL_4520834, EPI_ISL_4520835, EPI PI_ISL_4551053, EPI_ISL_4551054, EPI	I_ISL_4520836, EPI_ISL_455099	0, EPI_ISL_4550991, EPI_ISL_4551036, EPI_ISL_4551037, EPI_ISL_4551048, EPI_ISL_4551049, EPI_ISL_4551040, EPI_ISL_4551040, EPI_ISL_4551041, EPI_ISL_4551041, EPI_ISL_4551044, EPI_ISL_4551045, EPI_ISL_4551046, EPI_ISL_4551047, EPI_ISL_4551048, EPI_ISL_4551048, EPI_ISL_4551049, EPI_ISL_4551049, EPI_ISL_4551050, EPI_ISL_4551051, EPI
see above	SYNLAB	Universidad Nacional de Colombia - Laboratorio Genómico One Health	Andres F. Cardona-Rios; Carlos Franco-Muñoz; Carolina Muñoz-Arango; Celeny Ortiz; Daniel O. Maidonado-Perez; Diego A. Álvarez-Díaz; Hector Alejandro Ruiz-Moreno; Idabely Betancur Ortiz; Jorge E. Osorio; Juan P. Hernandez-Ortiz; Karl A Ciuoderis; Katherine Laiton-Donato; Laura Silvana Perez; Lina M. Hurtado; Marcela Mercado-Reyes; Maria Angélica Maya; Maria Stella López; Rita Almanza Payares; Sandra Ines Cano; Simón Villegas Velásquez
EPI_ISL_4730383	Sabah Women and Children Hospital	I Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia	Ahmad Fa; Ahmad Fazilah NA; Anasir MI; Azizan MA; Kamel K; Mohd Zawawi Z; Norhisyam SN; Ramly N; Robert F; Supplah J; Thayan R
EPI_ISL_4713592, EI	PI_ISL_4741257, EPI_ISL_4741306, EPI		9. EPI_ISL_4741346, EPI_ISL_4741370, EPI_ISL_4741551, EPI_ISL_4741585
see above	Safeguard DNA Diagnostic, Inc.	Philippine Genome Center	Alethea R. de Guzman; Anna Ong-Lim; Arianne A. Zamora; Benedict. A. Maralit; Carlo M. Lapid; Celia Carlos; Cynthia P. Saloma; Devon Ray Pacial; Diomedes A. Cariño; Edsel Maurice Salvana; El King D. Morado; Elicid Aaron R. Pangilinan; Eva Maria Cutiongco-de la Paz; Francis A. Tablizo; Henrietta Marie Rodriguez; Jaime C. Montoya; Jan Michael C. Yap; Jarvin E. Nigales; Jo-Hannah S. Llames; John O, Wong; Joshua Gregor A. Dizon; Juan Antonio R. Magalang; Karol Sophia Agape R. Padilla; Kenneth M. Kim; Kris P. Puzajan; Kristina Patriz Carlo Cruz; Lindsay Clare D.L. Carandang; Ma. Exanil Plantig; Marc Edsel. C. Ayes; Maria Rosario Singh-Vergeire; Maria Sofia L. Yangzon; Marielle M. Gamboa; Marissa Alejandría; Niña Francesca Bustamante; Razel Nikka M. Hao; Renato Jacinto Q. Mantaring; Rianna Patricia S. Cruz; Shiela Mae M. Ariaza; Yvonne Valerie Austria; Zipporth Marehebelle R. Enriquetz; Zyrel V. Mollejon
EPI_ISL_4638327, EPI_ISL_4730467	Salak Health Clinic	Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia	Ahmad FA; Ahmad Fazilah NA; Anasir MI; Azizan MA; Kamel K; Mohd Zawawi Z; Norhisham SN; Norhisyam SN; Ramly N; Robert F; Supplah J; Thayan R
			9, EPI_ISL_4741344, EPI_ISL_4741351, EPI_ISL_4741356, EPI_ISL_4741365, EPI_ISL_4741373, EPI_ISL_4741377, EPI_ISL_4741409, EPI_ISL_4741413, EPI_ISL_4741423, EPI_ISL_4741435, EPI_ISL_4741437
see above	San Antonio City of llagan Hospital		Alethea R. de Guzman; Anna Ong-Lim; Arianne A. Zamora; Benedict. A. Maralit; Carlo M. Lapid; Celia Carlos; Cynthia P. Saloma; Devon Ray Pacia; Diomedes A. Cariño; Edsel Maurice Salvana; El King D. Morado; Elicid Aaron R. Pangliann; Eva Maria Cutiongco-de la Paz; Francis A. Tablizo; Henrietta Marie Rodriquez; Jaime C. Montoya; Jam Michael C. Yap; Jarvin E. Nigales; O-Jananaha S. Lalmes; John O. Wong; Joshua Gregor A. Dizon; Juan Antonio R. Magalang; Karol Sophia, Agape R. Padilia; Kenneth M. Kim; Kris P. Punayan; Kristina Polanya; Carradnang; Ma. Examil Plantig; Marc Edsel C. Ayes; Maria Rosario Singh-Vergeire; Maria Sofia L. Yangzon; Marielle M. Gamboa; Marissa Alejandria; Niña Francesca Bustamante; Razel Nikka M. Hao; Renato Jacinto Q. Mantaring; Rianna Patricia S. Cruz; Shiela Mae M. Araiza; Yvonne Valerie Austria; Zipporah Mariebelle R. Enriquez; Zyrel V. Mollejon
EPI_ISL_4600277, EI	PI_ISL_4600317, EPI_ISL_4600320		1, EPI_SL_4600287, EPI_SL_4600288, EPI_SL_4600299, EPI_SL_4600290, EPI_SL_4600291, EPI_SL_4600292, EPI_SL_4600293, EPI_SL_4600294, EPI_SL_4600295, EPI_SL_4600295, EPI_SL_4600297, EPI_SL_4600298, EPI_SL_4600299, EPI_SL_4600300, EPI_SL_4600301, EPI_SL_4600302, EPI_SL_4600303, EPI_SL_4600
see above	SangLab Karlovy Vary	Department of Microbiology, University Hospital in Pilsen	Jaroslav Hrabak; Katerina Chudejova; Katerina Vlkova; Vendula Heringova
EPI_ISL_4730464, EPI_ISL_4730477, EPI_ISL_4730524	Sepang District Health Office	Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia	Ahmad Fa; Ahmad Fazilah NA; Anasir MI; Azizan MA; Kamel K; Mohd Zawawi Z; Norhisham SN; Ramly N; Robert F; Supplah J; Thayan R
EPI_ISL_4601632, EI EPI_ISL_4601654, EI EPI_ISL_4601676, EI	PI_ISL_4601633, EPI_ISL_4601634, EPI PI_ISL_4601655, EPI_ISL_4601656, EPI	ISL_4601635, EPI_ISL_460163   ISL_4601657, EPI_ISL_460165   ISL_4601679, EPI_ISL_460168	4. FPI   SL. 4601615, FPI   SL. 4601617, FPI   SL. 4601617, FPI   SL. 4601618, FPI   SL. 4601629, FPI   SL. 4601629, FPI   SL. 4601629, FPI   SL. 4601627, FPI   SL. 4601629, FPI   SL.
		Dr. Negrín	
EPI_ISL_4669174	Servicio de Microbiología. Hospital General Universitario de Castellón	- Public Health, Generalitat Valenciana	
EPI_ISL_4703618, EI see above	PI_ISL_4703715, EPI_ISL_4703726, EPI Servicios Medicos Olimpus	I_ISL_4703727, EPI_ISL_470374° Laboratorio de Biologia Molecular, Universidad Cooperativa de Colombia, Santa Marta	7, EPI_SL_4703772, EPI_SL_4703778, EPI_SL_4703783, EPI_SL_4703859, EPI_SL_4703908, EPI_SL_4703915, EPI_SL_470401, EPI_SL_4704001, EPI_SL_4704032, EPI_SL_4704032, EPI_SL_4704052, EPI_SL_4704075, EPI_SL_4704075  Andrew S. Muñoz-Gamba; Daniel B. Ramírez-Osorio; José A. Usme-Ciro; Mayerlin Vasquez Cardenas; Paula A. Quintero-Cortés; Pricelis Paulin Polanco Fontalvo
			0, EPI_ISL_4574541, EPI_ISL_4574542, EPI_ISL_4574543, EPI_ISL_4574545, EPI_ISL_4574553, EPI_ISL_4574554
see above EPI_ISL_4574532, EI	Shakha Medical Mall Hospital PI_ISL_4574534, EPI_ISL_4574537, EPI	DeepSeq Nottingham I_ISL_4574544, EPI_ISL_457454	Alex Tarr; C Patrick McClure; Christopher Moore; Fei Sang; Johnny Debebe; Jonathan Ball; Matthew Carlisle; Matthew Loose; Nadine Holmes; Paywast Jamal Jalal; Sazan Qadir Maulud; Shalaw Sardar Faraj; Victoria Wright 6, EPI_ISL_4574548, EPI_ISL_4574550
see above	Shar Hospital	DeepSeq Nottingham	Alex Tarr; C Patrick McClure; Christopher Moore; Fei Sang; Johnny Debebe; Jonathan Ball; Matthew Carlisle; Matthew Loose; Nadine Holmes; Paywast Jamal Jalal; Sazan Qadir Maulud; Shalaw Sardar Faraj; Victoria Wright
FPI ISI 4790116	Site de Casamozza	CERRA HealthCare	Bénédicte Roquebert: Laura Verdurme: Sabine Trombert: Stéphanie Haim-Boukobza

Bénédicte Roquebert; Laura Verdurme; Sabine Trombert; Stéphanie Haim-Boukobza

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Site de Casamozza

CERBA HealthCare

EPI_ISL_4790103, EPI_ISL_4790107	Site de Lupino	CERBA HealthCare	Bénédicte Roquebert; Laura Verdurme; Sabine Trombert; Stéphanie Haim-Boukobza
EPI_ISL_4713344, EPI_ISL_4713651, EPI_ISL_4713667	South Super Highway Molecular Diagnostic Laboratory	Philippine Genome Center	Alethea R. de Guzman; Anna Ong-Lim; Arianne A. Zamora; Benedict A. Maralit; Carlo M. Lapid; Celia Carlos; Cynthia P. Saloma; Devon Ray Pacia; Diomedes A. Cariño; Edsel Maurice Salvana; El King D. Morado; Elcid Aaron R. Pangiliann; Eva Maria Cutiongco-de la Paz; Francis A. Tablizo; Henrietta Marie Rodriguez; Jaime C. Montoya; Jan Michael C. Yap; Javini F. Nijales; Johannah S. Llames; John Q. Wong; Joshua Grego, Joshua G
EPI_ISL_4712081, EF EPI_ISL_4741924	'I_ISL_4712193, EPI_ISL_4712369, EPI_	ISL_4712396, EPI_ISL_4712503	, EPI_ISL_4712886, EPI_ISL_4713847, EPI_ISL_4713876, EPI_ISL_4741357, EPI_ISL_4741251, EPI_ISL_4741270, EPI_ISL_4741270, EPI_ISL_4741290, EPI_ISL_4741297, EPI_ISL_4741302, EPI_ISL_4741313, EPI_ISL_4741333, EPI_ISL_4741352, EPI_ISL_4741357, EPI_ISL_4741344, EPI_ISL_4741913,
see above	Southern Isabela Medical Center Molecular Diagnostic & Research Laboratory (SIMC - MDRL)	Philippine Genome Center	Alethea R. de Guzman; Anna Ong-Lim; Arianne A. Zamora; Benedict A. Maralit; Carlo M. Lapid; Celia Carlos; Cynthia P. Saloma; Devon Ray Pacial; Diomedes A. Cariño; Edsel Maurice Salvana; El King D. Morado; Elcid Aaron R. Pangilinan; Eva Maria Cutiongco-de la Paz; Francis A. Tablizo; Henrietta Marie Rodriguez; Jaime C. Montoya; Jan Michael C. Yapj, Jarvin E. Rujpales; Jo-Hannah S. Llames; John O. Wong; John, Usong; John, Juna Antonio R. Magalang; Kana Rayal Ra
EPI_ISL_4742123, EPI_ISL_4742129	Southern Philippines Medical Center (SPMC)	Philippine Genome Center	Alethea R. de Guzman; Anna Ong-Lim; Arianne A. Zamora; Benedict A. Maralit; Carlo M. Lapid; Celia Carlos; Cynthia P. Saloma; Devon Ray Pacial; Diomedes A. Cariño; Edsel Maurice Salvana; El King D. Morado; Elcid Aaron R. Pangilinan; Eva Maria Cutiongco-de la Paz; Francis A. Tablizo; Henrietta Marie Rodriguez; Jaime C. Montoya; Jan Michael C. Yap; Jarvin E. Nipajes; Jo-Hannah S. Llames; John Q. Wong; Joshua Gregor A. Dizon; Juan Antonio R. Magalang; Karol Sophia Agape R. Padilla; Kenneth M. Kin; Kirs P. Punayan; Kristina Patriz Dela Curu; Lindsay Clara D. L. Carandang; Ma. Examil Plantig; Marc Edsel C. Ayes; Maria Rosrio Singh-Vergeire; Maria Sofia L. Yangzon; Marielle M. Gamboa; Marised As Alejandria; Niña Francesca Bustamante; Razel Nikka, H. Hao; Renato Jacinto Q. Mantaring; Rianna Patricia S. Cruz; Shiela Mae M. Arizia; Yvonnov Alerice Austria; Ziporah Mariebelle R. Enriquez; Zyrel V. Mollejon
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EPI_ISL_4717318, EPI_ISL_4742192, EPI_ISL_4742225	St. Luke's Medical Center - BGC (HB)	Philippine Genome Center	Alethea R. de Guzman; Anna Ong-Lim; Arianne A. Zamora; Benedict A. Maralit; Carlo M. Lapid; Celia Carlos; Cynthia P. Saloma; Devon Ray Pacial; Diomedes A. Cariño; Edsel Maurice Salvana; El King D. Morado; Elcid Aaron R. Pangilinan; Eva Maria Cutiongco-de la Paz; Francis A. Tablizo; Henrietta Marie Rodriguez; Jaine C. Montoya; Jan Michael C. Yapp; Jarvin E. Nipales; Jo-Hannah S. Llames; John Q. Wong; Johnsua Gregor A. Dizon; Juan Antonio R. Magalang; Karol Sophia Agape R. Padilla; Kennetth M. Kim; Kris P. Punayan; Kristina Patriz Dela Cruz; Lindsay Clare D.L. Carandang; Ma. Exanil Plantig; Marc Edsel C. Ayes; Maria Rosario Singh-Vergeire; Maria Sofia L. Yangzon; Marielle M. Camboa; Marissa Alejandria; Niña Francesca Bustamante; Razel Nikka M. Hao; Renato Jacinto Q. Mantaring; Rianna Patricia S. Cruz; Shiela Mae M. Araiza; Yvonne Valerie Austria; Zipporah Mariebelle R. Enriquez; Zyrel V. Mollejon
EPI_ISL_4714887, EPI_ISL_4715007, EPI_ISL_4715109, EPI_ISL_4715190, EPI_ISL_4741508	Sta. Ana Hospital	Philippine Genome Center	Alethea R. de Guzman; Anna Ong-Lim; Arianne A. Zamora; Benedict A. Maralit; Carlo M. Lapid; Celia Carlos; Cynthia P. Saloma; Devon Ray Pacial; Diomedes A. Cariño; Edsel Maurice Salvana; El King D. Morado; Elcid Aaron R. Pangilinan; Eva Maria Cutiongco-de la Paz; Francis A. Tablizo; Henrietta Marie Rodriguez; Jaime C. Montoya; Jan Michael C. Yap; Jarvin E. Nipales; Jo-Hannah S. Llames; John Q. Wong; Joshua Gregor A. Dizon; Juan Antonio R. Magalang; Karol Sophia Agape R. Padilla; Kenneth M. Kin; Kris P. Punayan; Kristina Patriz Dela Cruz; Lindsay Clare D.L. Carandang; Ma. Exanil Plantig; Marc Edsel C. Ayes; Maria Rosario Singh-Vergeire; Maria Sofia L. Yangzon; Marielle M. Gamboa; Marissa Alejandria; Niña Francesca Bustamante; Razel Nikka M. Hao; Renato Jacinto Q. Mantaring; Rianna Patricia S. Cruz; Shiela Mae M. Araiza; Yvonne Valerie Austria; Zipporah Mariebelle R. Enriquez; Zyrel V. Mollejon
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EPI_ISL_4503371, EF EPI_ISL_4503393, EF EPI_ISL_4503415, EF EPI_ISL_4503439, EF EPI_ISL_4503461, EF EPI_ISL_4503484, EF	I ISL 4503372, EPI ISL 4503373, EPI ISL 4503373, EPI ISL 4503395, EPI ISL 4503495, EPI ISL 4503417, EPI ISL 4503441, EPI ISL 4503441, EPI ISL 4503463, EPI ISL 4503463, EPI ISL 4503463, EPI ISL 4503486, EPI ISL	ISL_4503374, EPI_ISL_4503375 ISL_4503396, EPI_ISL_4503397 ISL_4503418, EPI_ISL_4503419 ISL_4503442, EPI_ISL_4503443 ISL_4503464, EPI_ISL_4503465 ISL_4503487, EPI_ISL_4503465	, EPI_ISL_4503354, EPI_ISL_4503355, EPI_ISL_4503356, EPI_ISL_4503357, EPI_ISL_4503357, EPI_ISL_4503358, EPI_ISL_4503359, EPI_ISL_4503359, EPI_ISL_4503359, EPI_ISL_4503369, EPI_ISL_4503369, EPI_ISL_4503369, EPI_ISL_4503370, EPI_ISL_4503376, EPI_ISL_4503376, EPI_ISL_4503389, EPI_ISL_4503389, EPI_ISL_4503389, EPI_ISL_4503389, EPI_ISL_4503389, EPI_ISL_4503389, EPI_ISL_4503389, EPI_ISL_4503389, EPI_ISL_4503340, EPI_ISL_450340, EPI_ISL_4
see above	Synlab Eesti OÜ	Laboratory of Communicable Diseases (Estonia); 2. Eurofins Genomics Europe Sequencing GmbH	Liidia Dotsenko et al.
EPI_ISL_4547751, EPI_ISL_4547752, EPI_ISL_4551680, EPI_ISL_4551681	Szpital Specjalistyczny im. H. Klimontowicza Medyczne Laboratorium Mikrobiologiczne	Wojewódzka Stacja Sanitarno-Epidemiologiczna w Katowicach	Beata Rozwadowska
EPI_ISL_4547749, EF			, EPI_ISL_4547761, EPI_ISL_4547762, EPI_ISL_4547763, EPI_ISL_4547764, EPI_ISL_4547765, EPI_ISL_4547765, EPI_ISL_4547766, EPI_ISL_4547767, EPI_ISL_4547767, EPI_ISL_4547769, EPI_ISL_4551647, EPI_ISL_4551648, EPI_ISL_4551649, EPI_ISL_4551672, EPI_ISL_4551674, EPI_ISL_4551675, EPI_ISL_4551676, EPI_ISL_4551698, EPI_ISL_4551705
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EPI_ISL_4712302, EF see above	I_ISL_4712823, EPI_ISL_4713328, EPI_ THE MEDICAL CITY	ISL_4713429, EPI_ISL_4713508 Philippine Genome Center	, EPI_ISL_4713646, EPI_ISL_4713708  Alethea R. de Guzman; Anna Ong-Lim; Arianne A. Zamora; Benedict A. Maralit; Carlo M. Lapid; Celia Carlos; Cynthia P. Saloma; Devon Ray Pacial; Diomedes A. Cariño; Edsel Maurice Salvana; El King D. Morado; Elcid Aaron R. Pangilinan; Eva Maria Cutiongco-de la Paz; Francis A. Tablizo; Henrietta Marie Rodriguez; Jaime C. Montoya; Jan Michael C. Yap; Jarvin E. Nipales; Jo-Hannah S. Llames; John Q. Wong; Joshua Gregor A. Dizon; Juan Antonio R. Magalang; Karol Sophia Agape R. Padilla; Kenneth M. Kim; Kris P. Punayan; Kristina Patriz Dela Cruz; Lindsay Clare D.L. Carandang; Ma. Exanii Plantig; Marc Edsel C. Ayes; Maria
EPI_ISL_4572467, EF EPI_ISL_4600423, EF	I ISL 4572468, EPI ISL 4572469, EPI	ISL_4572470, EPI_ISL_4572471 ISL_4600426, EPI_ISL_4600427	Rosario Singh-Vergeire; Maria Sofia L. Yangzon; Marielle M. Gamboa; Marissa Alejandria; Niña Francesca Bustamante; Razel Nikka M. Hao; Renato Jacinto Q. Mantaring; Rianna Patricia S. Cruz; Shiela Mae M. Araiza; Yonone Valerie Austria; Zipporah Mariebelle R. Enriquez; Zyrel V. Mollejon  Lepi St. 4572450, EPI JSL 4572451, EPI JSL 4572452, EPI JSL 4572453, EPI JSL 45724545, EPI JSL 4572456, EPI JSL 4572466, EPI JSL 4572466, EPI JSL 4572466, EPI JSL 4572467, EPI JSL 4572467, EPI JSL 4600413, EPI JSL 4600416, EPI JS
see above	TN DOH Lab Services	TN DOH Lab Services	Brian Selinsky; Karen Beasley-Maynard
EPI_ISL_4578347 EPI_ISL_4741311.	TSGH-CP molecular lab Tarlac Provincial Hospital - Molecular	TSGH-CP molecular lab Philippine Genome Center	Cherng-Lih Perng; Chien-Wen Chen; Chih-Kai Chang; Feng-Yee Chang; Hsing-Yi Chung; Hung-Sheng Shang; Jung-Chung Lin; Kuo-Ming Yeh; Kuo-Sheng Hung; Ming-Jr JIAN; Sheng-Kang Chiu; Shih-Hung Tsai; Tien-Yao Chang Alethea R. de Guzman; Anna Ong-Lim; Arianne A. Zamora; Benedict A. Maralit; Carlo M. Lapid; Celia Carlos; Cynthia P. Saloma; Devon Ray Pacial; Diomedes A. Cariño; Edsel Maurice Salvana; El King D. Morado; Elcid Aaron R. Pangilinan; Eva Maria Cutiongco-de la Paz; Francis A. Tablizo; Henrietta Marie Rodriguez;
EPI_ISL_4741923 EPI_ISL_4760500,	Pathology Laboratory  Temporary Specimen Collection	Hong Kong Department of	Jaime C. Montoya; Jan Michael C. Yap; Jarvin E. Nipales; Jo-Hannah S. Llames; John O. Wong; Joshua Gregor A. Dizon; Juan Antonio R. Magalang; Karo Sophia Agape R. Padilla; Kenneth M. Kim; Kris P. Punayan; Kristina Patriz Dela Cruz; Lindsay Clare D.L. Carandang; Ma. Exanii Plantig; Marc Edsel C. Ayes; Maria Rosario Singh-Vergeire; Maria Sofia L. Yangzon; Marielle M. Gamboa; Marissa Alejandria; Niña Francesca del Bustamante; Razel Nikka M. Hao; Renato Jacinto Q. Mantaring; Rianna Patricia S. Cruz; Shiela Mae M. Araiza; Yvonne Valerie Austria; Zipporah Mariebelle R. Enriquez; Zyrel V. Mollejon  Alan K.L. Tsang; Edman T.K. Lam; Ken H.L. Ng; Peter C.W. Yip; Rickjason C.W. Chan
EPI_ISL_4760501, EPI_ISL_4760502, EPI_ISL_4760503, EPI_ISL_4760504	Centre at the AsiaWorld-Expo	Health	
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EPI_ISL_4716112, EPI_ISL_4717432, EPI_ISL_4717438, EPI_ISL_4717463	Teresita Jalandoni Provincial Hospital	Philippine Genome Center	Alethea R. de Guzman; Anna Ong-Lim; Arianne A. Zamora; Benedict A. Maralit; Carlo M. Lapid; Celia Carlos; Cynthia P. Saloma; Devon Ray Pacial; Diomedes A. Cariño; Edsel Maurice Salvana; El King D. Morado; Elcid Aaron R. Pangilinan; Eva Maria Cutiongco-de la Paz; Francis A. Tabiizo; Henrietta Marie Rodriguez; Jaime C. Montoya; Jan Michael C. Yap; Jarvin E. Nipales; Jo-Hannah S. Llames; John Q. Wong; Joshua Gregor A. Dizon; Juan Antonio R. Magalang; Karol Sophia Agape R. Padilia; Kenneth M. Kim; Kris P. Punayan; Kristina Patriz Dela Cruz; Lindsay Clare D.L. Carandang; Ma. Exanii Plantig; Marc Edsel C. Ayes; Maria Rosario Singh-Vergeire; Maria Sofia L. Yangzon; Marielle M. Gamboa; Marissa Alejandria; Niña Francesca Bustamante; Razel Nikka M. Hao; Renato Jacinto Q. Mantaring; Rianna Patricia S. Cruz; Shiela Mae M. Araiza; Yvonne Valerie Austria; Zipporah Mariebelle R. Enriquez; Zyrel V. Mollejon
EPI_ISL_4602699	The Health Hut	Grambling State University	Audrey Y. Kim; Jacquelyn K. White; Jamie J. Newman; Paul Kim; Thomas Bishop

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EPI\_ISL\_4714939, EPI\_ISL\_4715074, EPI\_ISL\_4715839, EPI\_ISL\_4715908, EPI\_ISL\_4716638, EPI\_ISL\_4716666, EPI\_ISL\_4717091, EPI\_ISL\_4717149

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FPI ISI 4731223

EPI ISL 4740408

EPI\_ISL\_4740388

EPI ISL 4513498

EPI\_ISL\_4513496

EPI ISL 4549262

## EPI\_ISL\_4713227, EPI\_ISL\_4715391, EPI\_ISL\_4715421, EPI\_ISL\_4715990, EPI\_ISL\_4716083, EPI\_ISL\_4717134, EPI\_ISL\_4741960, EPI\_ISL\_4741964

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EPI\_ISL\_4743427, EPI\_ISL\_4743428, EPI\_ISL\_4743428, EPI\_ISL\_4743429, EPI\_ISL\_4743430, EPI\_ISL\_4743430, EPI\_ISL\_4743432, EPI\_ISL\_4743432, EPI\_ISL\_4743434, EPI\_ISL\_4743434, EPI\_ISL\_4743434, EPI\_ISL\_4743436, EPI\_ISL\_4743437, EPI\_ISL\_4743439, EPI\_ISL\_4743439, EPI\_ISL\_4743430, EPI\_ISL\_4743434, EPI\_ISL\_4743434, EPI\_ISL\_4743434, EPI\_ISL\_4743434, EPI\_ISL\_4743436, EPI\_ISL\_4743437, EPI\_ISL\_4743437, EPI\_ISL\_4743439, EPI\_IS

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EPI_ISL_4730404	Tuanku Ja'afar Hospital	Institute for Medical Research, Infectious Disease Research Centre. National	Ahmad FA; Ahmad Fazilah NA; Anasir MI; Azizan MA; Kamel K; Mohd Zawawi Z; Norhisyam SN; Ramly N; Robert F; Suppiah J; Thayan R
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EPI ISL 4513500, EPI ISL 4513501, EPI ISL 4513502, EPI ISL 4513502, EPI ISL 4513503, EPI ISL 4513503, EPI ISL 4513505, EPI ISL 4513505, EPI ISL 4513505, EPI ISL 4513505, EPI ISL 4513509, EPI ISL 4731197, EPI ISL 4731197, EPI ISL 4731209, EPI ISL 4731210, EPI ISL 4731216, EPI ISL 4816825, EPI ISL 4816827, EPI ISL 4816827, EPI ISL 4816827, EPI ISL 4816827, EPI ISL 4731216, EPI IS see ahove LINIT KESIHATAN AWAM HERHK LIKM Medical Molecular Mira Farzana hinti Mohamad Mokhtar Riology Institute (LIMRI) EPI ISL 4513504 UNIT KESIHATAN AWAM UKA UKM Medical Molecula Mira Farzana binti Mohamad Mokhta Biology Institute (UMBI)

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Woiewódzka Stacia see above Vitomed Sp. z o.o. Sanitarno-Epidemiologiczna

w Katowicach

EPI\_ISL\_4508277, EPI\_ISL\_4508278, EPI\_ISL\_4508278, EPI\_ISL\_4508279, EPI\_ISL\_4508289, EPI\_ISL\_4508280, EPI\_ISL\_4508281, EPI\_ISL\_4508282, EPI\_ISL\_4508282, EPI\_ISL\_4508284, EPI\_ISL\_4508284, EPI\_ISL\_4508284, EPI\_ISL\_4508284, EPI\_ISL\_450829, EPI\_ISL\_450829, EPI\_ISL\_4508294, EPI\_ISL\_4508294, EPI\_ISL\_4508294, EPI\_ISL\_4508294, EPI\_ISL\_4508294, EPI\_ISL\_4508294, EPI\_ISL\_4508284, EPI\_ISL\_

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