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

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FPI ISI 5541890 Benguet General Hospital Philippine Genome Center

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EPI ISL 5543694. EPI ISL 5543803. EPI ISL 5543803. EPI ISL 5543805. EPI ISL 5543805. EPI ISL 5543875. EPI ISL 5544076. EPI ISL 5544090. EPI ISL 5544090. EPI ISL 5544090. EPI ISL 5544095. EPI ISL 5544095. EPI ISL 5544076. EPI IS EPI ISL 5546473, EPI ISL 5546693, EPI ISL 55476693, EPI ISL 55476693, EPI ISL 5547666, EPI ISL 5547686, EPI ISL 5547686, EPI ISL 5547698, EPI EPT ISL 5547827, EPT ISL 5547847, EPT ISL 5547841, EPT ISL 5547841, EPT ISL 5547845, EPT ISL 5551797, EPT IS EPI ISL 5551823, EPI ISL 5551985, EPI ISL 5551985, EPI ISL 5552039, EPI IS EPI_SL_5554703, EPI_SL_5554775, EPI_SL_5554775, EPI_SL_5554989, EPI_SL_5554989, EPI_SL_5555997, EPI_SL_5556054, EPI_SL_5556054 EPI_SL_5558411, EPI_SL_5558464, EPI_SL_5558464, EPI_SL_55586073, EPI_SL_55580035, EPI_SL_55500035, EPI_SL_5560035, EPI_SL_5560035, EPI_SL_5560035, EPI_SL_5560035, EPI_SL_5560079, EPI_SL_5560079, EPI_SL_5560009, EPI_SL_5560 EPI_ISL_5561368, EPI_ISL_5562884, EPI_ISL_5563912, EPI_ISL_5563928, EPI_ISL_5564207, EPI_ISL_5564336

see above Bicol Regional Diagnostic and Reference Laboratory Philippine Genome Center Alethea R. de Guzman; Alyssa Joyce E. Telles; 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 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 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

FPI ISI 5544483 Biopath Clinical Diagnostics Inc. (E. Rodriguez) Philippine Genome Center EPI ISL 5550041

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EPI_ISL_5471044, Department of Microbiology, University Biopticka laborator s.r.o EPI ISL 5471045 Hospital in Pilsen EPI ISL 5471046

EPI ISL 5540070, EPI ISL 5545400, EPI ISL 5545400, EPI ISL 5545735, EPI ISL 5545735, EPI ISL 5552525, EPI ISL 5552633, EPI ISL 555263, EPI ISL 555263, EPI ISL 555263, EPI ISL 5551425, EPI ISL 555263, EPI ISL 555263, EPI ISL 555263, EPI ISL 555387, EPI ISL 555387, EPI ISL 555387, EPI ISL 555477, EPI ISL 555387, EPI ISL 555387, EPI ISL 555477, EPI IS EPI_ISL_5553906

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Boitumelo J. L Zuze; Botshelo Radibe; Dorcas Maruapula; Joseph Makhema; Keoratile Ntshambiwa; Kgomotso Moruisi; Legodile Kooepile; Letsibogo Gaoraelwe; Mosepele Mosepele; Mphaphi B. Mbulawa; Ontlametse T. Bareng; Pamela Smith-Lawrence; Roger Shapiro; Sefetogi Ramaologa; Shahin Lockman; Sikhulile Moyo; Simani Gaseitsiwe; Thela Tefelo; Thongbotho Mphoyakgosi; Wonderful T. Choga

EPI_ISL_5540701, EPI_ISL_5540729, EPI_ISL_5540913, EPI_ISL_5541446, EPI_ISL_5541457, EPI_ISL_5541489, EPI_ISL_5541494, EPI_ISL_5541664, EPI_ISL_5541696

see above Bulacan Medical Center Philippine Genome Center

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Ariza Adnan: Fadzilah Mohd Nor: Lim Wai Feng: Mohd Asif Mohd Sukri: Mohd Nur Fakhruzzaman Noorizhah: Mohd Zaki Salleh: Sazzli Shahlan Kassim: Siti Farah Alwani Mohd Nawi: Siti Hamimah Sheikh Abdul Kadir: Teh Lav Kek: Wang Seok Mu

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EPI_ISL_5417812, EPI_ISL_5417813, EPI_ISL_5417813, EPI_ISL_5417813, EPI_ISL_5417814, EPI_ISL_5417815, EPI_ISL_5417815, EPI_ISL_5417815, EPI_ISL_5417817, EPI_IS see above CGB laboratoř, a.s. Barbora Blumová: Hana Jaworek: Kateřina Kubáňová: Marián Haidúch: Rastislav Slavkovský: Vladimíra Koudeláková

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lérémie Gras: Pascale Hilber

EPI ISL 5530602, EPI ISL 5530603, EPI ISL 5530604, EPI ISL 5530607, EPI ISL 5530608, EPI ISL 5530610, EPI ISL 5530611 COMPENSAR - LABORATORIO CLINICO LOS COBOS

Beatriz de Arco; Carlos Franco-Muñoz; Diego A. Álvarez-Díaz; Diego Andrés Prada; Dioselina Peláez-Carvajal; Gerardo Santamaría; Héctor Alejandro Ruiz-Moreno; Jhonnatan Reales-González; Jorge Rivera; Julián Naizaque; Katherine Laiton-Donato; Marcela Mercado-Reyes. Instituto Nacional de Salud- Dirección Martha Lucia Ospina Martínez; María T. Herrera-Sepúlveda; Paola Rojas-Estevez; Sheryll Corchuelo; Tatiana Cobos de Investigación en Salud Pública

EPI ISL 5417115, EPI ISL 5417127, EPI ISL 5417139, EPI ISL 5417139, EPI ISL 5417143, EPI ISL 5417153, EPI ISL 5417155, EPI ISL 5417157, EPI ISL 5417160, EPI ISL 5417169, EPI ISL 5417171, EPI ISL 5417182, EPI ISL 5417186, EPI ISL 5427837 Department of Medical Microbiology, see ahove CPRC IKN7

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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 Michael Egana; John Q. Wong; Joshua Gregor A. Dizon; Joshua Jose Endozo; Juan Antonio R. Magalang; Karol Sophia Agape GeneXpert) R. Padilla; 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_5540145, EPI_ISL_5540146, EPI_ISL_5540146, EPI_ISL_5540166, EPI_ISL_5540266, EPI_ISL_55402673, EPI_ISL_5540273, EPI_ISL_5540273, EPI_ISL_5540273, EPI_ISL_5540273, EPI_ISL_5540283, EPI_ISL_5540293, EPI_ISL_5540283, EPI_I

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Davao Regional Medical Center Alethea R. de Guzman: Alvssa Joyce F. Telles: 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 see above Philippine Genome Center 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 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. Punavan; Kristina Patriz Dela Cruz; Lindsay Clare D.L. Carandang; Ma. Exanil Plantig: Marc Edsel C. Aves; Maria Rosario Singh-Vergeire; Maria Sofia L. Yangzon; Marielle M. Gamboa; Marissa Aleiandria; 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 5501673 Debswana Orapa Mine Hospital Laboratory Botswana Harvard HIV Reference Boitumelo I, L Zuze: Botshelo Radibe: Dorcas Maruapula: Joseph Makhema; Keoratile Ntshambiwa: Koomotso Moruisi; Leoodile Kooepile: Letsibogo Gaoraelwe: Mosepele Mosepele: Mphaphi B. Mbulawa: Ontlametse T. Bareng; Pamela Smith-Lawrence: Roger Shapiro FPI ISI 5502201 Laboratory Sefetogi Ramaologa: Shahin Lockman: Sikhulile Movo: Simani Gaseitsiwe: Thela Tefelo: Thongbotho Mohovakgosi: Wonderful T. Choga EPI ISL 5502377 EPI_ISL_5503083

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University Malaya Medical Centre

Philippine Genome Center

Philippine Genome Center

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			R. Padilla; Kris P. Punayan; Kristina Patriz Dela Cruz; Lindsay Clare D.L. Carandang; Ma. Exani Plantity, Marc Edsel C. Ayes; Maria Rosario Singh-Vergeire; Maria Sofia L. Yangzon; Marielle M. Gambos; Marssa 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_5395633, EPI_ISL_5395635	Dr. Jih-Jin Tsai	Dr. Jih-Jin Tsai	Ching-Yi Tsai; Chun-Hong Chen; Inn-Wen Chong; Jer-Ming Chang; Jih-Jin Tsai; Li-Teh Liu; Miao-Chen Hsu; Ping-Chang Lin; Shang-Jyh Hwang; Wan-Long Chuang; Yan-Yi Tsai
EPI_ISL_5561813, EPI_ISL_5569082, EPI_ISL_5569287, EPI_ISL_5570397,	Dr. Jorge P. Royeca Hospital	Philippine Genome Center	Alethea R. de Guzman; Alyssa Joyce E. Telles; 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; Jarvín E. Nipales; Jo-Hannah S. Llames; John Michael Egana; John Q. Wong; Joshua Gregor A. Dizon; Joshua Jose Endozo; Juan Antonio R. Magalang; Karol Sophia Agape R. Padilla; Kris P. Punayan; Kristina Patriz Dela Cruz; Lindsay Clare D.L. Carandang; Ma. Exanil Plantig; Mare Edsel C. Ayeş; Maria Rosario Gingh-Vergeire; Maria Sofia L. Ayangon; 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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FPI ISI 5396587 Enche' Besar Hajjah Khalsom Hospital (HEBHK) Institute for Medical Research. Ahmad FA: Ahmad Fazilah NA: Anasir MI: Azizan MA: Kamel K: Mohd Zawawi Z: Norhisham SN: Ramly N: Robert F: Suppiah I: Thayan I Infectious Disease Research Centre, National Institutes of Health, Ministry of

EPI ISL 5541499. EPI ISL 5541516. EPI ISL 5541516. EPI ISL 5541545. EPI ISL 5541546. EPI ISL 5543545. EPI ISL 5543462. EPI ISL 5543467. EPI ISL 5543470. EPI ISL 5543470. EPI ISL 5543470. EPI ISL 5543470. EPI ISL 5543670. EPI ISL 5543724, EPI ISL 5543751, EPI ISL 5543751, EPI ISL 5543751, EPI ISL 5543751, EPI ISL 5545556, EPI ISL 554556, EPI ISL 554556, EPI ISL 5545718, EPI ISL 5545718, EPI ISL 5545718, EPI ISL 5545718, EPI ISL 5545779, EPI ISL 5545718, EPI ISL EPĪ ISL 55552845, EPĪ ISL 5553298, EPĪ ISL 5553298, EPĪ ISL 5553298, EPĪ ISL 5555317, EPĪ ISL 5555317, EPĪ ISL 55553217, EPĪ ISL 5555321, EPĪ ISL 5555321, EPĪ ISL 55554696, E EPI ISL 5557083. EPI ISL 5557087. EPI ISL 5557098. EPI ISL 5557198. EPI ISL 5557198. EPI ISL 5557198. EPI ISL 5557198. EPI ISL 5560550. EPI ISL 5560550.

Alethea R. de Guzman; Alvssa loyce E. Telles; 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; Eya Maria see above First Aide Diagnostic Center Philippine Genome Center 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 Michael Egána; 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 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

Ahmad FA; Ahmad Fazilah NA; Anasir MI; Azizan MA; Kamel K; Mohd Zawawi Z; Norhisham SN; Ramly N; Robert F; Suppiah J; Thayan R

Health Malaysia EPI_ISL_5543547, EPI_ISL_5543549, EPI_ISL_5543557, EPI_ISL_5543559, EPI_ISL_5543569, EPI_ISL_5543634, EPI_ISL_5543635, EPI_ISL_5543657, EPI_ISL_5543659, EPI_ISL_5543659, EPI_ISL_5543659, EPI_ISL_554359, EPI

Graman Medical & Maternity Hospital Inc Molecular see above

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. Panqilinan; Eva Maria Cutiongco-de la Paz; Philippine Genome Center Laboratory 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; 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. Molleion

EPI_ISL_5450199, EPI_ISL_5450207, EPI_ISL_5450211, EPI_ISL_5450221, EPI_ISL_5450232, EPI_ISL_5450239, EPI_ISL_5450247

Forensic Unit, Keningau Hospital

HOSPITAL BALIK PULALI IPROMISE LIITM 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 Mu EPI ISL 5450410 HOSPITAL BUKIT MERTAIAM 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 Mu

EPI_ISL_5450119 EPI_ISL_5417597	HOSPITAL KEPALA BATAS HOSPITAL PAKAR SULTANAH FATIMAH	iPROMISE, UiTM UKM Medical Molecular Biology Institute (UMBI)	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
	50160, EPI_ISL_5450171, EPI_ISL_5450174, EPI_ISL_545018	80, EPI_ISL_5450186, EPI_ISL_5450255	
see above EPI_ISL_5429411,	HOSPITAL PULAU PINANG HOSPITAL SEGAMAT	iPROMISE, UiTM UKM Medical Molecular Biology Institute	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
EP_ISL_5429415, EPI_ISL_5429420, EP_ISL_5429424, EPI_ISL_5429425, EPI_ISL_5429429		(UMBI)	
EPI_ISL_5417615, EPI_ISL_5417617, EPI_ISL_5417618, EPI_ISL_5417632, EPI_ISL_5417634	HOSPITAL SULTANAH NORA ISMAIL	UKM Medical Molecular Biology Institute (UMBI)	Mira Farzana binti Mohamad Mokhtar
EPI_ISL_5450144, EPI_ISL_5450149, EPI_ISL_5450163	НРР	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_5417621, EPI_ISL_5417624	HPSF, MUAR	UKM Medical Molecular Biology Institute (UMBI)	Mira Farzana binti Mohamad Mokhtar
EPI_ISL_5428467, EPI_ISL_5428496, EPI_ISL_5428514	НРТИ	Laboratorio Departamental de Salud Publica de Antioquia	Ana Victoria Valencia Duarte; Cristian Arbey Velarde Hoyos; Gloria Isabel Escobar; Idabely Betancur Ortiz; Juan P. Hernandez-Ortiz; Juan Pablo Isaza Agudelo; Maria Stella López
EPI_ISL_5450527, EPI_ISL_5450569	НТАА	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_5544365, EPI_ISL_554 see above	14369, EPI_ISL_5544462, EPI_ISL_5544569, EPI_ISL_554463 Health Delivery Systems, Inc.	32, EPI_ISL_5551603, EPI_ISL_5552223, EPI_ Philippine Genome Center	_ISL_5553303, EPL_ISL_5553833, EPL_ISL_5554160, EPL_ISL_5554499, EPL_ISL_5554483, EPL_ISL_5554483, EPL_ISL_5555226, EPL_ISL_555226, EPL_ISL_5555282, EPL_ISL_5555398, EPL_ISL_5555481, EPL_ISL_5557892 Alethea R. de Guzman; Alyssa Joyce E. Telles; 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 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 Clare Du. Carandang; Ma. Carand
EPI_ISL_5548371, EPI_ISL_554 see above	l8618, EPI_ISL_5548709, EPI_ISL_5548869, EPI_ISL_555202 Healthway Medical	26, EPI_ISL_5552911, EPI_ISL_5553740, EPI_ Philippine Genome Center	JSL_5553923, EPI_ISL_5554303, EPI_ISL_5555131, EPI_ISL_5555200, EPI_ISL_5555200, EPI_ISL_5557044, EPI_ISL_5557049, EPI_ISL_5557049, EPI_ISL_5557069, EPI_ISL_5557089, EPI_ISL_5557089, EPI_ISL_5557089, EPI_ISL_5557089, EPI_ISL_5557089, EPI_ISL_5557089, EPI_ISL_5557089, EPI_ISL_557089, EPI_ISL_55708, EPI_ISL_557089, EPI_ISL_557089, EPI_ISL_557089, EPI_ISL_557089, EPI_ISL_557089, EPI
EPI_ISL_5411102, EPI_ISL_541 see above		LO, EPI_ISL_5411112, EPI_ISL_5411991, EPI_ Imelda Ziekenhuis	ISL_5411993, EPIISL_5411994, EPIISL_5412006, EPIISL_5412007, EPIISL_5412008, EPIISL_5412009 Dagmar Obbels; Hanne Valgaeren; Johan Frans
	14596, EPI_ISL_5548479, EPI_ISL_5551140, EPI_ISL_555889		
see above	Hi-Precision Diagnostic Center (QC)	Philippine Genome Center	Alethea R. de Guzman; Alyssa Joyce E. Telles; 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. Tabilzo; Henrietta Marie Rodriguez; Jaime C. Montoya; Jan Michael C. Yap; Jarvin E. Nijables; Jo-Hannah S. Llames; John 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 Patric; Dela Cruz; Lindasy Clare D.L. Carandang; Ma. Zanarldang; Ma. Zanarldang; Ma. Zanarldang; Ma. Zanarldang; Ma. Zanarldang; Ma. Zanarldang; Ma. Sarai Soria L. Sanarja Soria L. Stanarja Soria
EPI_ISL_5409870, EPI_ISL_540 see above	9874, EPI_ISL_5409884, EPI_ISL_5409893, EPI_ISL_540989 Hospital	94, EPI_ISL_5409895, EPI_ISL_5409896, EPI_ National Reference Center for Viruses	_SL_5409897, EPL_SL_5409898, EPL_SL_5409899, EPL_SL_5409900, EPL_SL_5409901, EPL_SL_5409937, EPL_SL_5409971 Alexandra Ducancelle; Angela Brisebarre; Camille Capel; CaméLia Mokhtari - Mercier; Catherine Gaudry Graffin; Christophe Malabat; Corinne Maufrais; CéCile Farrugia; Etienne Simon-Lorière; Fazia Ould Hocine; Frédéric Lemoine; José Bras Cachinho; Julien Fumey; L.
	,	of Respiratory Infections, Institut Pasteur, Paris	Courdavault; Louise Lefrançois; Marion Barbet; Maud Vanpeene; Méline Bizard; Pierre Alain Billy; Slim El-Khiari; Sylvie Behillil; Sylvie Van der Werf; ValéRie Serazin; Vincent Enouf
EPI_ISL_5428522, EPI_ISL_542 see above	28523, EPI_ISL_5536435, EPI_ISL_5536436, EPI_ISL_553643 Hospital Ampang	87, EPI_ISL_5536438, EPI_ISL_5536439 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_5536411, EPI_ISL_5536433, EPI_ISL_5536434, EPI_ISL_5536440, EPI_ISL_5536453, EPI_ISL_5536454	Hospital Banting	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_5417593, EPI_ISL_541	17636, EPI_ISL_5417637, EPI_ISL_5428860, EPI_ISL_542886		
see above	Hospital Canselor Tuanku Muhriz (HCTM)	UKM Medical Molecular Biology Institute (UMBI)	Mira Farzana binti Mohamad Mokhtar
EPI_ISL_5428560, EPI_ISL_5428561, EPI_ISL_5428562	Hospital Canselor Tuanku Muhriz UKM	Malaysia Genome Institute	Abdul Hamydy A Hamid; Ainihayati Noordin; Anita Sulong; Azrin Ahmad; Badrul AH Yusoff; Enizza Kasim; Haslina Mahbob; Irni Suhayu Sapian; Kon Ken Wong; Mohd Faizal Abu Bakar; Mohd Noor Mat Isa; Muhammad Faiz Mohd Ali; Muttaqillah Najihan A Samat; Najma Kori; Noor Hamiza Ghulam; Nor Maslini Ismail; Nordiana Ismail; Nur Sahairah Awang; Nurhezreen Md Iqbal; Petrick Periasamy; Shamsidar Sopie; Siti Noraini Othman; Siti Norlia Othman; Siti Nurazizah M Asripin; Umi Kalsom Ali; Yusuf Muhammad Noor; Zetti Zainol Rashid
EPI_ISL_5396967, EPI_ISL_5397197, EPI_ISL_5397717	Hospital Clínico Universitario Virgen de la Arrixaca	Hospital Clínico Universitario Virgen de la Arrixaca	Laura Moreno Parrado and Luis Javier Gil-Gallardo; Marina Simón Páez
			ISL_5524307, EPI_ISL_5524308, EPI_ISL_5524310, EPI_ISL_5524311, EPI_ISL_5524312, EPI_ISL_5524313, EPI_ISL_5524315, EPI_ISL_5524316, EPI_ISL_5524316, EPI_ISL_5524320, EPI_ISL_5524321, EPI_ISL_5524322, ISL_5524334, EPI_ISL_5524335, EPI_ISL_5524336, EPI_ISL_5524337, EPI_ISL_5524337, EPI_ISL_5524338, EPI_ISL_5524338, EPI_ISL_5524339, EPI_ISL_552433
			SL_5524346, EPI_ISL_5524348, EPI_ISL_5524349, EPI_ISL_5524350, EPI_ISL_5524351, EPI_ISL_5524352, EPI_ISL_5524353, EPI_ISL_5524354, EPI_ISL_5524356, EPI_ISL_5524357, EPI_ISL_5524358, EPI_ISL_5524359
see above	Hospital Dr. Mauricio Heyermann	Unidad de Genómica y Bioinformática, Núcleo Científico y Tecnológico en Biorecursos (BIOREN), Universidad de La Frontera	Benjamín Durán-Vinet; Benjamín Leyton Carcaman; Claudio Vásquez; María de la Luz Mora; Michel Abanto
EPI_ISL_5536449, EPI_ISL_5536450	Hospital Duchess of Kent	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_5428547, EPI_ISL_542	Hospital General Villarrobledo 28526, EPI_ISL_5428527, EPI_ISL_5428528, EPI_ISL_542852 28548, EPI_ISL_5428549, EPI_ISL_5428550, EPI_ISL_542855 36451, EPI_ISL_5536452, EPI_ISL_5536457	Hospital General Universitario Albacete 29, EPI_ISL_5428530, EPI_ISL_5428531, EPI_ 31, EPI_ISL_5428552, EPI_ISL_5428553, EPI_	Caridad Sainz de Baranda; Lorena Robles-Fonseca SL_5428532, EPL SL_5428533, EPL SL_5428534, EPL SL_5428535, EPL SL_5428536, EPL SL_5428536, EPL SL_5428537, EPL SL_5428537, EPL SL_5428538, EPL SL_5428539, EPL SL_5428541, EPL SL_5428542, EPL SL_5428543, EPL SL_5428544, EPL SL_5536418, EPL
see above	Hospital Kajang	Malaysia Genome Institute	Azrin Ahmad; Enizza Kasim; Irni Suhayu Sapian; Mohd Faizal Abu Bakar; Mohd Ghows Mohd Azzam.; Mohd Noor Mat Isa; Nor Azfa Johan; Nurhezreen Md Iqbal; Shamsidar Sopie; Siti Noraini Othman; Yusuf Muhammad Noor
EPI_ISL_5536446 EPI_ISL_5450398	Hospital Keningau Hospital Kepala Batas	Malaysia Genome Institute iPROMISE, UiTM	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 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_5536447	Hospital Kota Marudu	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_5536448, EPI_ISL_5536455, EPI_ISL_5583912	Hospital Kudat	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_5450321, EPI_ISL_545 see above	50326, EPI_ISL_5450332, EPI_ISL_5450337, EPI_ISL_545034 Hospital Pulau Pinang	14, EPI_ISL_5450353, EPI_ISL_5450358, EPI_ iPROMISE, UiTM	

EPI_ISL_5536426, EPI_ISL_5536427, EPI_ISL_5536428			
EPI_ISL_5417123, EPI_ISL_5417125, EPI_ISL_5417148	Hospital Raja Perempuan Zainab II	Department of Medical Microbiology, University Malaya Medical Centre	I-Ching SAM; Jolene Yin Ling FU; Omar Khalilur Rahman; Yoke Fun Chan
EPI_ISL_5428517 EPI_ISL_5417622,	Hospital Selayang Hospital Sultanah Nora Ismail	Malaysia Genome Institute UKM Medical Molecular Biology 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 Mira Farzana binti Mohamad Mokhtar
EPI_ISL_5417631 EPI ISL 5428518,	Hospital Sungai Buloh	(UMBI) 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
EPLISL_5428519, EPLISL_5428520, EPLISL_5428521, EPLISL_5536432	.,,	.,,	
EPI_ISL_5536445, EPI_ISL_5536456	Hospital Tawau	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_5536441, EPI_ISL_5536442, EPI_ISL_5536443, EPI_ISL_5536444	Hospital Thomson Kota Damansara	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_5417183	Hospital Tuanku Fauziah	Department of Medical Microbiology, University Malaya Medical Centre	I-Ching SAM; Jolene Yin Ling FU; Omar Khalilur Rahman; Yoke Fun Chan
EPI_ISL_5450523 EPI_ISL_5524266, EPI_ISL_!	Hospital Tuanku Fauziah 5524270, EPI_ISL_5524273, EPI_ISL_5524278, EPI_ISL_552428(iPROMISE, UiTM), EPI_ISL_5524285, EPI_ISL_5524288, EPI_	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
see above	Hospital Universitario Marqués de Valdecilla	Servicio de Microbiologia. Hospital Universitario Marqués de Valdecilla	Javier Freire Salinas; Jesús Agüero Balbín; Jesús Rodríguez Lozano; Jorge Calvo Montes; Mónica Gozalo Margüello; Sergio Garcia Fernandez
EPI_ISL_5428464, EPI_ISL_5428471	ICMT APARTADO	Laboratorio Departamental de Salud Publica de Antioquia	Ana Victoria Valencia Duarte; Cristian Arbey Velarde Hoyos; Gloria Isabel Escobar; Idabely Betancur Ortiz; Juan P. Hernandez-Ortiz; Juan Pablo Isaza Agudelo; Maria Stella López
EPI_ISL_5428474, EPI_ISL_5428475, EPI_ISL_5428483, EPI_ISL_5428484	ICMT SABANETA	Laboratorio Departamental de Salud Publica de Antioquia	Ana Victoria Valencia Duarte; Cristian Arbey Velarde Hoyos; Gloria Isabel Escobar; Idabely Betancur Ortiz; Juan P. Hernandez-Ortiz; Juan Pablo Isaza Agudelo; Maria Stella López
EPI_ISL_5417603	ICU Dahlia, Medical department	UKM Medical Molecular Biology Institute (UMBI)	Mira Farzana binti Mohamad Mokhtar
EPI_ISL_5428492, EPI_ISL_5428500	IDIME	Laboratorio Departamental de Salud Publica de Antioquia	Ana Victoria Valencia Duarte; Cristian Arbey Velarde Hoyos; Gloria Isabel Escobar; Idabely Betancur Ortiz; Juan P. Hernandez-Ortiz; Juan Pablo Isaza Agudelo; Maria Stella López
EPI_ISL_5564153, EPI_ISL_5564197	IOM- Manila Health Centre Laboratory	Philippine Genome Center	Alethea R. de Guzman; Alyssa Joyce E. Telles; 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. Nijales; Jo-Hannah S. Llames; John Michael Egana; John Q. Wong; Joshua Gregor A. Dizon; Joshua Jose Endozo; Juan Antonio R. Magalang; Karol Sophia Agape R. Padilla; 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 Yanggon; Mariele 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_5541861, EPI_ISL_ EPI_ISL_5553782, EPI_ISL_	5542267, EPL_ISL_5542583, EPL_ISL_5542709, EPL_ISL_554276(5556018, EPL_ISL_5556406, EPL_ISL_5556509, EPL_ISL_555652	D, EPI_ISL_5542796, EPI_ISL_5542803, EPI_ 5, EPI_ISL_5556688, EPI_ISL_5557014, EPI_	SL_554283, EP SL_5545251, EP SL_55452636, EP SL_5545934, EP SL_5545934, EP SL_5547098, EP SL_55547146, EP SL_5547196, EP SL_5547160, EP SL_5547560, EP SL_5552442, EP SL_5552442, EP SL_5553093, EP SL_5553203, EP SL_5553350, EP SL_5553350, EP SL_5553564, EP SL_5553748, EP SL_5557120, EP SL_5557120, EP SL_5557120, EP SL_5557370, EP SL_5557548, EP SL_555705, EP SL_5552406
see above	llocos Training and Regional Medical Center	Philippine Genome Center	Alethea R. de Guzman; Alyssa Joyce E. Telles; 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 Rodríguez; Jaime C. Montoya; Jan Michael C. Yap; Jarvin E. Nipales; Jo-Hannah S. Llames; John 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 Patric Dela Cruz; Linday Clare D. L. Carandang; Ma. Zarandang;
EPI_ISL_5558656, EPI_ISL_5559537, EPI_ISL_5559681, EPI_ISL_5559815, EPI_ISL_5563362, EPI_ISL_5564142	lloilo Provincial Hospital	Philippine Genome Center	Alethea R. de Guzman; Alyssa Joyce E. Telles; Anna Ong-Lim; Arianne A. Zamora; Benedict A. Maralit Carlo M. Lapid; Celia Carlos; Cynthia P. Saloma; Devon Ray Pacial; Diomedes A. Cariño; Edset Maurice Salvans; El King D. Morados; Licid Aaron R. Panglilinan; Eva Maria Cutiongco-de la Paz; Francis A. Tablizo; Henriett Marie Rodriguez; Jaime C. Montoya; Jan Michael C. Yap; Jarvin E. Nipales; John Michael E. Yap; Jarvin E. Spana; John O. Wong; Joshua Gregor A. Dizon; Joshua Jose Fadozo; Juan Artobicz; Lindsoy; Maria Gardos; Maria Gardos; Joshua Gardos; Maria Ga
EPI_ISL_5411097, EPI_ISL_			JSL_5411997, EPL_ISL_5411998, EPL_ISL_5412000, EPL_ISL_5412003, EPL_ISL_5412004, EPL_ISL_5412005, EPL_ISL_5463918
see above EPI_ISL_5419432,	Imelda Ziekenhuis Indian Council of Medical Research-National Institute of	Imelda Ziekenhuis Indian Council of Medical Research-	Dagmar Obbels; Hanne Valgaeren; Johan Frans Pragya Yadav
EPI_ISL_5429343, EPI_ISL_5429357, EPI_ISL_5429361	Virology, Microbial Containment Complex	National Institute of Virology, Microbial Containment Complex	
EPI_ISL_5417614	Institut Biologi Molekul Perubatan UKM	UKM Medical Molecular Biology Institute (UMBI)	Mira Farzana binti Mohamad Mokhtar
EPI_ISL_5417822, EPI_ISL_ see above	5417823, EPI_ISL_5417834, EPI_ISL_5417835, EPI_ISL_5417836 Institute of Molecular and Translational Medicine / Laboratory of Experimental Medicine, Faculty of Medicine and Dentistry, Palacky University	Institute of Molecular and Translational	Barbora Blumová; Hana Jaworek; Katefina Kubáňová; Marián Hajdúch; Rastislav Slavkovský; Vladimíra Koudeláková
	5538298, EPI SL_5538305, EPI SL_5538311, EPI SL_553832: 5538452, EPI_ISL_5538464, EPI_ISL_5538469, EPI_ISL_553847:		SL_5538346, EP ISL_5538354, EP ISL_5538364, EP ISL_5538361, EP ISL_5538364, EP ISL_5538368, EP ISL_5538373, EP ISL_5538378, EP ISL_5538388, EP ISL_5538395, EP ISL_5538400, EP ISL_5538410, EP ISL_5538415, EP ISL_5538423, EP ISL_5538431, EP ISL_5538442, ISL_553847, EP ISL_5538649, EP ISL_5538649, EP ISL_5538410, EP ISL_5538415, EP ISL_5538423, EP ISL_5538431, EP ISL_5538442, ISL_5538442, EP
see above	Instituto Adolfo Lutz - Regional de Bauru	Instituto Adolfo Lutz, Interdiciplinary Procedures Center, Strategic Laboratory	Caio Vinicius Dias Lopes; Claudia Regina Gonçalves; Claudio Tavares Sacchi; Karoline Rodrigues Campos; Leonardo Tadeu de Araujo; Marlon Benedito Nascimento Santos
EPI_ISL_5538015, EPI_ISL_! see above	5538024, EPI_ISL_5538028, EPI_ISL_5538036, EPI_ISL_5538045 Instituto Adolfo Lutz - Regional de Marilia	5, EPI_ISL_5538051, EPI_ISL_5538062, EPI_ Instituto Adolfo Lutz, Interdiciplinary Procedures Center, Strategic Laboratory	(SL_5538069 Caio Vinicius Dias Lopes; Claudia Regina Gonçalves; Claudio Tavares Sacchi; Karoline Rodrigues Campos; Leonardo Tadeu de Araujo; Marlon Benedito Nascimento Santos
EPI_ISL_5538076, EPI_ISL_! see above	5538083, EPL ISL_5538087, EPL_ISL_5538094, EPL_ISL_5538104 Instituto Adolfo Lutz - Regional de Ribeirao Preto	4, EPI_ISL_5538106, EPI_ISL_5538113, EPI_ Instituto Adolfo Lutz, Interdiciplinary Procedures Center, Strategic Laboratory	[SL_5538119, EPI_ISL_5538127, EPI_ISL_5538678 Caio Vinicius Dias Lopes; Claudia Regina Gonçalves; Claudio Tavares Sacchi; Karoline Rodrigues Campos; Leonardo Tadeu de Araujo; Marlon Benedito Nascimento Santos
EPI_ISL_5538000, EPI_ISL_! see above	5538006, EPI_ISL_5538229, EPI_ISL_5538243, EPI_ISL_5538259 Instituto Adolfo Lutz - Regional de Santos	5, EPI_ISL_5538270, EPI_ISL_5538284, EPI_ Instituto Adolfo Lutz, Interdiciplinary Procedures Center, Strategic Laboratory	[SL_5538652, EPI_SL_5538669 Caio Vinicius Dias Lopes; Claudia Regina Gonçalves; Claudio Tavares Sacchi; Karoline Rodrigues Campos; Leonardo Tadeu de Araujo; Marlon Benedito Nascimento Santos
		4, EPI_ISL_5429655, EPI_ISL_5537991, EPI_	ISL_5538136, EPI_ISL_5538140, EPI_ISL_5538143, EPI_ISL_5538148, EPI_ISL_5538154, EPI_ISL_5538157, EPI_ISL_5538162, EPI_ISL_5538170, EPI_ISL_5538180, EPI_ISL_5538195, EPI_ISL_5538111
see above	Instituto Adolfo Lutz - Regional de Sao Jose do Rio Preto	Procedures Center, Strategic Laboratory	Caio Vinicius Dias Lopes; Claudia Regina Gonçalves; Claudio Tavares Sacchi; Karoline Rodrigues Campos; Leonardo Tadeu de Araujo; Maríon Benedito Nascimento Santos
EPI_ISL_5538493	Instituto Adolfo Lutz - Regional de Sorocaba	Instituto Adolfo Lutz, Interdiciplinary Procedures Center, Strategic Laboratory	Caio Vinicius Dias Lopes; Claudia Regina Gonçalves; Claudio Tavares Sacchi; Karoline Rodrigues Campos; Leonardo Tadeu de Araujo; Marlon Benedito Nascimento Santos
EPI_ISL_5396597, EPI_ISL_5397601	lpoh Public Health Laboratory (MKAI), Ministry of Health Malaysia	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; Suppiah J; Thayan R
EPI_ISL_5450317	JABATAN FORENSIC HOSPITAL PULAU PINANG	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_5450309 EPI_ISL_5417167	JABATAN FORENSIK HOSPITAL PULAU PINANG JABATAN PATOLOGI	iPROMISE, UiTM Department of Medical Microbiology,	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_5417122, EPI_ISL_5417141,	JABATAN PATOLOGI, HRPZ II	University Malaya Medical Centre Department of Medical Microbiology, University Malaya Medical Centre	I-Ching SAM; Jolene Yin Ling FU; Omar Khalilur Rahman; Yoke Fun Chan
EPI_ISL_5417144	7362 FDUICLE417372 FDUICLE417376 FDUICLE417370		
see above	I7162, EPI_ISL_5417172, EPI_ISL_5417176, EPI_ISL_5417179 JABATAN PERUBATAN FORENSIK HOSPITAL SULTANAH BAHIYAH	Department of Medical Microbiology, University Malaya Medical Centre	I-Ching SAM; Jolene Yin Ling FU; Omar Khalilur Rahman; Yoke Fun Chan
EPI_ISL_5450478, EPI_ISL_545	50486, EPI ISL 5450495, EPI ISL 5450503, EPI ISL 5450504	, EPI ISL 5450505, EPI ISL 5450506, EPI	SL_5450511, EP SL_5450512, EP SL_5450515, EP SL_5450516, EP SL_5450517, EP SL_5450517, EP SL_5450519, EP SL_5450519, EP SL_5450520, EP SL_5450521, EP SL_5450522, EP SL_5450528, EP SL_5450529, EP SL_5450535, EP SL_5450534, EP SL_5450540, EP SL_5450550,
EPI_ISL_5450593, EPI_ISL_545 see above	50601, EPI_ISL_5450608, EPI_ISL_5450613, EPI_ISL_5450629 IKN PAHANG	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_5450286	Jabatan Forensik Hospital Pulau Pinang	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
see above	Jabatan Forensik Hospital Sultanah Bahiyah	Department of Medical Microbiology, University Malaya Medical Centre	ISL_5417165, EPI_ISL_5417177, EPI_ISL_5417180, EPI_ISL_5417181, EPI_ISL_5417185 I-Ching SAM; Jolene Yin Ling FU; Omar Khalilur Rahman; Yoke Fun Chan
EPI_ISL_5450577	Jabatan Kesihatan Negeri Perlis	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_5536429, EPI_ISL_5536430, EPI_ISL_5536431	Jabatan Kesihatan Negeri WP Labuan	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_5417120	Jabatan Patologi HRPZ II	Department of Medical Microbiology,	I-Ching SAM; Jolene Yin Ling FU; Omar Khalilur Rahman; Yoke Fun Chan
EPI_ISL_5417184	Jabatan Patologi, Hospital Raja Perempuan Zainab II	University Malaya Medical Centre Department of Medical Microbiology, University Malaya Medical Centre	I-Ching SAM; Jolene Yin Ling FU; Omar Khalilur Rahman; Yoke Fun Chan
EPI_ISL_5450264,	Jabatan Perubatan Forensik	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_5450272, EPI_ISL_5450272, EPI_ISL_5450280, EPI_ISL_5450296, EPI_ISL_5450299, EPI_ISL_5450304	jooddin eldoddin o'elisik	TROMISE, OTH	ALZU AURUN, TOLZINI PONO NO, ZIII TONO ASII PONO ASII PONO NO TONO ZUN SUREI, SUZZI SIMININ ROSSIII, SII BUN AWAII PONO NON, SIERI AUGU ROM, TELEBY REX, WONG ZERX PON
EPI_ISL_5418034, EPI_ISL_541	L8038, EPI_ISL_5418040, EPI_ISL_5418042, EPI_ISL_5418047	', EPI_ISL_5418052, EPI_ISL_5418055, EPI_	ISL_5418058, EPI_ISL_5418063
see above	Johor Bahru Public Health Laboratory	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; Suppiah J; Thayan R
		, FPI_ISL_5543347, EPI_ISL_5543473, EPI_	SL_5543592, EP SL_5543669, EP SL_5543688, EP SL_5543713, EP SL_5543740, EP SL_5543775, EP SL_5543844, EP SL_5544994, EP SL_5545068, EP SL_5546950, EP SL_5547191, EP SL_5547761, EP SL_5548549, EP SL_5548760, E
see above	Jose B. Lingad Memorial General Hospital	Philippine Genome Center	Alethea R. de Guzman; Alyssa Joyce E. Telles; 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 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 Clare D.L. Carandang; Ma. Exanil Planking, Marc Edsel C. Ayes; Maria Rosario Singh-Verepierie, Maria Solia L. Yangzon; Marielle M. Gamboa; Marissa Alejandria; Niña Francesca Bustamante; Razel Nikka M. Hao; Renatod Jacinto Q. Mantaring; Rinana Patricia S. Cruz; Shielda Mee M. Araiza; Yvonne Valerie Austria; Zipporah Mariebelle R. Enriquez; Zyrel V. Mollejon
EPI_ISL_5553510, EPI_ISL_555	53528, EPI_ISL_5553795, EPI_ISL_5555036, EPI_ISL_5556631	, EPI_ISL_5557008, EPI_ISL_5557106, EPI_	ISL 5558682, EPI ISL 5559767
see above	Jose R. Reyes Memorial Medical Center	Philippine Genome Center	Alethea R. de Guzman; Alyssa Joyce E. Telles; 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 Michael Egana; John Q. Wong; Joshua Gregor A. Dizon; Joshua Jose Endozo; Juan Antonio R. Magalang; Karol Sophia Agape R. Padilla; 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 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_5462141	KALGEN INNOLAB	Genomik Solidaritas Indonesia Laboratorium	Andi Utama; Annisa Muthiah Sukirman; Anuraj Shankar; Ariel Pradipta; Arih Daimah; Esti Rahayuning Tias; Gracia Felias Enos Korompis; Himawan Masyhuri; Louisa Markus; Meutia Ayuputeri Kumaheri; Ridho Assidicky; Stefanus Bernard; Vania Gavrila Wikasa
EPI_ISL_5417161, EPI_ISL_5425840	KK KUAH	Department of Medical Microbiology, University Malaya Medical Centre	I-Ching SAM; Jolene Yin Ling FU; Omar Khalilur Rahman; Yoke Fun Chan
EPI_ISL_5450587 EPI_ISL_5543624, EPI_ISL_554			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
See above	48736, EPI_ISL_5549828, EPI_ISL_5556863, EPI_ISL_5556967 Kairos Diagnostics Laboratory	Philippine Genome Center	Alethea R. de Guzman; Alyssa Joyce E. Telles; 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 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 Patric Dela Cruz; Linday Clare DL. Carandang; Ma. Carandang; Ma. Carandang; Ma. Carandang; Ma. Carandang; Maria Rosario Sinigh-Vergeire; Maria Sofia L. Yangagon; 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_5532916, EPI_ISL_5532917	Klinisch Laboratorium ZNA	Klinisch Laboratorium ZNA	Verstrepen et al.
EPI_ISL_5417809	Krajská nemocnice T.Bati, a.s.	Institute of Molecular and Translational Medicine / Laboratory of Experimental Medicine, Faculty of Medicine and Dentistry, Palacky University	Barbora Blumová; Hana Jaworek; Kateřina Kubáňová; Marián Hajdúch; Rastislav Slavkovský; Vladimíra Koudeláková
EPI_ISL_5428461, EPI_ISL_542	28490, EPI_ISL_5428493, EPI_ISL_5428499, EPI_ISL_5428501		ISL 5428504, EPI ISL 5428506
see above	LABORATORIO ECHAVARRIA	Laboratorio Departamental de Salud Publica de Antioquia	Ana Victoria Valencia Duarte; Cristian Arbey Velarde Hoyos; Gloria Isabel Escobar; Idabely Betancur Ortiz; Juan P. Hernandez-Ortiz; Juan Pablo Isaza Agudelo; Maria Stella López
EPI_ISL_5538504, EPI_ISL_553	38510, EPI_ISL_5538515, EPI_ISL_5538523, EPI_ISL_5538536	, EPI_ISL_5538541, EPI_ISL_5538553, EPI_	SL_5538562, EP SL_5538568, EP SL_5538582, EP SL_5538593, EP SL_5538599, EP SL_5538607, EP SL_5538617, EP SL_5538622, EP SL_5538625, EP SL_5538638
see above	LACEN do Distrito Federal	Instituto Adolfo Lutz, Interdiciplinary Procedures Center, Strategic Laboratory	Caio Vinicius Dias Lopes; Claudia Regina Gonçalves; Claudio Tavares Sacchi; Karoline Rodrigues Campos; Leonardo Tadeu de Araujo; Marlon Benedito Nascimento Santos
EPI ISL 5428092, EPI ISL 542	28093. EPI ISL 5428094. EPI ISL 5428095. EPI ISL 5428096		SL_5428099, EP SL_5428100, EP SL_5428390, EP SL_5428393, EP SL_5428394, EP SL_5428395, EP SL_5428417
see above	LESP Aguascalientes		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_5428246, EPI_ISL_542	28247, EPI_ISL_5428248, EPI_ISL_5428249, EPI_ISL_5428250		
see above	LESP Baja California		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_5428218	LESP Baja California Sur		Abril Rodriguez-Maldonado; Ariadna Medina-Benitez; Claudia Wong-Arambula; Ernesto Ramirez-Gonzalez.; Fernando Gonzalez-G
EPI_ISL_5428083, EPI_ISL_542	28101, EPI_ISL_5428102, EPI_ISL_5428103, EPI_ISL_5428104		SL_5428399, EP SL_5428400, EP SL_5428401, EP SL_5428402, EP SL_5428403, EP SL_5428404, EP SL_5428405, EP SL_54285,
see above	LESP Campeche		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_5428127, EPI_ISL_5428136	LESP Chiapas		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_5428428	LESP Chihuahua	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
	28267, EPI_ISL_5428268, EPI_ISL_5428269, EPI_ISL_5428270		
see above	LESP Colima	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; Carpin Rangel-Guerrero; Tatiana Nunez-Garcia; Vanessa Rivero-Arredondo

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see ahove LESP Durango Instituto de Diagnostico y Referencia Abril Rodriguez-Maldonado: Ariadna Medina-Benitez; Claudia Wong-Arambula; Ernesto Ramirez-Gonzalez.: Fernando Gonzalez-Dominguez: Gisela Barrera-Badillo; Irma Logez-Martinez; Ioaguin Quiroz-Mercado; Lucia Hernandez-Rivas; Maribel Gonzalez-Villa; Natividad Cruz Epidemiologicos (INDRE) Ortiz: Sergio Rangel-Guerrero: Tatiana Nunez-Garcia: Vanessa Rivero-Arredondo EPI_ISL_5428175, EPI_ISL_5428176, EPI_ISL_5428176, EPI_ISL_5428177, EPI_ISL_5428177, EPI_ISL_5428193, EPI_IS LESP Guanajuato Instituto de Diagnostico y Referencia - 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 Epidemiologicos (INDRE) Ortiz: Sergio Rangel-Guerrero: Tatiana Nunez-Garcia: Vanessa Rivero-Arredondo EPI ISL 5428292, EPI ISL 5428293, EPI ISL 5428294, EPI ISL 5428295, EPI ISL 5428296, EPI ISL 5428296, EPI ISL 5428297, EPI ISL 5428299, EPI ISL 5428399, EPI ISL 5428300, EPI ISL 5428301, EPI ISL 5428302, EPI ISL 5428303, EPI ISL 5428303, EPI ISL 5428394, EPI ISL 5428450 coo above LESP Hidalog Instituto de Diagnostico y Referencia 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 Epidemiologicos (INDRE) Ortiz: Sergio Rangel-Guerrero: Tatiana Nunez-Garcia: Vanessa Rivero-Arredondo EPI ISL 5428084, EPI ISL 5428085, EPI ISL 5428085, EPI ISL 5428085, EPI ISL 5428087, EPI ISL 5428037, EPI ISL 5428334, EPI ISL 542834, EPI ISL EPI_ISL_5428437, EPI_ISL_5428443 LESP lalisco Instituto de Diagnostico y Referencia Abril Rodriguez-Maldonado: Ariadna Medina-Benitez; Claudia Wong-Arambula; Ernesto Ramirez-Gonzalez.: Fernando Gonzalez-Dominguez: Gisela Barrera-Badillo; Irma Logez-Martinez; Ioaguin Quiroz-Mercado; Lucia Hernandez-Rivas; Maribel Gonzalez-Villa; Natividad Cruz see above Ortiz: Sergio Rangel-Guerrero: Tatiana Nunez-Garcia: Vanessa Rivero-Arredondo EPI_ISL_5428091 LESP Mexico City Instituto de Diagnostico y Referencia 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

FPI ISI 5428182 Enidemiologicos (INDRE) Ortiz: Sergio Rangel-Guerrero: Tatiana Nunez-Garcia: Vanessa Rivero-Arredondo EPI_ISL_5428317 EPI ISL 5428318

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Instituto de Diagnostico y Referencia 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 Enidemiologicos (INDRE) Ortiz; Sergio Rangel-Guerrero; Tatiana Nunez-Garcia; Vanessa Rivero-Arredondo EPI ISL 5428106, EPI ISL 5428107, EPI ISL 5428107, EPI ISL 5428107, EPI ISL 5428108, EPI ISL 5428109, EPI IS EPI ISL 5428168, EPI ISL 5428169, EPI ISL 5428171, EPI ISL 5428172, EPI ISL 5428173, EPI ISL 5428174, EPI ISL 5428420, EPI ISL 5428441

LESP Morelos Instituto de Diagnostico y Referencia Abril Rodriguez-Maldonado: Ariadna Medina-Benitez; Claudia Wong-Arambula; Ernesto Ramirez-Gonzalez.: Fernando Gonzalez-Dominguez: Gisela Barrera-Badillo; Irma Logez-Martinez; Ioaguin Quiroz-Mercado; Lucia Hernandez-Rivas; Maribel Gonzalez-Villa; Natividad Cruz see ahove Epidemiologicos (INDRE) Ortiz: Sergio Rangel-Guerrero: Tatiana Nunez-Garcia: Vanessa Rivero-Arredondo

LESP Nayarit EPI_ISL_5428423, Instituto de Diagnostico y Referencia Abril Rodriguez-Maldonado: Ariadna Medina-Benitez: Claudia Wong-Arambula; Ernesto Ramirez-Gonzalez.: Fernando Gonzalez-Dominguez: Gisela Barrera-Badillo: Irma Lopez-Martinez: Ioaguin Ouiroz-Mercado: Lucia Hernandez-Rivas: Maribel Gonzalez-Villa: Natividad Cruz FPI ISI 5428452 Epidemiologicos (INDRE) Ortiz: Sergio Rangel-Guerrero: Tatiana Nunez-Garcia: Vanessa Rivero-Arredondo EPI ISL 5428454

EPI_SL_5428081, EPI_SL_5428073, EPI_SL_5428273, EPI_SL_5428214, EPI_SL_5428214, EPI_SL_5428276, EPI_SL_5428376, EPI_SL_5428370, EPI_SL_5428376, EPI_SL_5428370, EPI_SL_5428370, EPI_SL_5428370, EPI_SL_5428370, EPI_SL_5428370, EPI_SL_5428380, EPI_SL_5428380, EPI_SL_5428370, EPI_SL_5428370 EPI ISL 5428387, EPI ISL 5428388, EPI ISL 5428389, EPI ISL 5428419, EPI ISL 5428434, EPI ISL 5428447

LESP Nuevo Leon Instituto de Diagnostico y Referencia 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 Cruzsee above Epidemiologicos (INDRE) Ortiz; Sergio Rangel-Guerrero; Tatiana Nunez-Garcia; Vanessa Rivero-Arredondo

EPI ISL 5428304, EPI ISL 5428305, EPI ISL 5428306, EPI ISL 5428307, EPI ISL 5428308, EPI ISL 5428435, EPI ISL 5428451, EPI ISL 5428453, EPI ISL 5428453 see above LESP Puebla Instituto de Diagnostico y Referencia — 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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Instituto de Diagnostico y Referencia 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 see above Epidemiologicos (INDRE) Ortiz; Sergio Rangel-Guerrero; Tatiana Nunez-Garcia; Vanessa Rivero-Arredondo EPI_ISL_5428243, EPI_ISL_5428244, EPI_ISL_5428245, EPI_ISL_5428264, EPI_ISL_5428265, EPI_ISL_5428266, EPI_ISL_5428413, EPI_ISL_5428444

see above LESP Quintana Roc Instituto de Diagnostico y Referencia 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 Epidemiologicos (INDRE) Ortiz: Sergio Rangel-Guerrero: Tatiana Nunez-Garcia: Vanessa Rivero-Arredondo Instituto de Diagnostico y Referencia 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 EPI ISL 5428124 LESP San Luis Potosi EPI ISL 5428125 Ortiz: Sergio Rangel-Guerrero: Tatiana Nunez-Garcia: Vanessa Rivero-Arredondo Epidemiologicos (INDRE)

FPI ISI 5428427 EPI ISL 5428438 EPI_ISL_5428128, LESP Sinaloa Instituto de Diagnostico y Referencia 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-

EPI_ISL_5428130 ISL 5428089, EPI ISL 5428099, EPI ISL 5428090, EPI ISL 5428253, EPI ISL 5428253, EPI ISL 5428255, EPI ISL 5428255, EPI ISL 5428359, EPI ISL 5428360, EPI ISL 5428360, EPI ISL 5428361, EPI ISL 5428361, EPI ISL 5428361, EPI ISL 5428363, EPI ISL 5428363, EPI ISL 5428359, EPI ISL 5428361, EPI ISL 54

EPÜISL_5428364, EPÜISL_5428365, EPÜISL_5428366, EPÜISL_5428367, EPÜISL_5428368, EPÜISL_5428369, EPÜISL_5428416, EPÜISL_5428436, EPÜISL_5428439, EPÜISL_5428446, EPÜISL_5428449 Instituto de Diagnostico y Referencia 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 LESP Sonora see above niologicos (INDRE) Ortiz; Sergio Rangel-Guerrero; Tatiana Nunez-Garcia; Vanessa Rivero-Arredondo

FPI ISI 5428170 LESP State of Mexico Instituto de Diagnostico y Referencia 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 FPI ISI 5428212 Epidemiologicos (INDRE) Ortiz; Sergio Rangel-Guerrero; Tatiana Nunez-Garcia; Vanessa Rivero-Arredondo EPI_ISL_5428217

EPI ISL 5428135, EPI ISL 5428137, EPI ISL 5428137, EPI ISL 5428137, EPI ISL 5428139, EPI ISL 5428139, EPI ISL 5428140, EPI ISL 5428140, EPI ISL 5428141, EPI IS EPI ISL 5428412, EPI ISL 5428422, EPI ISL 5428429, EPI ISL 5428430, EPI ISL 5428431 LESP Tabasco

Instituto de Diagnostico y Referencia Abril Rodriguez-Maldonado; Ariadna Medina-Benitez; Claudia Wong-Arambula; Ernesto Ramirez-Gonzalez-Villa; Natividad Cruz Epidemiologicos (INDRE) Ortiz; Sergio Rangel-Guerrero; Tatiana Nunez-Garcia; Vanessa Rivero-Arredondo FPI ISI 5428115 LESP Tamaulinas Instituto de Diagnostico y Referencia 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

EPI ISL 5428116 Epidemiologicos (INDRE) Ortiz: Sergio Rangel-Guerrero: Tatiana Nunez-Garcia: Vanessa Rivero-Arredondo EPI_ISL_5428131 LESP Tlaxcala Instituto de Diagnostico y Referencia Abril Rodriguez-Maldonado: Ariadna Medina-Benitez; Claudia Wong-Arambula; Ernesto Ramirez-Gonzalez-; Fernando Gonzalez-Dominguez; Gisela Barrera-Badillo; Irma Lopez-Martinez; Joaquin Oujroz-Mercado; Lucia Hernandez-Rivas; Maribel Gonzalez-Villa; Natividad Cruz Epidemiologicos (INDRE) FPI ISI 5428132 Ortiz; Sergio Rangel-Guerrero; Tatiana Nunez-Garcia; Vanessa Rivero-Arredondo EPI ISL 5428133

EPI ISL 5428227, EPI ISL 5428228, EPI ISL 5428229, EPI ISL 5428229, EPI ISL 5428229, EPI ISL 5428230, EPI ISL 5428231, EPI ISL 5428232, EPI ISL 5428232, EPI ISL 5428239, EPI ISL 5428240, EPI ISL 5428241, EPI ISL 5428242, EPI ISL 5428242, EPI ISL 5428432, EPI ISL 5428231, EPI IS

Epidemiologicos (INDRE)

see above LESP Yucatar Instituto de Diagnostico y Referencia 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 Nunez-Garcia; Vanessa Rivero-Arredondo EPI_ISL_5428321, EPI_ISL_5428322, EPI_ISL_5428323, EPI_ISL_5428324, EPI_ISL_5428325, EPI_ISL_5428326, EPI_ISL_5428327, EPI_ISL_5428328, EPI_ISL_5428329, EPI_ISL_5428330, EPI_ISL_5428326

see above LESP Zacatecas Instituto de Diagnostico y Referencia 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 Epidemiologicos (INDRE) EPI_ISL_5441707, EPI_ISL_5441707, EPI_ISL_5441708, EPI_ISL_5441709, EPI_ISL_5441710, EPI_ISL_5441711, EPI_ISL_5441712, EPI_ISL_5441712, EPI_ISL_5441712, EPI_ISL_5441712, EPI_ISL_5441720, EPI_ISL_5441720, EPI_ISL_5441720, EPI_ISL_5441720, EPI_ISL_5441720, EPI_ISL_5441720, EPI_ISL_5441720, EPI_ISL_5441720, EPI_ISL_541720, EPI_ISL_541720, EPI_ISL_541740, EPI_ISL_5417

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see above Lab Hamera Sarana Indonesia National Institute of Health Research Arie Ardiansyah Nugraha; Fajar Nur; Fajar Nur Sulistiyohadi; Hana Apsari Pawestri; Hartanti Dian Ikawati; Kartika Dewi Puspa; Krisna Pangesti; Nelly Puspandari; Subangkit; Sulistiyohadi; Triyani Soekarso; Vivi Setiawaty and Development EPI ISL 5433189 Bruno Verhasselt; Hannelore Hamerlinck; Marija Janevska; May-Linh Truong Lab voor klinische biologie Lab voor klinische biologie

EPI ISL 5409858, EPI ISL 5409859, EPI ISL 5409869, EPI ISL 5409869, EPI ISL 5409860, EPI ISL 5409860, EPI ISL 5409860, EPI ISL 5409873, EPI ISL 5409873, EPI ISL 5409873, EPI ISL 5409873, EPI ISL 5409876, EPI ISL 5409877, EPI ISL 5409878, EPI ISL 5409879, EPI IS FPI ISI 5409882 FPI ISI 5409883 FPI ISI 5409883 FPI ISI 5409885 FPI ISI 5409885 FPI ISI 5409885 FPI ISI 5409886 FPI ISI 5409885 FPI ISI 5409886 FPI ISI 5409886 FPI ISI 5409886 FPI ISI 540988 FPI ISI 54098 FPI ISI EPI ISL 5409919, EPI ISL 5409920, EPI ISL 5409921, EPI ISL 5409922, EPI ISL 5409922, EPI ISL 5409923, EPI ISL 5409924, EPI ISL 5409944, EPI ISL 5409947, EPI ISL 5409948, EPI IS EPI ISL 5409965, EPI ISL 5409966, EPI ISL 5409967, EPI ISL 5409968, EPI ISL 5409969, EPI ISL 5409970

see ahove Labo Analyses Med National Reference Center for Viruses Angela Brisebarre; Anne Holstein; Arnaud Jean; BéNéDicte Roquebert; Camille Capel; Carine Lecorre; Christophe Malabat; Claire Felloni; Claire Pottier; Corinne Maufrais; Domitille Leman; Etienne Simon-Lorière; F. Kerdavid; Frédéric Lemoine; Guillaume Aubin; Julien Fumey of Respiratory Infections, Institut Louise Lefrancois; Marion Barbet; Maud Vanpeene; Méline Bizard; Philippe Girard; Sandrine Simon; Slim El-Khiari; Sylvie Behillil; Sylvie Lamy; Sylvie Robert; Sylvie Van der Werf; ValéRie Weber; Vincent Enouf

EPI ISL 5428799, EPI ISL 5428800, EPI ISL 5428801, EPI ISL 5428802, EPI ISL 5428802, EPI ISL 5428803, EPI ISL 5428804, EPI ISL 5428805, EPI ISL 5428807, EPI ISL 5428809, EPI ISL 5428809, EPI ISL 5428810, EPI ISL 5428811, EPI ISL 5428812, EPI ISL 5428812 see above Laboratori de Referencia de Catalunya Laboratori de Referencia de Catalunya

Ortiz; Sergio Rangel-Guerrero; Tatiana Nunez-Garcia; Vanessa Rivero-Arredondo

EPI ISL 5428319

EPI ISL 5428396 EPI ISL 5428407

FPI ISI 5428129

see above

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LESP Michoacan

EPI ISL 5416042, EPI ISL 5416043, EPI ISL 5416043, EPI ISL 5416043, EPI ISL 5416044, EPI ISL 5416055, EPI ISL 5416055, EPI ISL 5416057, EPI ISL 5416057, EPI ISL 5416058, EPI ISL 5416059, EPI IS

Laboratorio Central Mo. Luis Alfredo see ahove Laboratorio Central Mg. Luis Alfredo Pianciola Pianciola on behalf of 'Provecto Argentino Interinstitucional de genomica de SARS-CoV-2' (PAIS

C Pintos: C Rastellini: C Ziehm: I Ousset: L Pianciola: M Fernandez: M Mazzeo: M Viegas.

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Laboratorio de Biologia Molecular Laboratorio Clinico CITISALUD Andrew S. Muñoz-Gamba; Camila Gonzalez; Daniel B. Ramírez-Osorio; Johana Zúñiga; José A. Usme-Ciro; Maria J. Capmartin; Paula A. Quintero-Cortés; Robinson Alvarez

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Laboratorio de Biologia Molecular, Andrew S. Muñoz-Gamba; Camila González; Daniel B. Ramírez-Osorio; Fernando J. Mejia; Jocelyn Castaño; Johana Zúñiga; José A. Usme-Ciro; Leidy Vanegas; Paula A. Quintero-Cortés

EPI_ISL_5395943 Laboratorio de la Clínica Iberoamérica Universidad Cooperativa de Colombia Santa Marta

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Consortium)

Alethea R. de Guzman; Alyssa Joyce E. Telles; 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 see ahove Laguna Provincial Hospital - San Pablo District Hospital Philippine Genome Center 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 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 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 O. Mantaring: Rianna Patricia S. Cruz: Shiela Mae M. Araiza: Yvonne Valerie Austria: Zipporah Mariebelle R. Enriquez: Zyrel V. Molleion

FPI ISI 5395847 Lahad Datu Hospital Institute for Medical Research FPI_ISI_5395851 Infectious Disease Research Centre EPI ISL 5395855, National Institutes of Health, Ministry of EPI ISL 5395935 Health Malaysia

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Ahmad FA: Ahmad Fazilah NA: Anasir MI: Azizan MA: Kamel K: Mohd Zawawi Z: Norhisham SN: Ramly N: Robert F: Suppiah I: Thayan R

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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; 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. Molleion

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Alethea B. de Guzman: Alvssa Joyce F. Telles: 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 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 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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G Narahari Sastry; Gayatri Gogoi; Jatin Kalita; Moirangthem G Singh; Munmi Bora; Pankaj Bharali; Prasenjit Manna; Romi Wahengbam; Tridip Phukan; Yasmin B Tapadda

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Alvarez M; Cabrera JJ; Carballo R; Cores O; Cortizo S; Davina C; Martinez L; Mediero G; Pena I; Perez S; Potel C; Regueiro B; Rey S; Vasallo FJ; del-Campo V

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see above Molecular Pathology Laboratory, Univ. of Illinois at Iaenbio, Inc. Benjamin Vajsvil: Dan Schmitt: Joshua Bland: Renee Taylor: Shrihari S. Kadkol: Vinaval Kaptra Chicago Group of Genomics and Postgenomic FPI ISI 5406472 Molecular diagnostic Jahoratory of Federal Rudget Akimkin V.G.: Buharina A.Y.: Goncharov S.E.: Kondrasheva L.Y.: Korneenko E.V.: Nadtoka M.L.: Roey G.V.: Samoilov A.E.: Shipulina O.Y.: Sinitsyn S.O.: Smirnova Y.S.: Speranskava A.S.: Svetlichnyi D.V.: Vyhodceva A.V. EPI ISL 5406475, Institution of Science "Central Research Institute of Technologies of Central Research EDI ISI 5406476 Epidemiology" of The Federal Service on Customers Institute of Epidemiology FPI ISI 5406477 Rights Protection and Human Well-being Surveillance EPI ISL 5406478 FPI ISI 5501724 Botswana Harvard HIV Reference Muan Hospital Laboratory Boitumelo J. L Zuze; Botshelo Radibe; Dorcas Maruapula; Joseph Makhema; Keoratile Ntshambiwa; Kgomotso Moruisi; Legodile Kooepile; Letsibogo Gaoraelwe; Mosepele Mosepele; Mphaphi B. Mbulawa; Ontlametse T. Bareng; Pamela Smith-Lawrence; Roger Shapiro FPI ISI 5501771 Laboratory Sefetogi Ramaologa: Shahin Lockman: Sikhulile Moyo: Simani Gaseitsiwe: Thela Tefelo: Thongbotho Mohoyakgosi: Wonderful T. Choga EPI_ISL_5503100 EPI_ISL_5503111 EPI ISL 5536462. Akinde: Avorinde Rahatrunde lames: Azuka Patrick Okwurzaiwe: Rahatunde Lawal Salako: Bamidele Iwalokun; Chika Kinoslev Onwuamah; Folorunsho: Grace Oni; Iosiah Avoola Isono: Ioy Avoola; Muinah Adenike Fowora: Noozi Mirabel Otuonve: Nyam Itse Yusuf; Oio; Olabisi Multidisciplinary Reserch Lab. Osun State University Central Research Laboratory EPI_ISL_5536463 Phasha-Muchemenye Mmatshepho: Sola Aiibaye: Sunday Babatunde: Waidi Sule EPI ISL 5417324, EPI ISL 5417325, EPI ISL 5417325, EPI ISL 5417326, EPI ISL 5417327, EPI ISL 5417327, EPI ISL 5417337, EPI ISL 5417340, EPI ISL 5417347, EPI IS FPI ISI 5417346 FPI ISI 5417347 FPI ISI 5417347 FPI ISI 5417348 FPI ISI 5417348 FPI ISI 5417349 FPI ISI 5417350 FPI ISI 5417366 FPI ISI 5417366 FPI ISI 5417350 FPI ISI 5417350 FPI ISI 5417360 FPI ISI 5417360 FPI ISI 5417360 FPI ISI 5417360 FPI ISI 5417350 FPI ISI 5417360 FPI ISI 541736 EPI ISL 5417368, EPI ISL 5417376, EPI ISL 5417376, EPI ISL 5417377, EPI ISL 541737, EPI ISL 541737, EPI ISL 541738, EPI ISL 541737, EPI ISL 541738, EPI ISL 541737, EPI ISL 541737 EPI ISL 5417390, EPI ISL 5417390, EPI ISL 5417391, EPI ISL 5417392, EPI ISL 5417406, EPI ISL 5417406, EPI ISL 5417406, EPI ISL 5417408, EPI ISL 5417408, EPI ISL 5417409, EPI ISL 5417414, EPI ISL 5417414, EPI ISL 5417414, EPI ISL 5417414, EPI ISL 5417420, EPI IS EPI ISL 5417434, EPI ISL 5417435, EPI ISL 5417435, EPI ISL 5417435, EPI ISL 5417436, EPI ISL 5417437, EPI IS FPI ISI 5417456, FPI ISI 5417456, FPI ISI 5417457, FPI ISI 5417457, FPI ISI 5417459, FPI ISI 5417459, FPI ISI 5417459, FPI ISI 5417474, FPI ISI 5417475, FPI IS EPI ISL 5417478, EPI ISL 5417490, EPI IS EPI ISL 5417504, EPI ISL 5417506, EPI ISL 5417506, EPI ISL 5417506, EPI ISL 5417507, EPI ISL 5417517, EPI IS FP IS 5417526 FP IS 5417527 FP IS 5417527 FP IS 5417527 FP IS 5417528 FP IS 5417528 FP IS 5417532 FP IS 5417533 FP IS 5417533 FP IS 5417544 FP IS 5417534 FP IS 5417544 FP IS 5417547 FP IS 5417545 FP IS 5417547 FP

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Telles: 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 PNP General Hospital Philippine Genome Center EPI_ISL_5561363 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 Michael Egana; John Q. Wong; Joshua Gregor A. Dizon; Joshua Jose Endozo; Juan Antonio R. Magalang; Karol Sophia Agape R. Padilla; Kris P. Punayan; Kristina Patriz Dela Cruz; Indisay Clare D.L. Carandang; Ma. Exani Plana Marc Edel C. Ayes: Maria Rosario Singh-Vergeire; Maria Sofia L. Yangzon; Marielle M. Gamboy; Marissa Alejandria; Niña Francesca Bustamante; Razel Nikka M. Hao; Dela Maris Maria Mar EPI ISL 5561367 EPI_ISL_5544762, PRC - Negros Occidental Molecular Laboratory Philippine Genome Center Alethea R. de Guzman; Alyssa Joyce E. Telles; 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 FPI ISI 5557097 Cutiongco-de la Paz: Francis A. Tablizo: Henrietta Marie Rodriguez: Jaime C. Montova: Jan Michael C. Yan: Jaryin F. Ninales: John Michael Francis A. Tablizo: Henrietta Marie Rodriguez: Jaime C. Montova: Jan Michael C. Yan: Jaryin F. Ninales: John Michael Francis A. Tablizo: Henrietta Marie Rodriguez: Jaime C. Montova: Jaime Jaime C. Montova: Jaime C. Montova: Jaime C. Montova: Jaime C. M FPI ISI 5557140 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 EPI ISL 5557802 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_5441736, EPI_SL_5441737, EPI_SL_5441737, EPI_SL_5441738, EPI_SL_5441778, EPI_SL_5441778, EPI_SL_5441778, EPI_SL_5441779, EPI_SL_5441779, EPI_SL_5441779, EPI_SL_5441779, EPI_SL_5441779, EPI_SL_5441779, EPI_SL_5441779, EPI_SL_544179, EPI_SL_ see above PRVKP FKUI National Institute of Health Research Arie Ardiansyah Nugraha; Fajar Nur Sulistiyohadi; Hana Apsari Pawestri; Hartanti Dian Ikawati; Kartika Dewi Puspa; Krisna Pangesti; Nelly Puspandari; Subangkit; Triyani Soekarso; Vivi Setiawaty and Developmen National Institute of Health Research EPI ISL 5441744 PRVKP FKUI (Lab Hamera Sarana Indonesia) Arie Ardiansyah Nugraha; Fajar Nur Sulistiyohadi; Hana Apsari Pawestri; Hartanti Dian Ikawati; Kartika Dewi Puspa; Krisna Pangesti; Nelly Puspandari; Subangkit; Triyani Soekarso; Vivi Setiawaty FPI ISI 5441745 and Development EPI ISL 5441746 EPI ISL 5441747 EPI_ISL_5502822 Palapve Primary Hospital Botswana Harvard HIV Reference Boitumelo I, L Zuze; Botshelo Radibe; Dorcas Maruapula; Joseph Makhema; Keoratile Ntshambiwa; Koomotso Moruisi; Leoodile Kooepile; Letsibogo Gaoraelwe; Mosepele Mosepele; Mohaphi B, Mbulawa; Ontlametse T, Bareng; Pamela Smith-Lawrence; Roger Shapiro Laboratory Sefetogi Ramaologa; Shahin Lockman; Sikhulile Moyo; Simani Gaseitsiwe; Thela Tefelo; Thongbotho Mphoyakgosi; Wonderful T. Choga FPI ISL 5501661 FPI ISL 5501707 FPI ISL 5501712 FPI ISL 550171 EPI ISL 5502277, EPI ISL 5502278, EPI ISL 5502283, EPI ISL 5502283, EPI ISL 5502283, EPI ISL 5502278, EPI ISL 5502789, EPI IS EPI_SL_5502768, EPI_SL_5502775, EPI_SL_5502775, EPI_SL_5502775, EPI_SL_5502775, EPI_SL_5502775, EPI_SL_5502775, EPI_SL_5502779, EPI_SL_5502779, EPI_SL_5502795, EPI_SL_5502799, EPI_SL_5502799, EPI_SL_5502799, EPI_SL_5502797, EPI_SL_5502797, EPI_SL_5502799, EPI_SL_5502799 EPI ISL 5503003, EPI ISL 5503007, EPI ISL 5503015, EPI ISL 5503021, EPI ISL 5503029, EPI ISL 5503031, EPI ISL 5503040, EPI ISL 5503046, EPI ISL 5503056, EPI ISL 5503066, EPI IS see above Palapye Primary Hospital Laboratory Botswana Harvard HIV Reference Boitumelo J. L Zuze; Botshelo Radibe; Dorcas Maruapula; Joseph Makhema; Keoratile Ntshambiwa; Kgomotso Moruisi; Legodile Kooepile; Letsibogo Gaoraelwe; Mosepele Mosepele; Mphaphi B. Mbulawa; Ontlametse T. Bareng; Pamela Smith-Lawrence; Roger Shapiro; Sefetogi Ramaologa; Shahin Lockman; Sikhulile Moyo; Simani Gaseitsiwe; Thela Tefelo; Thongbotho Mphoyakgosi; Wonderful T. Choga Laboratory EP | ISL 5536937, EP | ISL 5536975, EP | ISL 5537237, EP | ISL 5537237, EP | ISL 5537516, EP | ISL 5537516, EP | ISL 5537931, EP | ISL 5538498, EP | ISL 5538498, EP | ISL 5538498, EP | ISL 5542172, EP | ISL 5542172, EP | ISL 5542172, EP | ISL 5542172, EP | ISL 5542907, EP | ISL 5542138, EP | ISL 554218, EP | ISL 554218, EP | ISL 554218, EP | ISL 554218, EP | ISL 5542907, EP | ISL 5543138, EP | ISL 554218, EP | EPI ISL 5557312, EPI ISL 5557396, EPI ISL 5557396, EPI ISL 5557789, EPI ISL 5557789, EPI ISL 5559635, EPI ISL 5559635, EPI ISL 5559635, EPI ISL 5559626, EPI ISL 5558827, EPI ISL 5558827, EPI ISL 5559827, EPI ISL 5559636, EPI ISL 5559635, EPI ISL 5559636, EPI IS EPI ISL 5561293, EPI ISL 5561362, EPI ISL 5561454, EPI ISL 5561645, EPI ISL 5561895, EPI ISL 5561909, EPI ISL 5562117 Parkway Medical And Diagnostic Center Alethea R. de Guzman: Alvssa Joyce F. Telles: Anna Ono-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: Flcid Aaron R. Pangilinan: Eva Maria see above Philippine Genome Center

EP. JSL. 554013. EP. JSL. 554013. EP. JSL. 554013. EP. JSL. 554053. EP. JSL. 554063. EP. JS

Cutiongco-de la Paz; Francis A. Tablizo; Henrietta Marie Rodríguez; Jiame C. Montoya; Jan Michael C. Yap; Jarvín E. Nipales; Jo-Hannah S. Llames; John 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 Clare D.L. Carandang; Ma. Exanil Plantig; Marc Edsel C. Ayes; Maria Rosario Singh-Vergeire; Maria Sofia L. Yangzon; Marielle M. Gambos, Marissa Alejandria; Niña Francesca Bustamante; Razel Nika M. Hao; Renato Jacinto Q. Mantaring; Rianna Patricia S. Cruz; Shiela Mae M. Ariza; Yonne Valerie Austria; Zipporah Mariebelle R. Enriquez; Zyrel V. Mollejon

EPI ISL 5556971, EPI ISL 5557324, EPI ISL 5557324, EPI ISL 5557324, EPI ISL 5557324, EPI ISL 5569344, EPI ISL 5569375, EPI ISL 5569377, EPI IS EPI ISL 5569525, EPI ISL 5570709, EPI ISL 5570161, EPI ISL 5570437, EPI ISL 5570439, EPI ISL 5570630, EPI ISL 5570697, EPI ISL 5570697, EPI ISL 5570709, EPI ISL 5570738, EPI ISL 5570745, EPI ISL 5570766, EPI ISL 5570604, EPI ISL 5570877 Alethea R. de Guzman: Alvesa lovce F. Telles: Anna Ono, I im: Arianne A. Zamora: Renedict 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 Pasig City Children's Hospital - Child's Hope Philippine Genome Center 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 Michael Egana; John Q. Wong; Joshua Gregor A. Dizon; Joshua Jose Endozo; Juan Antonio R. Maggalang; 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 lacinto O. Mantaring; Rianna Patricia S. Cruz; Shiela Mae M. Araiza; Yvonne Valerie Austria; Zipporah Mariebelle R. Enriquez; Zyrel V. Mollejon EPI ISL 5417129 Peiabat Kesihatan Daerah Jeli Department of Medical Microbiology I-Ching SAM; Jolene Yin Ling FU; Omar Khalilur Rahman; Yoke Fun Chan University Malaya Medical Centre Denartment of Medical Microbiology EPI ISL 5417175 Poishat Kecihatan Daerah Pacir Mac I-Ching SAM; Jolene Yin Ling FU; Omar Khalilur Rahman; Yoke Fun Chan University Malaya Medical Centre FPI ISI 5536422 Peiahat Kesihatan Kawasan Tawau 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 Nooi FPI ISI 5536423 EPI_ISL_5536424 EPI_ISL_5450133, iPROMISE, UiTM Peiabat Kesihatan Pintu Masuk Antarabangsa Pulau 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 Mu EPI_ISL_5450643 Pinang EPI_ISL_5417174 I-Ching SAM: Jolene Yin Ling EU: Omar Khalilur Rahman: Yoke Eun Chan Peiahat Kesihatan Tanah Merah Department of Medical Microbiology University Malaya Medical Centre EPI ISL 5536957, EPI ISL 5537538, EPI ISL 5537538, EPI ISL 5539659, EPI ISL 5540074, EPI ISL 5540074, EPI ISL 5540074, EPI ISL 5540655, EPI ISL 5540655, EPI ISL 5541478, EPI ISL 5541478, EPI ISL 5541478, EPI ISL 5541478, EPI ISL 5540654, EPI ISL 5540655, EPI ISL 5540674, EPI ISL 5540674, EPI ISL 5540677, EPI ISL 5540677, EPI ISL 5540674, EPI ISL 5540674, EPI ISL 5540675, EPI ISL 55406774, EPI ISL 55406774 EP ISL 5542955, EP ISL 55429595, EP ISL 5542993, EP ISL 5543030, EP ISL 5543030, EP ISL 5554303, EP ISL 5554303, EP ISL 5555200, EP ISL 5555203, EP ISL 55560642, EP ISL 5560642, EP ISL 5560642, EP ISL 560642, EP EPI_SL_5570008, EPI_SL_5570088, EPI_SL_5570088, EPI_SL_5570133, EPI_SL_5570202, EPI_SL_5570346, EPI_SL_5570346, EPI_SL_5570446, EPI_SL_5570346, EPI_SL_5570346, EPI_SL_5570367, EPI_SL_5570370, EPI_SL_5570730, EPI_SL_5570730, EPI_SL_5570730, EPI_SL_5570819, EPI_SL_5570819 Alethea R. de Guzman; Alyssa Joyce E. Telles; 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. Panqilinan; Eva Maria Philippine General Hospital (PGH) see above Philippine Genome Center 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 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 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 O. Mantaring: Rianna Patricia S. Cruz: Shiela Mae M. Araiza: Yvonne Valerie Austria: Zipporah Mariebelle R. Enriquez: Zvrel V. Molleion EPI ISL 5543371 Philippine Heart Center 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 Rav 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; 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. Enriguez: Zyrel V. Molleion EPI_SL_5543732, EPI_SL_5544125, EPI_SL_5544127, EPI_SL_5544129, EPI_SL_5540429, EPI_SL_554432, EPI_SL_5544412, EPI_SL_5570469, EPI_SL_5570596,
Philippine National Police Crime Laboratory (PNP Crime Alethea R. de Guzman; Alvssa loyce E. Telles; 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; Eya Maria see above Philippine Genome Center 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 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 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 O. Mantaring: Rianna Patricia S. Cruz: Shiela Mae M. Araiza: Yvonne Valerie Austria: Zipporah Mariebelle R. Enriquez: Zvrel V. Molleion

EPI ISL 5545644 Philippine Red Cross - Cagayan De Oro 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. Tabilzo; Hernietta Marie Rodríguez; 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. Examil Plantiq; Marc Edsel C. Aye; 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; EPI_ISL_5546660 Shiela Mae M. Araiza; Yvonne Valerie Austria; Zipporah Mariebelle R. Enriquez; Zyrel V. Mollejon

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Philippine Red Cross - Clark Molecular Laboratory Alethea R. de Guzman; Alyssa Joyce E. Telles; 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 see above Philippine Genome Center Cutiongco-de la Paz; Francis A. Tablizo; Henrietta Marie Rodriguez; Jairme C. Montoya; Jan Michael C. Yap; Jarvin E. Nipales; Jo-Hannah S. Llames; John 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 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 O. Mantaring: Rianna Patricia S. Cruz: Shiela Mae M. Araiza: Yvonne Valerie Austria: Zipporah Mariebelle R. Enriquez: Zyrel V. Molleion

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Philippine Red Cross - Misamis Oriental Philippine Genome Center Alethea R. de Guzman: Anna Ong-Lim: Arianne A. Zamora: Renedict 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 see above Francis A. Tablizo; Henrietta Marie Rodriguez; Jaime C. Montoya; Jan Michael C. Yap; Jarvin E. Nipales; John Q. Wong; Joshua Gregor A. Dizon; Juan Antonio R. Magalang; Karol Sophia Agape R. Galilla; 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: Zvrel V. Molleion

EPI ISL 5553667 Philippine Red Cross - National Blood Cente Philippine Genome Center Alethea R. de Guzman; Alyssa Joyce E. Telles; 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 EPI ISL 5555369 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 Michael Egana; John Q. Wong; Joshua Gregor A. Dizon; Joshua Jose Endozo; Juan Antonio R. Magalang; Karol Sophia Agape EPI ISL 5557002 R. Padilla: 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 5537336, EPI ISL 5537500, EPI ISL 5537500, EPI ISL 5537500, EPI ISL 5539345, EPI ISL 5539345, EPI ISL 5539608, EPI ISL 553973, EPI ISL 553975, EPI ISL 5539748, EPI ISL 5539774, EPI ISL 5539784, EPI ISL EPI ISL_5540215, EPI ISL_5540223, EPI ISL_5540223, EPI ISL_5540225, EPI ISL_5540226, EPI ISL_5540234, EPI ISL_5540237, EPI ISL_5540234, EPI ISL_5540375, EPI ISL_5540234, EPI ISL_5540375, EPI ISL_5540234, EPI ISL_5540375, EPI ISL_5540334, EPI ISL_554034, EP EPI ISL 5540435, EPI ISL 5540438, EPI ISL 5540444, EPI ISL 5540444, EPI ISL 5540466, EPI ISL 5540466, EPI ISL 5540466, EPI ISL 5540466, EPI ISL 5540566, EPI ISL 5540566, EPI ISL 5540567, EPI ISL 5540577, EPI ISL 5540577, EPI ISL 5540582, EPI ISL 5540583, EPI ISL 5540584, EPI ISL 5540587, EPI IS EPI ISL 5540595, EPI ISL 5540597, EPI ISL 5540597, EPI ISL 55406598, EPI ISL 55406628, EPI ISL 55406607, EPI ISL 5540660 EPĪ ISL 5540686, EPĪ ISL 5540719, EPĪ ISL 5540719, EPĪ ISL 5540777, EPĪ ISL 5542970, EPĪ ISL 5542977, EPĪ ISL 554297, EPĪ ISL EP ISL 5542999, EP ISL 5542999, EP ISL 5542999, EP ISL 5542999, EP ISL 5543042, EP ISL 5543043, EP ISL 5543043, EP ISL 5543048, EP ISL 5543048, EP ISL 5543048, EP ISL 5543049, EP ISL 5543076, EP ISL 5543079, EP ISL 5543076, EP ISL 5543079, EP ISL 5543079 EPI SL_5543118, EPI SL_5543119, EPI SL_5543120, EPI SL_5543120 EPI ISL 5543760, EPI ISL 5543771, EPI ISL 5543771, EPI ISL 5543771, EPI ISL 5543781, EPI ISL 5544490, EPI ISL 5544501, EPI IS EP ISL 5545514, EP ISL 5545170, EP ISL 5546170, EP ISL 5546170, EP ISL 5546288, EP ISL 5548285, EP ISL 5548481, EP ISL 5548481, EP ISL 5548481, EP ISL 55548481, EP ISL 55548481, EP ISL 55548481, EP ISL 5554963, EP ISL 555370, EP ISL 555270, EP ISL 5552818, EP ISL 5552818, EP ISL 5552869, EP ISL 5552869, EP ISL 5552869, EP ISL 5553724, EP ISL 5553869, EP ISL 5554869, EP ISL 5554869, EP ISL 5553869, EP ISL 555386 EPI ISL_5556838, EPI ISL_5557040, EPI ISL_5557040, EPI ISL_5557043, EPI ISL_5557051, EPI ISL_5557051, EPI ISL_5557051, EPI ISL_5557051, EPI ISL_5557051, EPI ISL_5557051, EPI ISL_5557088, EPI IS EP ISL 555999, EP ISL 555999, EP ISL 5559781, EP ISL 5559960, EP ISL 5559960, EP ISL 5560272, EP ISL 5560272, EP ISL 5560327, EP ISL 5560327, EP ISL 5560327, EP ISL 5560327, EP ISL 5562272, EP ISL 5562321, EP ISL 5563232, EP ISL 5562321, EP ISL 5562321, EP ISL 5563232, EPI ISL_5569071, EPI ISL_5569228, EPI ISL_5569228, EPI ISL_5569350, EPI ISL_5569350, EPI ISL_5569370, EPI IS EPI ISL 5570713, EPI ISL 5570751, EPI ISL 5570821, EPI ISL 5570843, EPI ISL 5570875, EPI ISL 5570875, EPI ISL 5570910, EPI ISL 5570912, EPI ISL 5570914, EPI ISL 5570915, EPI ISL 5570919, EPI ISL 5570920, EPI ISL 5570936

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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 O. Mantaring: Rianna Patricia S. Cruz: Shiela Mae M. Araiza: Yvonne Valerie Austria: Zipporah Mariebelle R. Enriquez: Zyrel V. Molleion EPI ISL 5536889, EPI ISL 5536910, EPI ISL 5536910, EPI ISL 5536908, EPI ISL 5536908, EPI ISL 5537116, EPI ISL 5537173, EPI ISL 554027. EPI ISL 5537458, EPI ISL 5537458, EPI ISL 5540267, EPI ISL 554026, EPI ISL 5540271, EPI ISL 5540271, EPI ISL 5540419

Alethea R. de Guzman: Alyssa loyce E. Telles: Anna Ono-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 Michael Egana; John Q. Wong; Joshua Gregor A. Dizon; Joshua Jose Endozo; Juan Antonio R. Magalang; Karol Sophia Agape

EPĪ SL 5540421, EPĪ SL 5540423, EPĪ SL 5540423, EPĪ SL 5540430, EPĪ SL 5540430 EPI ISL 5562487, EPI ISL 5562965, EPI ISL 5563159, EPI ISL 5563488, EPI ISL 5569280, EPI ISL 5570585, EPI ISL 5570658

Philippine Red Cross - Zamboanga Molecular Laboratory Alethea R. de Guzman: Alvssa lovce E. Telles: 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 see above Philippine Genome Center 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 Michael Egana; John O. Wong; Joshua Gregor A. Dizon; Joshua Jose Endozo; Juan Antonio R. Magalang; Karol Sophia Agage R. Padilla; Kenneth M. Kim; Kris P. Punayan; Kristina Patriz Dela Cruz; Lindsay Clare D.L. Carandang; Ma. Examil Plantiq; 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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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 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 Clear O.L. Carandang; Ma. Exanil Planting, Marc Edsel C. Ayes; Maria Rosano Singh-Vereprier, Maria Sofia L. Yangzon; Marielle M. Garmboa; Marissa Alejandria; Niña Francesca Bustamante; Razel Mikia, M. Hao; Renato Jacinto Q. Mantaring; Rianna Patricia S. Cruz; Shiela Mae M. Araiza; Yvonne Valerie Austria; Zipoprah Mariebelle R. Enriquez; Zyrel V. Mollejon

EPI_SL_5554040 Philippine Red Cross Logistics and Multipurpose Center Philippine Genome Center Alethea R. de Guzman; Alyssa Joyce E. Telles; Anna Ong-Lim; 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 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 Michael Egana; John Q. Wong; Joshua Gregor A. Dizon; Joshua Gregor A.

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EPI_ISL_5417723, EPI_ISL_5417732	Poliklinika AGEL, Plzen	Department of Microbiology, University Hospital in Pilsen	Jaroslav Hrabak; Katerina Chudejova; Katerina Vlkova; Vendula Heringova
EPI_ISL_5418733, EPI_ISL_5418995, EPI_ISL_5418999	Pontian 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; Suppiah J; Thayan R
EPI_ISL_5437118, EPI_ISL_5437119	Presidio di Brindisi Di Summa - Perrino	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Bianco A.; Capozzi L.; Del Sambro L.; Difato L.; Giannico A.; Parisi A.; Ridolfi D.; Santoro A.; Simone D.
EPI_ISL_5396592, EPI_ISL_5396594	Public Health Unit, Enche' Besar Hajjah Khalsom Hospital (HEBHK)	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; Suppiah J; Thayan R
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EPI_ISL_5544779, EPI_ISL_5546698, EPI_ISL_5548835, EPI_ISL_5556980	Qualimed Health Network - Iloilo	Philippine Genome Center	Alethea R. de Guzman; Alyssa Joyce E. Telles; 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 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 Clare D.L. Carandang; Ma. Exanif 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_5554896, EPI_ISL_5556969, EPI_ISL_5557054	Qualimed Hospital - San Jose Del Monte	Philippine Genome Center	Alethea R. de Guzman; Alyssa Joyce E. Telles; 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 Michael Egana; John Q. Wong; Joshua Gregor A. Dizon; Joshua Jose Endozo; Juan Antonio R. Magalang; Karol Sophia Agape R. Padilla; 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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see above	Qualimed Hospital Sta. Rosa	Philippine Genome Center	Alethea R. de Guzman; Alyssa Joyce E. Telles; 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 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 Clare D.L. Carandang; Ma. Exanif 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_5462140	RS YARSI	Genomik Solidaritas Indonesia Laboratorium	Annisa Muthiah Sukirman; Anuraj Shankar; Ariel Pradipta; Esti Rahayuning Tias; Gracia Felias Enos Korompis; Himawan Masyhuri; Louisa Markus; Meutia Ayuputeri Kumaheri; Nida; Sayang Rahmadini; Stefanus Bernard; Syukrini Bahri; Vania Gavrila Wikasa
EPI_ISL_5462135, EPI_ISL_5462136, EPI_ISL_5462137, EPI_ISL_5462138	RSAB HARAPAN KITA	Genomik Solidaritas Indonesia Laboratorium	Annisa Muthiah Sukirman; Anuraj Shankar; Ariel Pradipta; Esti Rahayuning Tias; Gracia Felias Enos Korompis; Himawan Masyhuri; Louisa Markus; Meutia Ayuputeri Kumaheri; Ni Sayu Dewi Budhiyani; Stefanus Bernard; Vania Gavrila Wikasa
EPI_ISL_5462139	RSAB Harapan Kita	Genomik Solidaritas Indonesia Laboratorium	Annisa Muthiah Sukirman; Anuraj Shankar; Ariel Pradipta; Esti Rahayuning Tias; Gracia Felias Enos Korompis; Himawan Masyhuri; Louisa Markus; Meutia Ayuputeri Kumaheri; Ni Sayu Dewi Budhiyani; Stefanus Bernard; Vania Gavrila Wikasa
EPI_ISL_5446152, EPI_ISL_5446156	RSAU dr.M. Salamun	Laboratorium Genetik Molekuler, Biomedik Lanjut, FK UNPAD	Any Yuliani; Chrysanti Murad; Dwi Agustian; Fensi Amalia; Jessi Annisa; Lidya Chaidir; Nuni Haeruni; Nurul Setia Rahayu; Rima Destya Triatin; Savira Ekawardhani; Shinta; Tri Hanggono Ahmad; Yanu; Yeni Rendieni; Yunia Sribudiani
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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_5395725, EPI_ISL_53	95734, EPI_ISL_5395740, EPI_ISL_5395742, EPI_ISL_5395750	D, EPI_ISL_5395758, EPI_ISL_5395764, EPI_	SL_5395765, EP _ISL_5395766, EP _ISL_5395777, EPI_ISL_5395778, EPI_ISL_5395779, EPI_ISL_5395784, EPI_ISL_5395785, EPI_ISL_5395786, EPI_ISL_5395787, EPI_ISL_5395788, EPI_ISL_5395791
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
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see above	Region 1 Medical Center	Philippine Genome Center	Alethea R. de Guzman; Alyssa Joyce E. Telles; 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 Michael Egana; John Q. Wong; Joshua Gregor A. Dizon; Joshua Jose Endozo; Juan Antonio R. Magalang; Karol Sophia Agape R. Padilla; Kris P. Punayan; Kristina Patriz Dela Cruz; Lindsay Clare D.L. Carandang; Ma. Examil Plantig; Marc Edsel C. Ayes; Maria Rosario Singh-Vergeier; Maria Sofia L. Yangzor, Marielle M. Gamboa; Marissa Alejandria; Niña Francesca Bustamante; Razel Nikka M. Hao; Rosario Saloma; Vonne Valerie Austria; Zipporah Mariebelle R. Enriquez; Zyrel V. Mollejon
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see above	Research Institute for Tropical Medicine, Inc. (RITM)	Philippine Genome Center	Alethea R. de Guzman; Alyssa Joyce E. Telles; 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 Michael Egana; John Q. Wong; Joshua Gregor A. Dizon; Joshua Jose Endozo; Juan Antonio R. Magalang; Karol Sophia Agape R. Padilla: Kenneth M. Kim; Kir S. Punlavan; Kiršina Patrix Dela Cruz; Lindasv Jare DL. Carandano: Ma. Carandano: Ma. Kenali Plantic: Marc Cédel C. Aves: Maria Rosario Sinoh-Veroeire: Maria Sofia L. Yaprozo: Marielle M. Gamboa: Marissa Aleiandria: Niña Francesca Bustamante: Razel

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Philippine Genome Center

UKM Medical Molecular Biology Institute

Roxas Memorial Provincial Hospital Molecular Laboratory

SWAT TEAM HPSF

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Mollejon EPI ISL 5429139 San Diego County Public Health Laboratory San Diego County Public Health Ashleigh Murphy Schafer: Brett Austin Laboratory EPI ISL 5552795, EPI ISL 5553254, EPI ISL 5553539, EPI ISL 5557006, EPI ISL 5557031, EPI ISL 5557094, EPI ISL 5562963 San Lazaro Hosnital (SLH) Alethea R. de Guzman; Alyssa Joyce E. Telles; 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 see above Philippine Genome Center Cutionoco-de la Paz: Francis A, Tablizo: Henrietta Marie Rodriguez: Jaime C. Montova: Ian Michael C. Yap: Jarvin E, Nipales: Io-Hannah S. Llames: John Michael Egana: John O. Wong: Joshua Gregor A, Dizon: Joshua Jose Endozo: Juan Antonio R. Magalang: Karol Sophia Agage R. Padilla; Kris P. Punayan; Kristina Patriz Dela Cruz; Lindsay Clare D.L. Carandang; Ma. Exanii Plantig; Marc Edsel C. 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Punayan: Kristina Patriz Dela Cruz: Lindsay Clare D.L. Carandang: Ma. Exanil Plantig: Marc Edsel C. Aves: 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_5417697, EPI_ISL_5417705, EPI_ISL_5417707, EPI_ISL_5417716, EPI_ISL_5483445, EPI_ISL_5483472, EPI_ISL_5483495, EPI_ISL_5483528 Department of Microbiology, University Jaroslav Hrabak: Katerina Chudeiova: Katerina Vlkova: Vendula Heringova Hospital in Pilsen EPI ISL 5441341, EPI ISL 5441342, EPI ISL 5441342, EPI ISL 5441343, EPI ISL 5441343, EPI ISL 5441344, EPI ISL 5441344, EPI ISL 5441345, EPI ISL 5441345, EPI ISL 5441357, EPI ISL 5441357, EPI ISL 5441357, EPI ISL 5441357, EPI ISL 5441359, EPI ISL 5441359, EPI ISL 5441360, EPI ISL 5441361, EPI ISL 5441361, EPI ISL 5441353, EPI ISL 5441353, EPI ISL 5441357, EPI IS EP ISL 5441363, EP ISL 5441364, EP ISL 5441364, EP ISL 5441365, EP ISL 5441366, EP ISL 5441366, EP ISL 5441366, EP ISL 5441370, EP ISL 5441370, EP ISL 5441370, EP ISL 5441370, EP ISL 5441380, EP ISL 5441370, EP ISL 5441380, EP ISL 5441390, EP ISL 5441390 EPĪ ISL 5441407, EPĪ ISL 5441407, EPĪ ISL 5441408, EPĪ ISL 5441408, EPĪ ISL 5441410, EPĪ ISL 5441412, EPĪ IS EP ISL 5441433, EP ISL 5441432, EP ISL 5441432, EP ISL 5441433, EP ISL 5441434, EP ISL 5441434, EP ISL 5441435, EP ISL 5441436, EP ISL 5441437, EP ISL 5441437 EPISL 5441475, EPISL 5441476, EPISL 5441477, EPISL 5441477, EPISL 5441477, EPISL 5441477, EPISL 5441477, EPISL 5441479, EPISL EPI ISL 5441523, EPI ISL 5441524, EPI ISL 5441524, EPI ISL 5441525, EPI ISL 5441525, EPI ISL 5441525, EPI ISL 5441525, EPI ISL 5441535, EPI ISL 5441535, EPI ISL 5441545, EPI ISL 5441545, EPI ISL 5441546, EPI IS EP ISL 5441557, EP ISL 5441558, EP ISL 5441559, EP ISL 5441559, EP ISL 5441560, EP ISL 5441577, EP ISL 5441579, EP ISL 5441579, EP ISL 5441590, EP ISL 5441590 EPI ISL 5441601, EPI ISL 5441602, EPI ISL 5441602, EPI ISL 5441602, EPI ISL 5441603, EPI ISL 5441604, EPI ISL 5441619, EPI ISL 5441609, EPI IS FP IS 5441623 FP IS 5441624 FP IS 5441625 FP IS 5441625 FP IS 5441626 FP IS 5441626 FP IS 5441627 FP EPI ISL 5441645, EPI ISL 5441666, EPI ISL 5441667, EPI ISL 544167, EPI ISL 544167 EPI]SL_5441669, EPI]SL_5441669, EPI]SL_5441669, EPI]SL_5441670, EPI]SL_5441670, EPI]SL_5441671, EPI]SL_5441673, EPI]SL_5441673 EPI ISL 5441690, EPI ISL 5441690, EPI ISL 5441692, EPI ISL 5441693, EPI ISL 5441693, EPI ISL 5441694, EPI ISL 5441696, EPI ISL 5441699, EPI ISL 5441699, EPI ISL 5441700, EPI ISL 5441702, EPI ISL 5441703, EPI ISL 5441703, EPI ISL 5441703, EPI ISL 5441703, EPI ISL 5441704, EPI ISL 5441704, EPI ISL 5441705, EPI IS Sealfon Laboratory, Department of Neurology, Icahn van Rakel Laboratory, Genetics and Adriana van de Guchter Ana S. Gonzalez-Reicher Andrew G. Letizia: Royan T. Grenfell: C. Jessica F. Metcalf: Carl W. Goforth: Chad K. Porter: Clare M. Miller: Darci R. Smith: Dawn J. Weir: Ednar Nunez: Ernesto Santa Ana: Francisco Malagon: Gregory K. Rice: Gregory R. see ahove School of Medicine at Mount Sinai Genomics Sciences, Icahn School of Smith; Hala Alshammary; Hanna Pincas; Harm van Bakel; Hua Wei Chen, Irene Ramos; Jan J. Marayag; Jayeeta Dutta; Kimberly A. Bishop-Lilly; Kyle A. Long; Lindsay A. Glang; Logan J. Voegtly; Mary-Catherine George; Megan A. Schilling; Michael S. Termini; Olga G. Medicine at Mount Sinai Troyanskaya; Peifang Sun; Rachel S. G. Sealfon; Regina Z. Cer; Rhonda A. Lizewski; Sang Woo Park; Sindhu Vangeti; Stephen E. Lizewski; Stuart C. Sealfon; Sugiharto; Venugopalan D. Nair; Victor A; Yongchao Ge; Zenab Khan EPI_SL_5407925, EPI_SL_5407934, EPI_SL_5407934, EPI_SL_5407942, EPI_SL_5407946, EPI_SL_5408085, EPI_SL_5408096, EPI_SL_5408096 EPI ISL 5408124, EPI ISL 5408135, EPI ISL 5408142, EPI ISL 5408151, EPI ISL 5408158, EPI ISL 5408169, EPI ISL 5408180, EPI ISL 5408185, EPI ISL 5408193, EPI ISL 5411348, EPI ISL 5411352, EPI ISL 5411353, EPI ISL 5411354, EPI ISL 5411355 Sema4 Angela Yannes; Bisram Deocharan; Feras Hantash; Matthew Capozziello; Rui Gu; Victoria Parkington; Zdenek Markovic EPI ISL 5401039 Shah Alam Hospital Institute for Medical Research Ahmad FA: Ahmad Fazilah NA: Anasir MI: Azizan MA: Kamel K: Mohd Zawawi Z: Norhisham SN: Ramly N: Robert F: Supplah I: Thayan R Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia EPI ISL 5398318 Institute for Medical Research Ahmad FA: Ahmad Fazilah NA: Anasir MI: Azizan MA: Kamel K: Mohd Zawawi Z: Norhisham SN: Ramly N: Robert F: Suppiah I: Thavan F EPI_ISL_5398926 Infectious Disease Research Centre National Institutes of Health, Ministry of Health Malaysia EPI_ISL_5446232, EPI_ISL_5446233, EPI_ISL_5446238, EPI_ISL_5446239, EPI_ISL_5446240, EPI_ISL_5446242, EPI_ISL_5459017 see ahove Sirirai Hospital National Institute of Health Archawin Rojanawiwat; Natchaya Khiadsang; Nuttida Thongpramul; Pakorn Piromtong; Pilailuk Okada; Ratana Tacharoenmuang; Siripaporn Phuygun; Sittiporn Parnmen; Sunthareeya Waicharoen; Thanutsapa Thanadachakul; Warawan Wongboot; sirikanda wimol Denartment of Medical Sciences Ministry of Public Health, Thailand EPI ISL 5412002 Somedi Imelda Ziekenhuis Dagmar Obbels: Hanne Valgaeren: Johan Frans EPI ISL 5411099 Somedi Laboratories Imelda Ziekenhuis Dagmar Obbels: Hanne Valgaeren: Johan Frans EPI_ISL_5411100 EPI ISL 5411101 EPI ISL 5543553, EPI ISL 5543550, EPI ISL 5543650, EPI ISL 5543751, EPI ISL 5543758, EPI ISL 5543788, EPI ISL 5543788, EPI ISL 5543789, EPI ISL 5544549, EPI ISL 5543789, EPI ISL 5544599, EPI ISL 5543789, EPI IS EPI ISL 5544618, EPI ISL 5544627, EPI ISL 5544627, EPI ISL 5545970, EPI ISL 5549670, EPI ISL 5549670, EPI ISL 5549680, EPI ISL 5549680, EPI ISL 5549680, EPI ISL 5549680, EPI ISL 5550215, EPI ISL 5550215, EPI ISL 55501121, EPI ISL 5562390, EPI ISL 5562390, EPI ISL 5569580, EPI ISL 5569580, EPI ISL 5569876, EPI ISL 5569876, EPI ISL 5549680, EPI I see above South Super Highway Molecular Diagnostic Laboratory Philippine Genome Center Alethea R. de Guzman; Alyssa Joyce E. Telles; 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 Cutiongro-de la Paz: Francis A. Tablizo: Henrietta Marie Rodriguez: laime C. Montova: Jan Michael C. Yan: Jarvin F. Ninales: John Michael Franz: John Michael Franz: John O. Wong: Joshua Gregor A. Dizon: Joshua Jose Endozo: Juan Antonio R. Magalang: Karol Sophia Agade 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 O. Mantaring: Rianna Patricia S. Cruz: Shiela Mae M. Araiza: Yvonne Valerie Austria: Zipporah Mariebelle R. Enriquez: Zvrel V. 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Examil Plantig; Marc Edsel C. Ayes; Maria Rosario Singh-Vergeire; Maria Sofia L. Yangzon; Marielle M. Gamboa; Marissa Alejandria; Niña Francesca Bustamante; Razel Research Laboratory (SIMC - MDRL)

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EPI ISL 5558775. St. Elizabeth Hospital Philippine Genome Center Alethea R. de Guzman; Alvssa lovce E. Telles; 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 Salyana; El King D. Morado; Elcid Aaron R. Pangilinan; Eya 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 Michael Egana; John Q. Wong; Joshua Gregor A. Dizon; Joshua Jose Endozo; Juan Antonio R. Magalang; Karol Sophia Agape EPI_ISL_5570928 FPI ISI 5570940 R. Padilla: Kris P. Punayan: Kristina Patriz Dela Cruz: Lindsay Clare D.L. Carandang: Ma. Exanil Plantig: Marc Edsel C. Aves: Maria Rosario Singh-Vergeire: Maria Soffa L. Yangzon: Marielle M. Gamboa: Marissa Alejandria: Niña Francesca Bustamante: Razel Nikka M. Hao: . Renato lacinto O. Mantarino: Rianna Patricia S. Cruz: Shiela Mae M. Araiza: Yvonne Valerie Austria: Zipporah Mariebelle R. Enriquez: Zyrel V. Mollejor EPI ISL 5537473, EPI ISL 5537807, EPI ISL 5537915, EPI ISL 5538231, EPI ISL 5542723, EPI ISL 5542838, EPI ISL 5543008, EPI ISL 5543029, EPI ISL 5543108, EPI ISL 5543508 coo above St. Luke's Medical Center - RGC (HR) Philippine Genome Center Alethea R. de Guzman: Anna Ong-Lim: Arianne A. Zamora: Renedict 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 Rodriquez; 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: Zvrel V. Molleion FPI ISI 5543487 FPI ISI 5554021 FPI ISI 5556991 FPI ISI 5557033 FPI ISI 5557122 FPI ISI 5557826 FPI ISI 5559203 FPI ISI 5560420 FPI ISI 5560851 FPI ISI 5570268 Alethea R., de Guzman; Alyssa Joyce E. Telles; 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 see above Cutiongco-de la Paz; Francis A. Tablizo; Henrietta Marie Rodriguez; Jairme C. Montoya; Jan Michael C. Yap; Jarvin E. Nipales; Jo-Hannah S. Llames; John 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. 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Mollejon FPI ISI 5570931 EPI ISL 5395813 State Health Department Federal Territory of Labuan Institute for Medical Research Ahmad FA: Ahmad Fazilah NA: Anasir MI: Azizan MA: Kamel K: Mohd Zawawi Z: Norhisham SN: Ramly N: Robert F: Suppiah I: Thayan R EPI ISL 5395815 Infectious Disease Research Centre National Institutes of Health, Ministry of EPI ISL 5395818 Health Malaysia EPI_ISL_5399439, Sultanah Bahiyah Hospital, Alor Setar Institute for Medical Research 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_5418064 Infectious Disease Research Centre National Institutes of Health, Ministry of Health Malaysia EPI ISL 5395681 Sungai Buloh Hospital Institute for Medical Research Ahmad FA: Ahmad Fazilah NA: Anasir MI: Azizan MA: Kamel K: Mohd Zawawi Z: Norhisham SN: Ramly N: Robert F: Supplah I: Thayan R EPI_ISL_5395683, Infectious Disease Research Centre. EPI_ISL_5395685 National Institutes of Health, Ministry of FPI ISI 5395689 Health Malaysia EPI ISL 5395714 EPI_SL_5543729, EPI_SL_5543729, EPI_SL_5544058, EPI_SL_55544214, EPI_SL_5544278, EPI_SL_5554478, EPI_SL_55544504, EPI_SL_55544504, EPI_SL_5554566, EPI_SL_554566, EPI_SL_554664, EPI_SL_555666, EPI_SL_554664, EPI_SL_55 EPI ISL 55540403, EPI ISL 55540248, EPI ISL 55540248, EPI ISL 55554248, EPI ISL 55554248, EPI ISL 55557000, EPI ISL 5557000, EPI ISL 5556000, EPI ISL 5556000, EPI ISL 5557000, EPI ISL 5556000, EPI ISL 5557000, EPI ISL 5556000, EPI ISL 5557000, EPI ISL 5557000, EPI ISL 5556000, EPI ISL 5557000, EPI ISL 5557000, EPI ISL 5557000, EPI ISL 5557000, EPI ISL 5556000, EPI ISL 5556000, EPI ISL 5556000, EPI ISL 5556000, EPI ISL 5557000, EPI ISL 5556000, EPI ISL 5557000, EPI ISL 5556000, EPI ISL 5557000, EPI ISL 55570 EPI ISL 5557086, EPI ISL 5557093, EPI ISL 5557096, EPI ISL 5557096, EPI ISL 5557104, EPI ISL 5557105, EPI ISL 5557105, EPI ISL 5557255, EPI ISL 555741, EPI ISL 5557676, EPI ISL 5557881, EPI ISL 5559529, EPI ISL 5561069, EPI ISL 5561040 Supercare Medical Services, Inc. Alethea R. de Guzman; Alyssa Joyce E. Telles; 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 Philippine Genome Center Cutiongco-de la Paz; Francis A. Tablizo; Henrietta Marie Rodriquez; Jaime C. Montoya; Jan Michael C. Yap; Jarvin E. Nipales; Jo-Hannah S. Llames; John 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 Clare D.L. Carandang; Ma. Exanil Plantig; Marc Edsel C. Ayes; Maria Rosario Singh-Vergeire; Maria Sofia L. Yangzon; Marielle M. Gamboa; Marissa Álejandria; Niña Francesca Bustamante; Raze Nikka M. Hao: Renato Jacinto O. Mantaring: Rianna Patricia S. Cruz: Shiela Mae M. Araiza: Yvonne Valerie Austria: Zipporah Mariebelle R. Enriquez: Zyrel V. 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Montova: Jaime C. M Laboratory R. Padilla; 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 FPI ISI 5395821. Tawau Area Health Office Institute for Medical Research Ahmad FA: Ahmad Fazilah NA: Anasir MI: Azizan MA: Kamel K: Mohd Zawawi Z: Norhisham SN: Ramly N: Robert F: Suppiah I: Thayan R Infectious Disease Research Centre National Institutes of Health, Ministry of EPI ISL 5395830 Health Malaysia EPI ISL 5401551 Tengku Ampuan Rahimah Hospital Institute for Medical Research Ahmad FA: Ahmad Fazilah NA: Anasir MI: Azizan MA: Kamel K: Mohd Zawawi Z: Norhisham SN: Ramly N: Robert F: Suppiah I: Thayan R EPI ISL 5401783 Infectious Disease Research Centre EPI ISL 5402232 National Institutes of Health, Ministry of Teresita Jalandoni Provincial Hospita Philippine Genome Center Alethea R. de Guzman; Alyssa Joyce E. Telles; 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. 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Alethea R. de Guzman: Alvssa Joyce F. Telles: 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 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 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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Mollejon EPI ISL 5395694, EPI ISL 5395695, EPI ISL 5395695, EPI ISL 5395696, EPI ISL 5395697, EPI ISL 5395697, EPI ISL 5395707, EPI IS EP ISL 541609, EP ISL 5416070, EP ISL 5416071, EP ISL 5416072, EP ISL 5416072, EP ISL 5416073, EP ISL 5416074, EP ISL 5416076, EP ISL 5416075, EP ISL 5416077, EP ISL 5416078, EP ISL 5416079, EP ISL 5416080, Catherine Uvehara; Jonathan D'Ambrozio; Kendra Carter; Rachael Downham Tripler Army Medical Center, Microbiology Department Department of Clinical Investigation coo ahove EPI ISL 5396290 Tuaran Hospita Ahmad FA: Ahmad Fazilah NA: Anasir MI: Azizan MA: Kamel K: Mohd Zawawi Z: Norhisham SN: Ramly N: Robert F: Suppiah I: Thayan R Infectious Disease Research Centre National Institutes of Health, Ministry of Health Malaysia EPI ISL 5551475 Tulane University School of Medicine Tulane University School of Medicine Di Tian IJKM Medical Molecular Biology Institute EPI ISL 5417602 LINIT KESIHATAN AWAM Mira Farzana hinti Mohamad Mokhtar EPI ISL 5417598, EPI ISL 5417599, EPI ISL 5417600, EPI ISL 5417601, EPI ISL 5417607, EPI ISL 5417607, EPI ISL 5429428, EPI ISL 5429418, EPI ISL 5429419, EPI ISL 5429422, EPI ISL 5429423, EPI ISL 5429427, EPI ISL 5429428, EPI IS UNIT KESIHATAN AWAM HEBHK UKM Medical Molecular Biology Institute Mira Farzana binti Mohamad Mokhtar see above (UMBI) EPI_ISL_5417126 UNIT KESIHATAN DAN KESELAMATAN PEKERJA HOSPITAL Department of Medical Microbiology, I-Ching SAM; Jolene Yin Ling FU; Omar Khalilur Rahman; Yoke Fun Char University Malaya Medical Centre LINIT KESIHATAN PERSEKITARAN & KESIHATAN EPI_ISL_5429413 UKM Medical Molecular Biology Institute Mira Farzana hinti Mohamad Mokhtar PEKERJAAN, HOSP SULTANAH AMINAH JOHOR BAHRU, IOHOR UNIT PERUBATAN FORENSIK FPI ISI 5450126 IPROMISE, UITM Ariza Adnan: Fadzilah Mohd Nor: Lim Wai Feng: Mohd Asif Mohd Sukri: Mohd Nur Fakhruzzaman Noorizhah: Mohd Zaki Salleh: Sazzli Shahlan Kassim: Siti Farah Alwani Mohd Nawi: Siti Hamimah Sheikh Ahdul Kadir: Teh Lay Kek: Wang Seok Mui EPI ISL 5450100 UNIT PERUBATAN FORENSIK SUNGAI BAKAF 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 5450634 UNIT PERUBATAN FORENSIK, HOSPITAL SEBERANG JAYA 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 Mu EPI_SL_5540696, EPI_SL_5540732, EPI_SL_5540732, EPI_SL_5540732, EPI_SL_5540770, EPI_SL_5543266, EPI_SL_5543266 EPI_ISL_5546045, EPI_ISL_5546663, EPI_ISL_5552085, EPI_ISL_5554495 UPLB Covid-19 Molecular Diagnostic Laboratory Alethea R., de Guzman; Alyssa Joyce E. 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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; University of Perpetual Help Dalta Medical Center Inc Philippine Genome Center EPI_ISL_5541590 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 EPI ISL 5541591 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: Zvrel V. Molleion EPI_ISL_5543815, EPI_ISL_5543848, EPI_ISL_5544053, EPI_ISL_5544071, EPI_ISL_5544079, EPI_ISL_5544098, EPI_ISL_5544363, EPI_ISL_5544390, EPI_ISL_5569173 University of the East Ramon Magsaysay Memorial Philippine Genome Cente Alethea R. de Guzman; Alyssa Joyce E. Telles; 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 Medical Center (UFRM) Cutionggo-de la Paz: Francis A. Tablizo: Henrietta Marie Rodriguez: Jaime C. Montova: Jan Michael C. Yan: Jarvin F. Ninales: Jo-Hannah S. Hames: John Michael Fogna: John O. Wong: Joshua Gregor A. Dizon: Joshua Jose Endozo: Juan Antonio R. Magalang: Karol Sophia Agant 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 EPI ISL 5544039, EPI ISL 5544018, EPI ISL 5544213, EPI ISL 5544213, EPI ISL 5544232, EPI ISL 5544232, EPI ISL 5544396, EPI ISL 5544396, EPI ISL 5544524, EPI ISL 5544629, EPI ISL 5546624, EPI ISL 5546624, EPI ISL 55476124, EPI ISL 5547819, EPI ISL 5548363, EPI ISL 5548377, EPI ISL 5548377, EPI ISL 5548779, EPI ISL 5548779, EPI ISL 5548799, EPI ISL 5544529, EPI ISL 5544642, EPI ISL 5547819, EPI ISL 5547819, EPI ISL 5547819, EPI ISL 5548799, EPI ISL 5548799, EPI ISL 5548799, EPI ISL 5548799, EPI ISL 5547819, EPI ISL 5547819, EPI ISL 5548799, EPI I EPI ISL 5549487, EPI ISL 5549725, EPI ISL 5549915, EPI ISL 5551174, EPI ISL 5560434, EPI ISL 5561216, EPI ISL 5561401, EPI ISL 5564174, EPI ISL 5570167 University of the Philippines National Institutes Of Health Alethea R. de Guzman; Alyssa Joyce E. Telles; 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 (UP NIH) 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 Michael Egana; John O. 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 Clare D. L. Carandang; Mac Edsel C. Ayers, Maria Rosano Singh-Vergeire; Maria Sofia L. Yangzon; Marielle M. Gamboa; Marissa Alexani Planting; Marc Edsel C. Ayers, Maria Rosano Singh-Vergeire; Maria Sofia L. Yangzon; Kristina Patriz Dela Cruz; Lindsay Clare D.L. Carandang; Ma. Examil Planting; Marc Edsel C. Ayers, Maria Rosano Singh-Vergeire; Maria Sofia L. Yangzon; Marielle M. Gamboa; Marissa Alexani Planting; Marc Edsel C. Ayers, Maria Rosano Singh-Vergeire; Maria Sofia L. Yangzon; Maria Sofia L. Nikka M. Hao: Renato Jacinto O. Mantaring: Rianna Patricia S. Cruz: Shiela Mae M. Araiza: Yvonne Valerie Austria: Zipporah Mariebelle R. Enriquez: Zyrel V. Molleion EPI ISL_5497949, EPI_ISL_5497996, EPI_ISL_5498001, EPI_ISL_5498009, EPI_ISL_5498023, EPI_ISL_5498024, EPI_ISL_5498030, EPI_ISL_5498037, EPI_ISL_5498150, EPI_ISL_5498153, EPI_ISL 5498153, EPI_ISL_5498039, EPI_ISL_5488039, EPI_ISL_5488039, EPI_IS Università degli Studi di Perugia Istituto Zooprofilattico Sperimentale Ancora M; Biagetti M; Calistri P; Camilloni B; Cammà C; Curini V; Delli Compagni E; Di Domenico M; Di Pasquale A; Giammarioli M; Lorusso A; Mangone I; Marcacci M; Mencacci A; Puglia I; Rinaldi A; Savini G; Scialabba S see above dell'Abruzzo e Molise "G. Caporale" EPI_ISL_5418016, EPI_ISL_5418017, EPI_ISL_5418018, EPI_ISL_5418019, EPI_ISL_5418020, EPI_ISL_5418021, EPI_ISL_5418022, EPI_ISL_5418024, EPI_ISL_5418027, EPI_ISL_5418028, EPI_ISL_5418030 Istituto Zooprofilattico Sperimentale Erika Scaltriti: Ilaria Menozzi: Licia Veronesi: Maria Eugenia Colucci: Marina Morganti: Paola Affanni: Stefano Pongolini see above Università di Parma, Laboratorio di Igiene e Sanità Pubblica della Lombardia e dell'Emilia Romagna (IZSLER), Risk Analysis and Genomic Epidemiology Unit EPI ISL 5421948 Usansolo-Galdakao University Hospital Cruces University Hospita Ana Belén de la Hoz; Ana Gual-de-Torrella; Izaskun Alejo-Cancho; Mikel Gallego EPI ISL 5556810, EPI ISL 5556952, EPI ISL 5557022, EPI ISL 5557072, EPI ISL 5557072, EPI ISL 5557103, EPI ISL 5557126, EPI ISL 5557133, EPI ISL 5557143, EPI ISL 5557227, EPI ISL 5557233, EPI ISL 5557356, EPI ISL 5557614, EPI ISL 5557683, EPI ISL 5557683 Uswag Iloilo City Molecular Laboratory Alethea R. de Guzman; Alyssa Joyce E. 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Pangilinan: Eva Maria see ahove Valenzuela Hone Molecular Laboratory Philippine Genome Center 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 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 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 O. Mantaring: Rianna Patricia S. Cruz: Shiela Mae M. Araiza: Yvonne Valerie Austria: Zipporah Mariebelle R. Enriquez: Zvrel V. Molleion EPI ISL 5417810 Vaše laboratoře, s.r.o. Institute of Molecular and Translational Barbora Blumová: Hana laworek: Kateřina Kubáňová: Marián Haidúch: Rastislav Slavkovský: Vladimíra Koudeláková EPI ISL 5417811 Medicine / Laboratory of Experimental Medicine Faculty of Medicine and Dentistry, Palacky University EP ISL_5539917, EPI ISL_5539914, EPI ISL_554959, EPI ISL_5542992, EPI ISL_5542992, EPI ISL_554348, EPI ISL_5554808, EPI ISL_5554808, EPI ISL_55550827, EPI ISL_5550827, EPI ISL_ EPI_ISL_5560870, EPI_ISL_5561365, EPI_ISL_5564114, EPI_ISL_5564416 Vicente Sotto Memorial Medical Center (VSMMC) Alethea R. de Guzman; Alyssa Joyce E. Telles; 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 see above Philippine Genome Center Cutiongco-de la Paz; Francis A. Tablizo; Henrietta Marie Rodriquez; Jaime C. Montoya; Jan Michael C. Yap; Jarvin E. Nipales; Jo-Hannah S. 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Virology Unit, Institut Pasteur du Virology Unit, Institut Pasteur du Cambodo see above Cambodge

Cecile Troupin; Chau Darapheak; Chin Savuth; Erik A Karlsson; Jurre Y Siegers; Kraing Sidonn; Leakhena Pum; Ly Sovann; Sophoannadedh Rath; Veasna Duong; Yi Sengdoeurr

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Alethea R. de Guzman: Alvssa Joyce F. Telles: Anna Ong. Lim: Arianne A. Zamora: Repedict 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 Cutionoco-de la Paz: Francis A, Tablizo: Henrietta Marie Rodriguez: Jaime C. Montova: Ian Michael C. Yap: Jarvin E, Nipales: Io-Hannah S. Llames: John Michael Egana: John O. Wong: Joshua Gregor A, Dizon: Joshua Jose Endozo: Juan Antonio R. Magalang: Karol Sophia Agage R. Padilla; Kenneth M. Kim; Kris P. Punayan; Kristina Patriz Dela Cruz; Lindsay Clare D.L. Carandang; Ma. Examil Plantig; Marc Edsel C. Ayes; Maria Rosario Singh-Vergeire; Maria Sofia L. Yangzon; Mariesa Alejandria; Niña Francesca Bustamante; Razel Nikka M, Hao: Renato Jacinto O, Mantaring: Rianna Patricia S, Cruz: Shiela Mae M, Araiza: Yvonne Valerie Austria: Zipporah Mariebelle R, Enriquez: Zyrel V, Molleion

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Mira Farzana binti Mohamad Mokhtar Mira Farzana hinti Mohamad Mokhtar

FPI ISI 5537410 West Metro Medical Cente

Philippine Genome Cente

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see above West Metro Medical Center Genexpert Laboratory

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Western Visavas Medical Center (WVMC) see above

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EPI ISL 5543826, EPI ISL 5544070, EPI ISL 5544070, EPI ISL 5544107, EPI ISL 5544107, EPI ISL 5544310, EPI ISL 5544395, EPI ISL 5544395, EPI ISL 554466, EPI ISL 554466, EPI ISL 554466, EPI ISL 554466, EPI ISL 554470, EPI ISL 5547060, EPI ISL 5547060, EPI ISL 5547023, EPI ISL 5549685, EPI ISL 5540685, EPI ISL 554

see above Western Visayas State University - Molecular Diagnostic Philippine Genome Center Laborator

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EPI_ISL_5542857 ZAMBOANGA CITY MEDICAL CENTER GENEXPERT Philippine Genome Center EPI_ISL_5543256, LABORATORY

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; 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 lacinto O. Mantanina: Rianna Patricia S. Cruz: Shiela Mae M. Araiza: Yvonne Valerie Austria: Zipporah Mariebelle R. Enriquez: Zyrel V. Molleion

EPI ISL 5537873, EPI ISL 5538224, EPI ISL 5538420, EPI ISL 5538420, EPI ISL 5539048, EPI ISL 5547729, EPI ISL 5548493, EPI ISL 5552642, EPI ISL 5555957, EPI ISL 5556975, EPI ISL 5558112, EPI ISL 5560633, EPI ISL 5560634

Philippine Genome Center Zamboanga City Medical Center GeneXpert Laboratory see ahove

Alethea R. de Guzman: Alvesa Inve F. Telles: Anna Onn-I im: 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 Allouise A. G. Guzzina, Allouise Barriera, E. Salman, Allouise, Barriera, E. Salman, Allouise, Barriera, B 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

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EPI ISL 5450384

FPI ISI 5543303

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FPI ISI 5539136

EPI ISL 5539228

Zamboanga City Medical Center-Department of Agriculture Satellite Laboratory for COVID-19 Testing

Zamboanga Del Sur Medical Center PCR Laboratory

Philippine Genome Center

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EPI ISL 5545129, EPI ISL 5546874, EPI ISL 5546874, EPI ISL 5546919, EPI ISL 5546919, EPI ISL 5547303, EPI IS

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Mira Farzana binti Mohamad Mokhta Ariza Adnan: Fadzilah Mohd Nor: Lim Wai Feng: Mohd Asif Mohd Sukri: Mohd Nur Fakhruzzaman Noorizhah: Mohd Zaki Salleh: Sazzli Shahlan Kassim: Siti Farah Alwani Mohd Nawi: Siti Hamimah Sheikh Abdul Kadir: Teh Lav Kek: Wang Seok Mu

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