

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

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

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EPI_ISL_3064720, EPI_ISL_3064722, EPI_ISL_3064726, EPI_ISL_3064729, EPI_ISL_3064731, EPI_ISL_3064735, EPI_ISL_3064737, EPI_ISL_3064739, EPI_ISL_3064740, EPI_ISL_3355094, EPI_ISL_3355252			
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EPI_ISL_2986990, EPI_ISL_2986991, EPI_ISL_2987106, EPI_ISL_2987108, EPI_ISL_2987109, EPI_ISL_2987110, EPI_ISL_3355352			
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EPI_ISL_3064714, EPI_ISL_3064715, EPI_ISL_3064716, EPI_ISL_3064717, EPI_ISL_3064718, EPI_ISL_3064754, EPI_ISL_3064755, EPI_ISL_3064756, EPI_ISL_3064757, EPI_ISL_3064761, EPI_ISL_3064762, EPI_ISL_3064763, EPI_ISL_3064765, EPI_ISL_3064767, EPI_ISL_3064768, EPI_ISL_3064769			
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EPI_ISL_3394979, EPI_ISL_3394980, EPI_ISL_3394982, EPI_ISL_3394985, EPI_ISL_3394987, EPI_ISL_3394988, EPI_ISL_3394992, EPI_ISL_3394994, EPI_ISL_3395002, EPI_ISL_3395005	see above	Balai Penelitian dan Pengembangan Aceh	Arie Ardiansyah Nugraha; Fahmi Ichwansyah; Hana Aparsi Pawestri; Hartanti Dian Ikawati; Kartika Dewi Puspa; Krisna Pangesti; Nelly Puspandari; Subangkit; Triyani Soekarso; Vivi Setiawaty	
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EPI_ISL_3827435, EPI_ISL_3827436, EPI_ISL_3827437, EPI_ISL_3827438, EPI_ISL_3827439, EPI_ISL_3827456	Bangkok Health Centre	Division of Genomic Medicine and Innovation support,Department of Medical Sciences, Ministry of Public Health, Thailand	Archawin Rojanawiwat; Jirapha Pakdee; Natthakul Bunneang; Nuanjun Wichukhinda; Penpitcha Thawong; Plailuk Akkapaiboon Okada; Pundharika Piboonsiri; Surakameth Mahasirimongkol; Waritta Sawaengdee	
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EPI_ISL_2658513, EPI_ISL_3120208, EPI_ISL_3120209, EPI_ISL_3120313	Basurto University Hospital: Clinical Microbiology Laboratory	Biocruces Bizkaia	Ana de la Hoz; Estibaliz Ugarte Zaraga; José Luis Díaz de Tuesta del Arco; Mikel Gallego Rodrigo; Mikel Urutikoea-Gutiérrez; Mª Carmen Nieto Toboso	
EPI_ISL_2957143	Bayerisches Landesamt für Gesundheit und Lebensmittelsicherheit (LGL)	Robert Koch Institute		
EPI_ISL_2996766, EPI_ISL_3000337	Berkshire and Surrey Pathology Services Lighthouse Laboratory	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium	Berkshire and Surrey Pathology Services Lighthouse Laboratory and Alex Alderton; Cordelia Langford; David K. Jackson; Dominic Kwiatkowski; Ewan Halsane; Ian Johnston; Jeffrey Barrett; John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team; Roberto Amato; Sonia Goncalves	
EPI_ISL_4053510, EPI_ISL_4053512, EPI_ISL_4053534, EPI_ISL_4053536, EPI_ISL_4053538, EPI_ISL_4053540	Biolab Diagnostic Laboratories	Biolab Diagnostic Laboratories	Ahmad Tibi; Amid Abdelnour; Badia Sadeddin; Eiad Atwa; Issa Abu-Dayyeh; Lama Hussein; Shaima Ali	
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see above	British Columbia Centre For Disease Control	BCCDC Public Health Laboratory	Ana Pacagnella; Corrinne Ng; Dan Fornika; John Tyson; Kim Macdonald; Kimia Kamelian; Linda Hoang; Loretta Janz; Mel Krajden; Prystajecy Natalie; Robert Azana; Shannon Russell
EPI_ISL_2991528, EPI_ISL_2991532, EPI_ISL_2991542, EPI_ISL_2991545, EPI_ISL_2991548, EPI_ISL_2991553, EPI_ISL_2991572, EPI_ISL_2991578, EPI_ISL_2991581, EPI_ISL_2991589, EPI_ISL_2991603, EPI_ISL_2991604, EPI_ISL_2991666, EPI_ISL_2991674, EPI_ISL_2991677, EPI_ISL_2991691, EPI_ISL_2991693, EPI_ISL_2991695, EPI_ISL_2991702, EPI_ISL_2991716, EPI_ISL_2991726, EPI_ISL_2991731, EPI_ISL_2991740, EPI_ISL_2991748, EPI_ISL_2991754, EPI_ISL_2991783, EPI_ISL_2991784, EPI_ISL_2991807, EPI_ISL_2991811, EPI_ISL_2991837, EPI_ISL_2991847, EPI_ISL_2991855, EPI_ISL_2991877, EPI_ISL_2991884, EPI_ISL_2991887, EPI_ISL_2991899, EPI_ISL_2991900, EPI_ISL_2991902, EPI_ISL_2991903, EPI_ISL_2991904, EPI_ISL_2991909, EPI_ISL_2991916, EPI_ISL_2991922, EPI_ISL_2991932, EPI_ISL_2991937, EPI_ISL_2991938, EPI_ISL_2991950, EPI_ISL_2991963, EPI_ISL_2991966			
see above	Broad Institute Clinical Research Sequencing Platform	Infectious Disease Program, Broad Institute of Harvard and MIT	A.E.; Adams, G.; Anahtar, M.; B.L.; B.W.; Bauer, M.; Birren; Branda, J.; Carter, A.; Cerrato, F.; Chaluvasi, S.; Chapman; Cusick, C.; D.J.; DeRuff, K.; Flowers, K.; Gallagher, G.; Gladden-Young, A.; Gnirke, A.; Harris, J.; J.E.; K.J.; LaRoque, R.; Lagerborg, K.; Lemieux; Lin; Loreth, C.; Macinnis; Neumann, A.; Normandin, E.; P.C.; Park; Pierce, V.; Reilly, S.; Rosenberg, E.; Rudy, M.; Ryan, E.; S.B.; Sabeti; Shaw, B.; Siddie; Slater, D.; Smole, S.; Tomkins-Tinch, C.; Turbett, S.
EPI_ISL_3007316	Broad Institute Clinical Research Sequencing Platform	Infectious Disease Program, Broad Institute of Harvard and MIT	Adams, G.; B.L.; B.W.; Bauer, M.; Birren; Blumenstiel, B.; Brown, C.; Carter, A.; Chaluvasi, S.; D.J.; Defelice, M.; DeRuff, K.; Dodge, S.; Gabriel, S.; Gallagher, G.; Gladden-Young, A.; Granger, B.; J.E.; K.J.; Lagerborg, K.; Larkin, K.; Lee, M.; Lemieux; Lennon, N.; Loreth, C.; Madoff, L.; McGovern, S.; Meldrum, J.; Normandin, E.; P.C.; Park; Pearman, L.; Reilly, S.; Rudy, M.; Sabetti; Siddie; Smole, S.; Tomkins-Tinch, C.; Vicente, G.; and MacInnis
EPI_ISL_3062337	CAP El Remel	Banc de Sang i Teixits	Carlos Hobeich; Francisco Vidal; Irene Corrales; Lorena Ramirez; Maria Glòria Soría; Natàlia Comes; Nina Borràs; Noemí Gonzalez; Silvia Sauleda
EPI_ISL_3062332	CAP Manlleu	Banc de Sang i Teixits	Carlos Hobeich; Francisco Vidal; Irene Corrales; Lorena Ramirez; Maria Glòria Soría; Natàlia Comes; Nina Borràs; Noemí Gonzalez; Silvia Sauleda
EPI_ISL_3062342	CAP Vic Nord	Banc de Sang i Teixits	Carlos Hobeich; Francisco Vidal; Irene Corrales; Lorena Ramirez; Maria Glòria Soría; Natàlia Comes; Nina Borràs; Noemí Gonzalez; Silvia Sauleda
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see above	CDPH VBL	California Department of Public Health	CDPH-COVIDNet; Emily Smith on behalf of CDPH-COVIDNet and UCSD EXCITE lab; UCSD EXCITE lab
EPI_ISL_3383031	CENTRE HOSPITALIER DE VALENCE	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal; Bruno Lina; Gregory Destras; Gwendolynne Burfin; Hadrien Regue; Laurence Josset; Martine Valette; Quentin Semanas
EPI_ISL_2943172	CENTRO MEDICO NAVAL SEMAR LAB BIOLOGIA MOLECULAR	CENTRO MEDICO NAVAL SEMAR LAB PATOLOGIA MOLECULAR	MEIXUEIRO CALDERON CLAUDIA. MORALES RAMIREZ OMAR. BALTIERRA URIBE SHANTAL. ZUNO CORONADO TEUTLI. GARCIA ALEGRIA IRMA. ALVAREZ JIMENEZ VIOLETA DEJANIRA. LOPEZ BUSTOS ABRAHAM. CABRERA GONZALEZ MOISES. ROMERO ROMAN EDGAR. LIEVANO ESQUINA JAZMIN. FIGUEROA ANTONIO VICTOR. DIAZ PONCE MEDRANO JUAN ALBERTO.
EPI_ISL_2943148	CENTRO MEDICO NAVAL SEMAR LAB BIOLOGIA MOLECULAR	CENTRO MEDICO NAVAL SEMAR LABORATORIO DE PATOLOGIA MOLECULAR	MEIXUEIRO CALDERON CLAUDIA. MORALES RAMIREZ OMAR. BALTIERRA URIBE SHANTAL. ZUNO CORONADO TEUTLI. GARCIA ALEGRIA IRMA. ALVAREZ JIMENEZ VIOLETA DEJANIRA. LOPEZ BUSTOS ABRAHAM. CABRERA GONZALEZ MOISES. ROMERO ROMAN EDGAR. LIEVANO ESQUINA JAZMIN. FIGUEROA ANTONIO VICTOR. DIAZ PONCE MEDRANO JUAN ALBERTO.
EPI_ISL_3030060	CH Simone Veil	Institut Pasteur	Angela Brisebarre; Camille Capel; Christophe Malabat; Corinne Maufrais; Emmanuelle Permal; Etienne Simon-Lorière; Frédéric Lemoine; Guiheneuf Raphaël; Louise Lefrançois; Marion Barbet; Maud Vanpeene; Méline Bizard; Sylvie Behillili; Sylvie Van der Werf; Vincent Enouf
EPI_ISL_3045110, EPI_ISL_3045112	CHU Pontchaillou	CHU Pontchaillou	DE TAYRAC Marie; DENOUAL Florent; ETCHEVERRY Amandine; FEBREAU Christine; GALIBERT Marie Dominique; GROHLIER Claire; JAGLINE Steven; PROMIER Charlotte; SASSI Mohamed; THIBAUT Vincent
EPI_ISL_3060906, EPI_ISL_3060910, EPI_ISL_3689390, EPI_ISL_3689397, EPI_ISL_3689410, EPI_ISL_3689425, EPI_ISL_3689443, EPI_ISL_3689451, EPI_ISL_3689452, EPI_ISL_3689470, EPI_ISL_3689483, EPI_ISL_3689501, EPI_ISL_3689542, EPI_ISL_3689574, EPI_ISL_3689575, EPI_ISL_3689576, EPI_ISL_3689632, EPI_ISL_3689638, EPI_ISL_3689652, EPI_ISL_3689799, EPI_ISL_3689800, EPI_ISL_3689803, EPI_ISL_3689914, EPI_ISL_3689919, EPI_ISL_3689976, EPI_ISL_3689977, EPI_ISL_3689980, EPI_ISL_3689981			
see above	CSIR-National Environmental Engineering Research Institute	CSIR-Centre for Cellular and Molecular Biology - INSACOG	; Amareshwar Vodapalli; Aa Sreenivas; Archana Bharadwaj Siva; B Himasri; Divya Tej Sowpati; Jandhyala Sai Krishna; Karthik Bharadwaj Tallapaka; Krishna Khairam; Lamuk Zaveri; Onkar Kulkarni; Payel Mukherjee; Priya Nurkurthy; Rakesh K Mishra; Shreekant Verma; Sofia Banu; Sumedha Avadhanula; Tulasi Nagabandi; Valli Nagalakshmi Undamata; Vidhyadhari Methuku
EPI_ISL_3060555, EPI_ISL_3060676, EPI_ISL_3060677	CSIR-National Environmental Engineering Research Institute	CSIR-Centre for Cellular and Molecular Biology-INSACOG	Amareshwar Vodapalli; Aa Sreenivas; Archana Bharadwaj Siva; B Himasri; Divya Tej Sowpati; Karthik Bharadwaj Tallapaka; Krishna Khairam; Lamuk Zaveri; Onkar Kulkarni; Payel Mukherjee; Priya Nurkurthy; Rakesh K Mishra; Shreekant Verma; Sofia Banu; Sumedha Avadhanula; Tulasi Nagabandi; Valli Nagalakshmi Undamata; Vidhyadhari Methuku
EPI_ISL_3023765, EPI_ISL_3023766, EPI_ISL_3023783	CT Department of Public Health	CT Department of Public Health	Claire_Pearson; Tu_N_Nguyen
EPI_ISL_3536674, EPI_ISL_3536688, EPI_ISL_3536693, EPI_ISL_3536713, EPI_ISL_3536718, EPI_ISL_3536719, EPI_ISL_3536776, EPI_ISL_3536908, EPI_ISL_3536937, EPI_ISL_3536948, EPI_ISL_3536951, EPI_ISL_3536958, EPI_ISL_3536968, EPI_ISL_3536970, EPI_ISL_3536972, EPI_ISL_3536974, EPI_ISL_3536976, EPI_ISL_3536978, EPI_ISL_3536980, EPI_ISL_3536982, EPI_ISL_3536984, EPI_ISL_3536987, EPI_ISL_353698			

EPI_ISL_2987440, EPI_ISL_2987441	Chittagong General Hospital Disease Biology & Molecular Epidemiology Research Lab, University of Chittagong	Virology Laboratory, International Centre for Diarrhoeal Disease Research, Bangladesh (ICDDR,B)	Adnan Mannan; Fahim Reza; H.M. Hamidullah Mehedi; Md. Abdur Rob; Md. Minhazul Hoque; Mohammad Enayet Hossain; Mojnu Miah; Mustafizur Rahman; Nahid Sultana; Rajdeep Biswas; Rashedul Hasan; Sanjoy Biswas
EPI_ISL_3038908, EPI_ISL_3038909	Chulabhorn Hospital	National Institute of Health, Department of Medical Sciences, Ministry of Public Health, Thailand	; Natchaya Khiaidsang; Nuttida Thongpramul; Pakorn Piromtong; Pilailuk Okada; Ratana Tacharoenmuang; Siripaporn Phuygun; Sittiporn Parmmen; Sunthareeya Waicharoen; Thanutsapa Thanadachakul; Warawan Wongboot; sirikanda wimol
EPI_ISL_3122971, EPI_ISL_3122972, EPI_ISL_3122973, EPI_ISL_3122974, EPI_ISL_3122975, EPI_ISL_3122976, EPI_ISL_3122978, EPI_ISL_3122979, EPI_ISL_3122980, EPI_ISL_3122981, EPI_ISL_3122982, EPI_ISL_3122983, EPI_ISL_3122984	see above	City Clinical Hospital No 1	WHO National Influenza Centre Russian Federation Alexey Masharsky; Andrey Komissarov; Artem Fadeev; Daria Danilenko; Dmitry Lizovno; Elena Nabeiva; Georgii Bazykin; Kirill Varchenko; Ksenia Safina; Kseniya Komissarova; Maria Baturova; Maria Pisareva; Mikhail Bakaev; Nikita Yolsin; Oula Mansour; Tamila Musaeva; Veronika Eder
EPI_ISL_3021364, EPI_ISL_3911453	Clinical Emergency County Hospital, Craiova	Cantacuzino Institute Virology	Carmen Cherciu; Luiza Ustea; Mihaela Lazar; Mihaela Oprea; Nicoleta Paraschiv; Sorin Dinu
EPI_ISL_3000155	Clinical Microbiology Laboratory, Faculty of Medicine, Universitas Indonesia	Clinical Microbiology Laboratory, Faculty of Medicine, Universitas Indonesia	Fitrihlay; Ibrahim F; Karuniawati A; Natasha A; Saharman YR; Sudarmono P.; Yasmon A
EPI_ISL_3232267, EPI_ISL_3232304, EPI_ISL_3232340, EPI_ISL_3232419	Clinical Microbiology Laboratory, NewYork Presbyterian Hospital/Columbia University Irving Medical Center	Uhlemann Laboratory, Columbia University Irving Medical Center	Anne Kelley; Anne-Catrin Uhlemann; Maya Tagliavia; Medini K. Annavajhala
EPI_ISL_3025648, EPI_ISL_3025669, EPI_ISL_3025674, EPI_ISL_3025675, EPI_ISL_3025676, EPI_ISL_3025687, EPI_ISL_3025688, EPI_ISL_3025691, EPI_ISL_3155075, EPI_ISL_3155126	see above	Clinical Microbiology, Infection Prevention and Control	Björn Hallström; Jonas Björkman
EPI_ISL_3061570, EPI_ISL_3061580	Clinical Molecular Microbiology Laboratory, UNC Hospitals	Jeremy Wang	Corbin Jones; Jeremy Wang; Melissa Miller; Shawn Hawken
EPI_ISL_3466979, EPI_ISL_3466979, EPI_ISL_3550574	Clinical Pathology Laboratory, RSUP Dr. Hasan Sadikin	Eijkman Institute for Molecular Biology, National Research and Innovation Agency	Amin Soebandrio; Edison Johar; Frilasita A Yudhaputri; Hidayat Trimarsanto; Iskandar Adnan; Jessica R. Saragih; Khin Saw Myint; Lidwina Piliiani; Lydia V. Panggalo; Muhammad Rezki Rasyak; Safarina G Malik; Sukma Oktavianthi; Willy Agustine
EPI_ISL_3276964, EPI_ISL_3277035, EPI_ISL_3277036, EPI_ISL_3277037, EPI_ISL_3277039, EPI_ISL_3277041, EPI_ISL_3277042, EPI_ISL_3277043, EPI_ISL_3277045, EPI_ISL_3277047, EPI_ISL_3277048, EPI_ISL_3277049, EPI_ISL_3277050, EPI_ISL_3277051, EPI_ISL_3277053, EPI_ISL_3277054, EPI_ISL_3277055, EPI_ISL_3277056, EPI_ISL_3277057, EPI_ISL_3277058, EPI_ISL_3277059, EPI_ISL_3277060, EPI_ISL_3277061, EPI_ISL_3277062, EPI_ISL_3277063, EPI_ISL_3277064, EPI_ISL_3277065, EPI_ISL_3277066, EPI_ISL_3277067, EPI_ISL_3277070, EPI_ISL_3277072, EPI_ISL_3277073, EPI_ISL_3277075, EPI_ISL_3277077, EPI_ISL_3277078, EPI_ISL_3277081, EPI_ISL_3277082, EPI_ISL_3277083, EPI_ISL_3277084, EPI_ISL_3277085, EPI_ISL_3277087, EPI_ISL_3277088, EPI_ISL_3277089, EPI_ISL_3277090, EPI_ISL_3277091, EPI_ISL_3277094, EPI_ISL_3277095, EPI_ISL_3277097, EPI_ISL_3277098, EPI_ISL_3277099, EPI_ISL_3277100, EPI_ISL_3277101, EPI_ISL_3277102, EPI_ISL_3277104, EPI_ISL_3277105, EPI_ISL_3277106, EPI_ISL_3277107, EPI_ISL_3277108, EPI_ISL_3277109, EPI_ISL_3277110, EPI_ISL_3277111, EPI_ISL_3277112, EPI_ISL_3277113, EPI_ISL_3277114, EPI_ISL_3277115, EPI_ISL_3277116, EPI_ISL_3277117, EPI_ISL_3277118, EPI_ISL_3277120, EPI_ISL_3277121, EPI_ISL_3277122, EPI_ISL_3277123, EPI_ISL_3277124, EPI_ISL_3277125, EPI_ISL_3277127, EPI_ISL_3277128, EPI_ISL_3277129, EPI_ISL_3277132, EPI_ISL_3277133, EPI_ISL_3277134, EPI_ISL_3277135, EPI_ISL_3277136, EPI_ISL_3277137	see above	Clinical Virology Laboratory, Institute of Liver and Biliary Sciences Amit Pandey; Chhagan Bihari Sharma; Diptanu Paul; Ekta Gupta; Reshu Agarwal; Shiv Kumar Sarin; Varun Suroliya	
EPI_ISL_3076914, EPI_ISL_3115560	Clinica Rotger Laboratorio de Análisis Clínicos Dpto. Biología Molecular	Clinica Rotger Laboratorio de Análisis Clínicos Dpto. Biología Molecular	Carmen Morales-González; Catalina Vidal-Gómez; Chaymaâ Gammani-Chairi; Esperança Frau-Fuster; Esther Nieto-Molina; Francisco Alíaga-Lozano; Juana González-Calderón; Juana González-Calderón; Laura Gómez; Marina Barceló-Vives; Marina Kleber-Pol
EPI_ISL_3375259, EPI_ISL_3375261, EPI_ISL_3375262, EPI_ISL_3375265, EPI_ISL_3375269	Collection of WHO National Influenza Center, N.F. Gamaleya National Research Center for Epidemiology and Microbiology of the Ministry of Health of the Russian Federation	Center for Precision Genome Editing and Genetic Technologies for Biomedicine, Pirogov Medical University Moscow Russian Federation	Alexandra Rosatkevich; Andrey Krivoy; Anna Ignatieva; Dmitriy Korostin; Elena Burtseva; Evgeniya Mukasheva; Kirill Krasnoslobodtsev; Lyudmila Kolobukhina; Nataliya Breslav; Svetlana Trushakova; Vera Belova; Yegor Botsmanov; Yuliya Levochkina
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EPI_ISL_3188950, EPI_ISL_3188951	DSU KALABURAGI	INSACOG-KA, NIMHANS	Ananthapadmanabha Kotambal; Anita S Desai; Anson Kunjumon George; Chetan G K; Chitra Pattabiraman; Darshan Sreenivas; Ellango Ramasamy; Gautham Arunachal Udupi; Mahesh Kumar.C.S; Sony Sharma; V Ravi
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EPI_ISL_3045844, EPI_ISL_3045845	Department of Public Health Buzau	National Institute of Infectious Diseases-Prof. Dr. Matei Bals Molecular Diagnostics Laboratory	Corina Casangiu; Dan Otelea; Leontina Banica; Marius Surleac; Petre Milu; Robert Hohan; Simona Paraschiv
EPI_ISL_4018886, EPI_ISL_4018891, EPI_ISL_4018898, EPI_ISL_4018911, EPI_ISL_4018989, EPI_ISL_4019032	Department of Virology	Department of Virology	Aamer Ikram; Massab Umair; Muhammad Ammar; Muhammad Salman; Nazish Badar; Syed Adnan Halder; Zaira Rehman
EPI_ISL_3014486, EPI_ISL_3014505, EPI_ISL_3014508, EPI_ISL_3014885, EPI_ISL_3014887, EPI_ISL_3014891, EPI_ISL_3014892, EPI_ISL_3014894, EPI_ISL_3014895, EPI_ISL_3014896, EPI_ISL_3014961, EPI_ISL_3014962, EPI_ISL_3014963, EPI_ISL_3014964, EPI_ISL_3014966, EPI_ISL_3014967, EPI_ISL_3014970, EPI_ISL_3014971, EPI_ISL_3014972, EPI_ISL_3014973, EPI_ISL_3014974, EPI_ISL_3014975, EPI_ISL_3014977, EPI_ISL_3014978, EPI_ISL_3014979, EPI_ISL_3014980, EPI_ISL_3014981, EPI_ISL_3014982, EPI_ISL_3014983, EPI_ISL_3014984, EPI_ISL_3014985, EPI_ISL_3014986, EPI_ISL_3014987, EPI_ISL_3014988, EPI_ISL_3014990, EPI_ISL_3014992, EPI_ISL_3014993, EPI_ISL_3014994, EPI_ISL_3014995, EPI_ISL_3014996, EPI_ISL_3014997, EPI_ISL_3014998, EPI_ISL_3014999, EPI_ISL_3015000, EPI_ISL_3015001, EPI_ISL_3015004, EPI_ISL_3015005, EPI_ISL_3015006, EPI_ISL_3015007, EPI_ISL_3015008, EPI_ISL_3015009, EPI_ISL_3015012, EPI_ISL_3015015, EPI_ISL_3015016, EPI_ISL_3015017, EPI_ISL_3015018, EPI_ISL_3015021, EPI_ISL_3015022, EPI_ISL_3015024, EPI_ISL_3015024, EPI_ISL_3015025, EPI_ISL_3015026, EPI_ISL_3015027, EPI_ISL_3015030, EPI_ISL_3015031, EPI_ISL_3015032, EPI_ISL_3015035, EPI_ISL_3015036, EPI_ISL_3015039	Department of Virology, Faculty of Medicine, University of Helsinki, Helsinki, Finland	Essi Korhonen; Hanna Jarva; Hanna Liimatainen; Hannimari Kallio-Kokko; Harri Kangas; Hussein Alburkat; Jenni Virtanen; Maija Lappalainen; Maija Suvanto; Olli Valpalaiti; Pekka Ellonen; Phuoc Truong; Ravi Kant; Sari Hannula; Satu Kurkela; Teemu Smura	
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EPI_ISL_3239558, EPI_ISL_3239839	Dhulikhel Hospital, Kathmandu University Hospital	Molecular and Genomics Research Lab, Dhulikhel Hospital, Kathmandu University Hospital	Dipesh Tamrakar; Meghnath Dhimal; Navin Adhikari; Nishan Katuwal; Pradip Gyanwali; Rajeev Shrestha; Saroj Bhattarai; Surendra Kumar Madhup
EPI_ISL_3314979, EPI_ISL_3315002, EPI_ISL_3315005, EPI_ISL_3315013, EPI_ISL_3374687	Diagnostic and Research Center of Infectious Diseases, Medical Faculty, Andalas University	Genomik Solidaritas Indonesia Laboratorium / Diagnostic and Research Center of Infectious Diseases, Medical Faculty, Andalas University	Andani Eka Putra; Annisa Muthiah Sukirman; Anuraj Shankar; Ariel Pradipta; Carissa Sintca Wijaya; Dede Rahman Agustian; Dhahlia Agustina Cahyono; Gracia Felias Enos Korompis; Himawan Masyhuri; Linosefa; Louisa Markus; Meutia Ayuputeri Kumaheri; Reinhart Gabriel; Vania Gavrilu Wikasa
EPI_ISL_2957237, EPI_ISL_2957239, EPI_ISL_2957242, EPI_ISL_2957259, EPI_ISL_2957261, EPI_ISL_2957273, EPI_ISL_2957286, EPI_ISL_2957290, EPI_ISL_2957298, EPI_ISL_2957300, EPI_ISL_2957304, EPI_ISL_2957306, EPI_ISL_2957307, EPI_ISL_2957311, EPI_ISL_2957312	Diagnosticum - Labor Neukirchen	Robert Koch Institute	
see above	Diagnostystyka. Laboratoria Medyczne.	1. ViroGenetics - BSL3 Laboratory of Virology, Malopolska Centre of Biotechnology, Jagiellonian University; 2. Diagtron Laboratoria Lukasz Rabalski	Gromowski, T.; Kowalski, M.; Labaj; Maciej Kosinski; Mazur-Panasiuk, N.; Natalia Derewonko; P.P.; Pyrc, K.; Rabalski L.; Rogalska-Kupiec M.; Swadzba J.; Sylwia Januszczyk; Szulc, P.; Wydmanski, W.
EPI_ISL_3066789, EPI_ISL_3066802, EPI_ISL_3066815, EPI_ISL_3066816			
EPI_ISL_3159750, EPI_ISL_3159753, EPI_ISL_3159765, EPI_ISL_3159768, EPI_ISL_3159774, EPI_ISL_3159777, EPI_ISL_3159786, EPI_ISL_3159791, EPI_ISL_3159794, EPI_ISL_3159797	Dinas Kesehatan Provinsi Kalimantan Timur	Eijkman Institute for Molecular Biology, National Research and Innovation Agency; National Institute of Health Research and Development	Amin Soebandrio; Edison Johar; Frilasita A Yudhaputri; Hana Apasari Pawestri; Hidayat Trimarsanto; Iskandar Adnan; Khin Saw Myint; Lidwina Priliani; Lydia V. Panggalo; Muhammad Rezki Rasyak; Safarina G Malik; Subangkit; Sukma Oktavianthi; Vivi Setiawaty; Willy Agustine
EPI_ISL_3029943, EPI_ISL_3029946, EPI_ISL_3029950, EPI_ISL_3029953, EPI_ISL_3029954, EPI_ISL_3029955, EPI_ISL_3029956, EPI_ISL_3029961, EPI_ISL_3029962, EPI_ISL_3029963, EPI_ISL_3029964, EPI_ISL_3029965, EPI_ISL_3029966, EPI_ISL_3029967, EPI_ISL_3029973, EPI_ISL_3070860	Dinas Kesehatan Provinsi Nusa Tenggara Timur	Eijkman Institute for Molecular Biology, National Research and Innovation Agency	Amin Soebandrio; Edison Johar; Frilasita A Yudhaputri; Hidayat Trimarsanto; Iskandar Adnan; Khin Saw Myint; Lidwina Priliani; Lydia V. Panggalo; Muhammad Rezki Rasyak; Safarina G Malik; Sukma Oktavianthi; Willy Agustine
EPI_ISL_2965780, EPI_ISL_2965781, EPI_ISL_2965782, EPI_ISL_2965784, EPI_ISL_2965785, EPI_ISL_3151604, EPI_ISL_3216576, EPI_ISL_3216580, EPI_ISL_3216583	see above	Dinkes Provinsi Kalimantan Timur	National Institute of Health Research and Development
EPI_ISL_3691578, EPI_ISL_3691579	Dinkes Provinsi Kalimantan Timur (Labkesda Bontang)	National Institute of Health Research and Development	Arie Ardiansyah Nugraha; Fajar Nur Sulistiyohadi; Hana Apasari Pawestri; Hartanti Dian Ikawati; Kartika Dewi Puspa; Krisna Pangesti; Nelly Puspandari; Subangkit; Triyani Soekarso; Vivi Setiawaty
EPI_ISL_3691577	Dinkes Provinsi Kalimantan Timur (Labkesprov Kaltim)	National Institute of Health Research and Development	Arie Ardiansyah Nugraha; Hana Apasari Pawestri; Hartanti Dian Ikawati; Kartika Dewi Puspa; Krisna Pangesti; Nelly Puspandari; Subangkit; Triyani Soekarso; Vivi Setiawaty
EPI_ISL_2965777, EPI_ISL_3138898	Dinkes Provinsi Kalimantan Utara	National Institute of Health Research and Development	Arie Ardiansyah Nugraha; Fajar Nur Sulistiyohadi; Hana Apasari Pawestri; Hartanti Dian Ikawati; Kartika Dewi Puspa; Krisna Pangesti; Nelly Puspandari; Subangkit; Triyani Soekarso; Vivi Setiawaty
EPI_ISL_3007048, EPI_ISL_3007940, EPI_ISL_3015224, EPI_ISL_3015225, EPI_ISL_3015226, EPI_ISL_3015227, EPI_ISL_3015228, EPI_ISL_3015229, EPI_ISL_3015230, EPI_ISL_3015231, EPI_ISL_3015232, EPI_ISL_4091367, EPI_ISL_4091368, EPI_ISL_4091369, EPI_ISL_4091370, EPI_ISL_4091371, EPI_ISL_4091372	see above	District Head Quarters Hospital, Nayagarh	Institute of Life Sciences - INSACOG
EPI_ISL_3015268, EPI_ISL_3015269, EPI_ISL_4091357, EPI_ISL_4091358, EPI_ISL_4091359, EPI_ISL_4091362, EPI_ISL_4091364, EPI_ISL_4091365	see above	District Headquarter Hospital, Baripada	Institute of Life Sciences - INSACOG
EPI_ISL_3015939, EPI_ISL_3015941, EPI_ISL_3015942, EPI_ISL_3015944, EPI_ISL_3015948, EPI_ISL_3015949, EPI_ISL_3015950, EPI_ISL_3015953, EPI_ISL_3015957, EPI_ISL_3015959, EPI_ISL_3015967, EPI_ISL_3015968, EPI_ISL_3015969, EPI_ISL_3015972, EPI_ISL_3015973, EPI_ISL_3015974, EPI_ISL_3015975, EPI_ISL_3015977, EPI_ISL_3015979, EPI_ISL_3015981, EPI_ISL_3015982, EPI_ISL_3015983, EPI_ISL_3015985, EPI_ISL_3015986, EPI_ISL_3015987, EPI_ISL_3015988, EPI_ISL_3015989, EPI_ISL_3015990, EPI_ISL_3015991, EPI_ISL_3015992, EPI_ISL_3015993, EPI_ISL_3015994, EPI_ISL_3015995, EPI_ISL_3015996, EPI_ISL_3015997, EPI_ISL_3015998, EPI_ISL_3015999, EPI_ISL_3016000, EPI_ISL_3016001, EPI_ISL_3016002, EPI_ISL_3016003, EPI_ISL_3016004, EPI_ISL_3016005, EPI_ISL_3016006, EPI_ISL_3016007, EPI_ISL_3016008, EPI_ISL_3016010	see above	District Headquarter Hospital, Keonjhar	Institute of Life Sciences - INSACOG
EPI_ISL_3007926, EPI_ISL_3007927, EPI_ISL_3007928, EPI_ISL_3007929, EPI_ISL_3007930, EPI_ISL_4091437, EPI_ISL_4091438, EPI_ISL_4091439, EPI_ISL_4091440, EPI_ISL_4091441, EPI_ISL_4091442	see above	District Headquarter Hospital, Puri	Institute of Life Sciences - INSACOG
EPI_ISL_3006967, EPI_ISL_3006969, EPI_ISL_3006973, EPI_ISL_3006975, EPI_ISL_3006977, EPI_ISL_3006979, EPI_ISL_3006980, EPI_ISL_3006981, EPI_ISL_3006982, EPI_ISL_3006983, EPI_ISL_3006984, EPI_ISL_3007009, EPI_ISL_3007027, EPI_ISL_3007101, EPI_ISL_3007103, EPI_ISL_3007104, EPI_ISL_3007106, EPI_ISL_3007107, EPI_ISL_3007108, EPI_ISL_3007110, EPI_ISL_3007111, EPI_ISL_3007112, EPI_ISL_3007113, EPI_ISL_3007114, EPI_ISL_3007116, EPI_ISL_3007117, EPI_ISL_3007118, EPI_ISL_3007123, EPI_ISL_3007125, EPI_ISL_3007132, EPI_ISL_3007134, EPI_ISL_3007135, EPI_ISL_3007136, EPI_ISL_3007138, EPI_ISL_3007146, EPI_ISL_3008002, EPI_ISL_3008003, EPI_ISL_3008008, EPI_ISL_3008009, EPI_ISL_3008011, EPI_ISL_3008012, EPI_ISL_3008013, EPI_ISL_3008017, EPI_ISL_3008020, EPI_ISL_3008025, EPI_ISL_3008028, EPI_ISL_3008029, EPI_ISL_3008041, EPI_ISL_3008042, EPI_ISL_3008044, EPI_ISL_3008045, EPI_ISL_3008051, EPI_ISL_3008052, EPI_ISL_3008055, EPI_ISL_3008056, EPI_ISL_3008078	see above	District Public Health Laboratory, Angul	Institute of Life Sciences - INSACOG
EPI_ISL_3190412, EPI_ISL_3191685, EPI_ISL_3191686, EPI_ISL_3191687, EPI_ISL_3874014	Division of Microbiology, Osaka Institute of Public Health	Division of Microbiology, Osaka Institute of Public Health	Haruyo Mori; Jun Ogasawara; Kazushi Motomura; Kentaro Itokawa; Makoto Kuroda; Masanori Hashino; Rina Tanaka; Ryuji Kawahara; Saeko Morikawa; Satoshi Hiroi; Tsuyoshi Sekizuka
EPI_ISL_3275696, EPI_ISL_3275698, EPI_ISL_3275700, EPI_ISL_3275701, EPI_ISL_3275703, EPI_ISL_3275705, EPI_ISL_3275709, EPI_ISL_3275710, EPI_ISL_3275712, EPI_ISL_3275721, EPI_ISL_3275723, EPI_ISL_3275727, EPI_ISL_3275730, EPI_ISL_3275732, EPI_ISL_3275733, EPI_ISL_3275736, EPI_ISL_3275740, EPI_ISL_3275742, EPI_ISL_3275745, EPI_ISL_3275746, EPI_ISL_3275749, EPI_ISL_3275752, EPI_ISL_3275753,			

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EPI_ISL_306380A	Hospital Comarcal de Vinarós	SeqCOVID-SPAIN consortium (CISIC)	Mercedes Roig Cardells and SeqCOVID-SPAIN consortium	
EPI_ISL_3216399, EPI_ISL_3216400, EPI_ISL_3216405, EPI_ISL_3216410, EPI_ISL_3923568	Hospital General Universitario de Alicante - Instituto de Investigación Sanitaria y Biomedica de Alicante	SeqCOVID-SPAIN consortium/IBV(CSIC)	Carmen Molina Pardines and SeqCOVID-SPAIN consortium; Mariapaz Ventero Martín	
EPI_ISL_3009968	Hospital Universitari Vall d'Hebron - Vall d'Hebron Institut de Recerca	Hospital Universitari Vall d'Hebron - Vall d'Hebron Institut de Recerca	Alejandra González-Sánchez; Andrés Antón; Ariadna Rando; Carla Castillo; Cristina Andrés; Damir García-Cehic; Josep Quer; Juliana Esperalba; Karen García; María Carmen Martín; María Gema Codina; María Piñana; Rodrigo Vázquez; Tomàs Pumarola	
EPI_ISL_3076907	Hospital de Oriente de Asturias	Laboratorio de Virología HUCA	Abreu F; Alvarez-Arguelles ME; Boga JA; Castelló C; Costales I; Coto E; Gómez de Oña J; Martín-Rodríguez G; Melón S; Perez-Martínez Z; Rojo S; Sandoval M	
EPI_ISL_3076905, EPI_ISL_3076909, EPI_ISL_3076912, EPI_ISL_3076916, EPI_ISL_3076918, EPI_ISL_3076919, EPI_ISL_3076923, EPI_ISL_3076942	see above	Hospital de Oriente de Asturias	Abreu F; Alvarez-Arguelles ME; Boga JA; Castelló C; Costales I; Coto E; Gómez de Oña J; Martín-Rodríguez G; Melón S; Perez-Martínez Z; Rojo S; Sandoval M	
EPI_ISL_3411920	Hospital of the University of Pennsylvania Molecular Pathology Lab	Bushman	Andrew D. Marques; Aoife M. Roche; Arupa Ganguly; Ayannah S. Fitzgerald; Brendan Kelly; Jevon Graham-Wooten; John K. Everett; Kyle Rodino; Layla A. Khatib; Mike Feldman; Ronald G. Collman and Frederic Bushan; Samantha A. Whiteside; Scott Sherrill-Mix; Shantan Reddy; Young Hwang	
EPI_ISL_3022894, EPI_ISL_3023027, EPI_ISL_3023151, EPI_ISL_3023332, EPI_ISL_3023353, EPI_ISL_3023358	Hospital of the University of Pennsylvania Molecular Pathology Lab	Bushman Lab - University of Pennsylvania	Aoife M. Roche; Arupa Ganguly; Ayannah S. Fitzgerald; Brendan Kelly; Jevon Graham-Wooten; John K. Everett; Kyle Rodino; Layla A. Khatib; Mike Feldman; Ronald G. Collman and Frederic Bushan; Samantha A. Whiteside; Scott Sherrill-Mix; Shantan Reddy; Young Hwang	
EPI_ISL_2966638	Houston Health Dept.	Houston Health Dept.	Adolpho Lara; Pamela Brown; Ryker Penn; Yanlai Lai	
EPI_ISL_3199739, EPI_ISL_3199740, EPI_ISL_3199741, EPI_ISL_3199742, EPI_ISL_3199743, EPI_ISL_3199744, EPI_ISL_3199745, EPI_ISL_3199750, EPI_ISL_3199751, EPI_ISL_3199782, EPI_ISL_3199783, EPI_ISL_3199784, EPI_ISL_3199785, EPI_ISL_3199805, EPI_ISL_3199806	see above	Hyogo Prefectural Institute of Public Health science	Denshi Takai; Etsuko Saito; Kenichi Ogita; Kentaro Itokawa; Kyoko Suzuki; Makoto Kuroda; Masanori Hashino; Masatsugu Chikahira; Miki Ogi; Rina Tanaka; Tomohiro Oshibe; Tsuyoshi Sekizuka; Yumi Akiyama	
EPI_ISL_3147628, EPI_ISL_3147675	H pitaux Robert Schuman	Laboratoire national de sante, Microbiology, Microbial Genomics Platform	Alain Hakim; Anke Wienecke-Baldacchino; Catherine Ragimbeau; Elodie Solarino; Fatu Djabi; Jessica Tapp; Lise Pignon; Nawfal Faik; Raoul Salmon; Tamir Abdelrahman; Virginie Jover	
EPI_ISL_3355095	IA State Hygienic Laboratory	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Alex Burgin; Ben Rambo-Martin; Clinton Paden; Dakota Howard; Dave Wentworth; Dhvani Batra; Jasmine Padilla; Justin Lee; Krista Queen; Kristen Knipe; Kristine Lacey; Mark Burroughs; Matthew Schmerer; Meghan Bentz; Mili Sheth; Peter Cook; Sam Shepard; Sarah Nobles; Suxiang Tong; Vivien Dugan; Yvette Unorunmhi	
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see above	ICMR-National Institute of Virology - INSACOG	NIV Influenza	NIV; Potdar; Pune; Varsha on behalf of National Influenza Centre	
EPI_ISL_2987042, EPI_ISL_2987055	ID Bureau of Laboratories	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Alison Laufer Halpin; Ben L. Rambo-Martin; Clinton R. Paden; Dakota Howard; Darlene Wagner; Dave Wentworth; Dhvani Batra; Jasmine Padilla; Justin Lee; Katie Dillon; Krista Queen; Kristen Knipe; Kristine Lacey; Mark Burroughs; Matthew Schmerer; Mili Sheth; Peter Cook; Sam Shepard; Sarah Nobles; Shoshona Le; Suxiang Tong; Vivien Dugan; Yvette Unorunmhi	
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EPI_ISL_3007490	IN State Department of Health Laboratory Services	IN State Department of Health Laboratory Services	Brian Pope; Cassandra Campion; Jamie Yeadon; Mike Brownlee; Lixia Liu; Mark Glazier; Melissa Hindenlang	
EPI_ISL_3230211	INMI Lazzaro Spallanzani IRCCS	INMI Lazzaro Spallanzani IRCCS	; A Di Caro; B Bartolini; CEM Gruber; E Giombini; F Colavita; F Messina; F Santini; G Bonfiglio; M Rueca; MR Capobianchi; O Butera; S Meschi	
EPI_ISL_3307172	INSA	Instituto Nacional de Saude (INSA)	Borges et al	
EPI_ISL_3267207, EPI_ISL_3267209, EPI_ISL_3267211, EPI_ISL_3267215, EPI_ISL_3267221, EPI_ISL_3267236, EPI_ISL_3267239, EPI_ISL_3267242, EPI_ISL_3267245, EPI_ISL_3267247, EPI_ISL_3267248, EPI_ISL_3267249, EPI_ISL_3267250, EPI_ISL_3267251, EPI_ISL_3267252, EPI_ISL_3267253, EPI_ISL_3267254, EPI_ISL_3267255, EPI_ISL_3267256, EPI_ISL_3267257, EPI_ISL_3267258, EPI_ISL_3267259, EPI_ISL_3267260, EPI_ISL_3267261, EPI_ISL_3267262, EPI_ISL_3267263, EPI_ISL_3267264, EPI_ISL_3267265, EPI_ISL_3267266, EPI_ISL_3267267, EPI_ISL_3267268, EPI_ISL_3267269, EPI_ISL_3267270, EPI_ISL_3267271, EPI_ISL_3267272, EPI_ISL_3267273, EPI_ISL_3267274, EPI_ISL_3267275, EPI_ISL_3267276, EPI_ISL_3267277, EPI_ISL_3267278, EPI_ISL_3267279, EPI_ISL_3267280, EPI_ISL_3267281, EPI_ISL_3267282, EPI_ISL_3267283, EPI_ISL_3267284, EPI_ISL_3267285, EPI_ISL_3267286, EPI_ISL_3267287, EPI_ISL_3267288, EPI_ISL_3267289, EPI_ISL_3267290, EPI_ISL_3267291, EPI_ISL_3267292, EPI_ISL_3267293, EPI_ISL_3267294, EPI_ISL_3267295, EPI_ISL_3267296, EPI_ISL_3267297, EPI_ISL_3267298, EPI_ISL_3267299, EPI_ISL_3267300, EPI_ISL_3267301, EPI_ISL_3267302, EPI_ISL_3267303, EPI_ISL_3267304, EPI_ISL_3267305, EPI_ISL_3267306, EPI_ISL_3267307, EPI_ISL_3267308, EPI_ISL_3267309, EPI_ISL_3267310, EPI_ISL_3267311, EPI_ISL_3267312, EPI_ISL_3267313, EPI_ISL_3267314, EPI_ISL_3267315, EPI_ISL_3267316, EPI_ISL_3267317, EPI_ISL_3267318, EPI_ISL_3267319, EPI_ISL_3267320, EPI_ISL_3267321, EPI_ISL_3267322, EPI_ISL_3267323, EPI_ISL_3267324, EPI_ISL_3267325, EPI_ISL_3267326, EPI_ISL_3267327, EPI_ISL_3267328, EPI_ISL_3267329, EPI_ISL_3267330, EPI_ISL_3267331, EPI_ISL_3267332, EPI_ISL_3267333, EPI_ISL_3267334, EPI_ISL_3267335, EPI_ISL_3267336, EPI_ISL_3267337, EPI_ISL_3267338, EPI_ISL_3267339, EPI_ISL_3267340, EPI_ISL_3267341, EPI_ISL_3267342, EPI_ISL_3267343, EPI_ISL_3267344, EPI_ISL_3267345, EPI_ISL_3267346, EPI_ISL_3267347, EPI_ISL_3267348, EPI_ISL_3267349, EPI_ISL_3267350, EPI_ISL_3267351, EPI_ISL_3267352, EPI_ISL_3267353, EPI_ISL_3267354, EPI_ISL_3267355, EPI_ISL_3267356, EPI_ISL_3267357, EPI_ISL_3267358, EPI_ISL_3267359, EPI_ISL_3267360, EPI_ISL_3267361, EPI_ISL_3267362, EPI_ISL_3267363, EPI_ISL_3267364, EPI_ISL_3267365, EPI_ISL_3267366,				

EPI_ISL_3010140, EPI_ISL_3010141, EPI_ISL_3010147, EPI_ISL_3010163, EPI_ISL_3010174, EPI_ISL_3218890	IVY3 Central Lab, Vanderbilt University Medical Center	Lauring Lab, University of Michigan, Department of Microbiology and Immunology		Valesano
EPI_ISL_3182378, EPI_ISL_3183791	Ibaraki Prefectural Institute of Public Health	Ibaraki Prefectural Institute of Public Health		Keiko Goto; Kentaro Itokawa; Makoto Kuroda; Masanori Hashino; Rina Tanaka; Ryo Kashimura; Shuichi Osawa; Tsuyoshi Sekizuka
EPI_ISL_3272356	Idaho Bureau of Laboratories	Boise VA Medical Center, PALMS		Aimee Ceniseros; Cheri Lamb McFarlane; Christian Loera; Dr. Christopher Ball; Emily Bartlett; James Razor; Matthew Burns; Ying Pei
EPI_ISL_3066981, EPI_ISL_3066982, EPI_ISL_3066983, EPI_ISL_3066984, EPI_ISL_3066986, EPI_ISL_3275106, EPI_ISL_3275107, EPI_ISL_3275111, EPI_ISL_3275112, EPI_ISL_3275113, EPI_ISL_3275114, EPI_ISL_3275120, EPI_ISL_3275121, EPI_ISL_3275122, EPI_ISL_3275126, EPI_ISL_3275127, EPI_ISL_3275128, EPI_ISL_3275129, EPI_ISL_3275133, EPI_ISL_3275135	see above	Idaho Bureau of Laboratories	Center for Global Health, University of New Mexico Health Sciences Center	Christopher Ball; Darrell Dinwiddie; Daryl Domman; Kurt Schwalm; Matthew Burns; Robert Voermans; Valerie Morley
EPI_ISL_3190994, EPI_ISL_3191042	Idaho Bureau of Laboratories	Idaho Bureau of Laboratories		"R. Beukelman; Aimee Ceniseros; Christian Loera; Christopher Ball"; Matthew Charles Burns; Robert L. Voermans
EPI_ISL_2960183, EPI_ISL_2960188, EPI_ISL_2960192, EPI_ISL_2960193, EPI_ISL_2960194, EPI_ISL_2960201, EPI_ISL_3254700, EPI_ISL_3254752, EPI_ISL_3254823	see above	Illinois Department of Public Health	Gagnon Lab, Southern Illinois University	Keith Gagnon
EPI_ISL_3231917, EPI_ISL_3231939, EPI_ISL_3232038, EPI_ISL_3232051, EPI_ISL_3232062, EPI_ISL_3232092, EPI_ISL_3232093, EPI_ISL_3232094, EPI_ISL_3232095, EPI_ISL_3232096, EPI_ISL_3232097, EPI_ISL_3232098, EPI_ISL_3232099, EPI_ISL_3232100, EPI_ISL_3232118, EPI_ISL_3232119, EPI_ISL_3232121, EPI_ISL_3232122, EPI_ISL_3232123	see above	Illinois Department of Public Health	Illinois Department of Public Health - Chicago Lab	Ira Heimler; Joel Price; Vineet K. Dhiman
EPI_ISL_3219012	Illinois Department of Public Health - Springfield Lab	Illinois Department of Public Health - Springfield Lab		Bryan Sim; Gordon McCall; Marshall Smock
EPI_ISL_3015617	Incyte Diagnostics Spokane	Seattle Flu Study		Amanda Adler; Barry R. Lutz; Benjamin Pelle; Brian Hiatt; Caitlin R. Wolf; Chris D. Frazier; Deborah A. Nickerson; Elisabeth Brandstetter; Erica Ryke; Geoff Melly; Helen Y. Chu; Janet A. Englund; Jay Shendure; Jover Lee; Kairsten Fay; Kirsten Lacombe; Lea M. Starita; Mark J. Rieder; Matthew Richardson; Matthew Thompson; Melissa Truong; Michael Boeckh; Michael Famulare; Misja Ilcisin; Peter D. Han; Philip Dykema; Romesh Gautom; Scott Lindquist; Thomas R. Sibley; Trevor Bedford
EPI_ISL_3473409, EPI_ISL_3473491, EPI_ISL_3473525, EPI_ISL_3473631, EPI_ISL_3473705	Indian Council of Medical Research-National Institute of Virology, Microbial Containment Complex	Indian Council of Medical Research-National Institute of Virology, Microbial Containment Complex		Pragya Yadav
EPI_ISL_3242393, EPI_ISL_3242394, EPI_ISL_3242395, EPI_ISL_3242396, EPI_ISL_3242397, EPI_ISL_3242398, EPI_ISL_3243201, EPI_ISL_3243203, EPI_ISL_3243204, EPI_ISL_3243205	see above	Indian Institute of Science Education and Research	CDFD	Ashwin Dalal; Asmita Gupta; Divya Vashisht; Indranil Banerjee; Murali Bashyam; Reelina Basu; Vinay Donipadi
EPI_ISL_3007997, EPI_ISL_3007998, EPI_ISL_3007999	Indira Gandhi Institute of Medical Sciences, Patna	Institute of Life Sciences - INSACOG		Ajay Parida; Amol M. Kanampalliwar; Arup Ghosh; Atimukta Jha; INSACOG Consortium; Omprakash Shiriwas; Punit Prasad; Rajeeb Swain; Rupesh Dash; Safal Wallia; Sana Fatma; Shifu Aggarwal; Sunil K. Raghav
EPI_ISL_3540048, EPI_ISL_3540058, EPI_ISL_3540059, EPI_ISL_3540060, EPI_ISL_3540061, EPI_ISL_3540062, EPI_ISL_3540077	see above	Indira Gandhi Memorial Hospital	Indiar Gandhi Memorial Hospital	D. Fathmath Nazia Rafeeq; Mr. Ibrahim Nishan Ahmed; Ms. Aishath Shuhudha; Ms. Aminath Nazfa; Ms. Fathimath Zimna
EPI_ISL_2955715, EPI_ISL_2955717, EPI_ISL_2955718, EPI_ISL_2955721, EPI_ISL_2955722, EPI_ISL_2955724, EPI_ISL_2955726, EPI_ISL_2955728, EPI_ISL_2955730, EPI_ISL_2955732, EPI_ISL_2955733, EPI_ISL_2955735, EPI_ISL_2955736, EPI_ISL_2955738, EPI_ISL_2955739, EPI_ISL_2955741, EPI_ISL_2955742, EPI_ISL_2955746, EPI_ISL_2955748, EPI_ISL_2955749, EPI_ISL_2955751, EPI_ISL_2955753, EPI_ISL_2955755, EPI_ISL_2955756, EPI_ISL_2955759, EPI_ISL_2955764, EPI_ISL_2955767, EPI_ISL_3066820, EPI_ISL_3066826, EPI_ISL_3066834, EPI_ISL_3066835	see above	Indraprastha Apollo Hospital, New Delhi, India	NCDC Delhi, Biotechnology Division INSACOG	Hema Gogia; Hemlata Lall; Kalaiarasan Ponnusamy; Mahesh S Dhar; Manoj K Singh; Meena Datta; Partha Rakshit; Preeti Madan; Priyanka Singh; Radhakrishnan V. S; Robin Marwal; Sandhya Kabra; Sujeet K Singh; Uma Sharma
EPI_ISL_3611059, EPI_ISL_3611060	Infectious Disease Department of Epidemiology, Beijing Institute of Microbiology and Epidemiology	Infectious Disease Department of Epidemiology, Beijing Institute of Microbiology and Epidemiology		Jie Bai; Lei Huang; Mai-Juan Ma
EPI_ISL_2991508, EPI_ISL_2992072	Infectious Disease Program, Broad Institute of Harvard and MIT	Infectious Disease Program, Broad Institute of Harvard and MIT		A.E.; Adams, G.; Anahtar, M.; B.L.; B.W.; Bauer, M.; Birren; Branda, J.; Carter, A.; Cerrato, F.; Chaluvasi, S.; Chapman; Cusick, C.; D.J.; DeRuff, K.; Flowers, K.; Gallagher, G.; Gladden-Young, A.; Gnirke, A.; Harris, J.; J.E.; K.J.; LaRocque, R.; Lagerborg, K.; Lemieux; Lin; Loreth, C.; MacInnis; Neumann, A.; Normandin, E.; P.C.; Park; Pierce, V.; Reilly, S.; Rosenberg, E.; Rudy, M.; Ryan, E.; S.B.; Sabeti; Shaw, B.; Siddle; Slater, D.; Smole, S.; Tomkins-Tinch, C.; Turbett, S.
EPI_ISL_3122852, EPI_ISL_3122853, EPI_ISL_3122854, EPI_ISL_3122856, EPI_ISL_3122857	Infectious Diseases Hospital	WHO National Influenza Centre Russian Federation		Alexey Masharsky; Andrey Komissarov; Artem Fadeev; Daria Danilenko; Dmitry Lioznov; Elena Nabieva; Georgii Bazykin; Kirill Varchenko; Ksenia Safina; Kseniya Komissarova; Maria Baturova; Maria Pisareva; Mikhail Bakaev; Nikita Yolshin; Oula Mansour; Tamila Musaeva; Veronika Eder
EPI_ISL_2964403, EPI_ISL_2964404, EPI_ISL_2964405, EPI_ISL_2964406, EPI_ISL_2964407, EPI_ISL_2964408, EPI_ISL_2964409, EPI_ISL_2964410, EPI_ISL_2964411, EPI_ISL_2964412	see above	Infectious Diseases Hospital No 4	WHO National Influenza Centre Russian Federation	Andrey Komissarov; Artem Fadeev; Daria Danilenko; Dmitry Lioznov; Elena Nabieva; Georgii Bazykin; Kirill Varchenko; Ksenia Safina; Kseniya Komissarova; Maria Pisareva; Mikhail Bakaev; Nikita Yolshin; Oula Mansour; Tamila Musaeva; Veronika Eder
EPI_ISL_3914982, EPI_ISL_3914986, EPI_ISL_3914987, EPI_ISL_3914988, EPI_ISL_3914989, EPI_ISL_3914991, EPI_ISL_3914992, EPI_ISL_3914994, EPI_ISL_3914995, EPI_ISL_3914996, EPI_ISL_3914997, EPI_ISL_3914998, EPI_ISL_3914999, EPI_ISL_3915001, EPI_ISL_3915006, EPI_ISL_3915009, EPI_ISL_3915010, EPI_ISL_3915011, EPI_ISL_3915013, EPI_ISL_3915014, EPI_ISL_3915015, EPI_ISL_3915016, EPI_ISL_3915017, EPI_ISL_3915057	see above	Institut National D'hygiene, Lome, Togo	Noguchi Memorial Institute for Medical Research, University of Ghana, Legon, Ghana	Afiwa W. Halatoko; Ameyo Dorkenoo; Anoumou Dagnran; Djimabi Salah; Hamadi Assane; Hilda Opoku Frempong; Issaka Maman; Joseph H.K. Bonney; Joyce Appiah-Kubi; Keren O. Attiku; Komlan Kossi; Lallepak Lamboni; Mounerou Salou; Peace O. Uche; Quaneeta Mohhtar; Sena Awunyo; Seyram B. Agbenyo; Yao Layilo; Yawo A. Sadi; Zoukaneiri Issa; and Bright Adu
EPI_ISL_4077684	Institute for Infectious Diseases	Institute for Infectious Diseases		Alban Ramette; Christian Baumann; Cora Sägesser; Franziska Suter-Riniker; Loic Borcard; Miguel A Terrazos Miani; Nicole Liechti; Pascal Bittel; Peter Keller; Sonja Gempeler; Stefan Neuenschwander; Stephen L Leib
EPI_ISL_3040111, EPI_ISL_3040112, EPI_ISL_3040115	Institute for Medical and Chemical Laboratory Diagnostics, Kepler Universitätsklinikum	Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences		Andreas Bergthaler; Anna Schedl; Bekir Erguner; Benedikt Agerer; Christoph Bock; Fabian Amman; Jan Laine; Lukas Endler; Maelie Le Moing; Martin Senekowitsch; Matthew Thornton; Michael Schuster; Petr Triska; Thomas Penz
EPI_ISL_3007147, EPI_ISL_3007148, EPI_ISL_3007149, EPI_ISL_3007151, EPI_ISL_3007152, EPI_ISL_3007153, EPI_ISL_3007155, EPI_ISL_3007156, EPI_ISL_3007157, EPI_ISL_3007158, EPI_ISL_3007160, EPI_ISL_3007161, EPI_ISL_3007163, EPI_ISL_3007164, EPI_ISL_3007166, EPI_ISL_3007167, EPI_ISL_3007169, EPI_ISL_3007170, EPI_ISL_3007171, EPI_ISL_3007173, EPI_ISL_3007174, EPI_ISL_3007175, EPI_ISL_3008130, EPI_ISL_3008131, EPI_ISL_3008138, EPI_ISL_3008139, EPI_ISL_3008146, EPI_ISL_3008148, EPI_ISL_3008156, EPI_ISL_3015584, EPI_ISL_3015586, EPI_ISL_3015587, EPI_ISL_3015588, EPI_ISL_3016285, EPI_ISL_3016286, EPI_ISL_3016287, EPI_ISL_3016288, EPI_ISL_3016290, EPI_ISL_3016295, EPI_ISL_3016296, EPI_ISL_3016299, EPI_ISL_3016300, EPI_ISL_3016301, EPI_ISL_3016302, EPI_ISL_3016303, EPI_ISL_3016304, EPI_ISL_3016305, EPI_ISL_3016308, EPI_ISL_3016309, EPI_ISL_3016310, EPI_ISL_3016311, EPI_ISL_3016312, EPI_ISL_3016313, EPI_ISL_3016315, EPI_ISL_3016316, EPI_ISL_4091459, EPI_ISL_4091463, EPI_ISL_4091464, EPI_ISL_4091467, EPI_ISL_4091468, EPI_ISL_4091469, EPI_ISL_4091470, EPI_ISL_4091471, EPI_ISL_4091476, EPI_ISL_4091477, EPI_ISL_4091481, EPI_ISL_4091482, EPI_ISL_4091486, EPI_ISL_4091487, EPI_ISL_4091489, EPI_ISL_4091490, EPI_ISL_4091492, EPI_ISL_4091493, EPI_ISL_4091495, EPI_ISL_4091496, EPI_ISL_4091498, EPI_ISL_4091499, EPI_ISL_4091500, EPI_ISL_4091502, EPI_ISL_4091504, EPI_ISL_4091506, EPI_ISL_4091507, EPI_ISL_4091508, EPI_ISL_4091509, EPI_ISL_4091510, EPI_ISL_4091511, EPI_ISL_4091512, EPI_ISL_4091513, EPI_ISL_4091514, EPI_ISL_4091515, EPI_ISL_4091516, EPI_ISL_4091520, EPI_ISL_4091521, EPI_ISL_4091522, EPI_ISL_4091524, EPI_ISL_4091526, EPI_ISL_4091527, EPI_ISL_4091528, EPI_ISL_4091530, EPI_ISL_4091535	see above	Institute of Life Sciences, Bhubaneswar	Institute of Life Sciences - INSACOG	Ajay Parida; Amol M. Kanampalliwar; Arup Ghosh; Atimukta Jha; INSACOG Consortium; Omprakash Shiriwas; Punit Prasad; Rajeeb Swain; Rupesh Dash; Safal Wallia; Sana Fatma; Shifu Aggarwal; Sunil K. Raghav
EPI_ISL_2966919, EPI_ISL_2966923, EPI_ISL_2966924, EPI_ISL_2966926, EPI_ISL_2966928, EPI_ISL_2966931, EPI_ISL_2966938, EPI_ISL_2966940, EPI_ISL_2966945, EPI_ISL_2966984, EPI_ISL_3030103, EPI_ISL_3030105, EPI_ISL_3030107, EPI_ISL_3030110, EPI_ISL_3030112, EPI_ISL_3030116, EPI_ISL_3030120, EPI_ISL_3426472	see above	Institute of Microbiology and Immunology, Faculty of Medicine, University of Ljubljana	Institute of Microbiology and Immunology, Faculty of Medicine, University of Ljubljana	Alen Suljić; Andraž Celar; Dominika Šturm; Doroteja Vlaij; Mario Poljak; Matic Brvar; Miša Korva; Patricija Pozrek; Samo Zakotnik; Tatjana Avšič - Županc; Tomaž Mark Zorec; Špela Pleh
EPI_ISL_3243319	Institute of Preventive Medicine	CDFD		Ashwin Dalal; Asmita Gupta; Divya Vashisht; Murali Bashyam; Nagamani Kammili; Reelina Basu; Vinay Donipadi
EPI_ISL_3031939, EPI_ISL_3031940, EPI_ISL_3031941, EPI_ISL_3031942, EPI_ISL_3031943, EPI_ISL_3031944, EPI_ISL_3031966, EPI_ISL_3031988, EPI_ISL_3031998, EPI_ISL_3032004	see above	Institute of Virology, Clinical Virus Genomics, Medical Center, University of Freiburg, Freiburg, Germany	Institute of Virology, Clinical Virus Genomics, Medical Center, University of Freiburg, Freiburg, Germany	Hajo Grundmann; Jonas Fuchs; Lena Jaki; Lisa Kern; Marcus Panning; Sandra Reuter
EPI_ISL_3039619	Institute of medical Microbiology and Hospital Hygiene, Otto-von-Guericke University Magdeburg	Institute of medical Microbiology and Hospital Hygiene, Otto-von-Guericke University Magdeburg		Ajloscha Tersteegen; Prof. Dr. Achim Kaasch
EPI_ISL_3859878	Instituto Nacional de Investigación em Saúde	CERI, Centre for Epidemic Response and Innvoation, Stellenbosch University and KRISP, KZN Research Innovation and Sequencing Platform, UKZN.		Afonso P; David K; Emmanuel SJ; Freitas RH; Giandhari J; Inglês L; Lutucuta S; Miranda J; Morais J; Mufinda M; Naidoo Y; Neto Z; Paulo A Carralero RR Paixão JP; Pereira A; Pillay S; Tegally H; Wilkinson E; de Oliveira T
EPI_ISL_3721807	Instituto Nacional de Medicina Genomica	Instituto Nacional de Medicina Genomica		Cedro-Tanda A; Escobar-Arrazola MA; Herrera-Montalvo LA.; Hidalgo-Miranda A; Mendoza-Vargas A; Ramirez-Vega O; Rangel-DeLeon D; Reyes-Grajeda J; Yair Alfaro-Mora
EPI_ISL_3387151	Instituto Nacional de Rehabilitación	Centro de Investigación en Enfermedades Infecciosas (CIENI), Instituto Nacional de Enfermedades Respiratorias (INER)		Arturo Mondragón-Eguiluz; Celia Boukadida; Claudia Adriana Colín-Castro; Edgar Samuel Vanegas-Rodríguez; Guillermo Cerón-González; Luis Esaú López-Jácome; Margarita Matias-Florentino; María Guadalupe Martínez-Zavaleta; Noé Becerra-Lobato; Rafael Franco-Cedejas; Santiago Avila-Rios
EPI_ISL_3104842, EPI_ISL_3104864, EPI_ISL_3104961, EPI_ISL_3105109, EPI_ISL_3105111	Interpath Laboratory	Seattle Flu Study		Amanda Adler; Barry R. Lutz; Benjamin Pelle; Brian Hiatt; Caitlin R. Wolf; Chris D. Frazier; Deborah A. Nickerson; Elisabeth Brandstetter; Erica Ryke; Geoff Melly; Helen Y. Chu; Janet A. Englund; Jay Shendure; Jover Lee; Kairsten Fay; Kirsten Lacombe; Lea M. Starita; Mark J. Rieder; Matthew Richardson; Matthew Thompson; Melissa Truong; Michael Boeckh; Michael Famulare; Misja Ilcisin; Peter D. Han; Philip Dykema; Romesh Gautom; Scott Lindquist; Thomas R. Sibley; Trevor Bedford
EPI_ISL_3071986	Ipoh Public Health Laboratory	Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia		Anasir MI; Kamel K; Mohd Zawawi Z; Ramly N; Robert F; Suppliah J; Thayan R

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EPI_ISL_3020866, EPI_ISL_3020860, EPI_ISL_3020861, EPI_ISL_3020862, EPI_ISL_3020863, EPI_ISL_3020864, EPI_ISL_3020900	Islab, Etelä-Savon aluelaboratorio	Expert Microbiology, National Institute for Health and Welfare Expert Microbiology, National Institute for Health and Welfare	Carita Savolainen-Kopra; Erika Lindh; Haider al-Hello; Jani Halkilahti; Kirsi Liitsola; Niina Ikonen; Olli Vapalahti; Pekka Ellonen; Phuoc Truong; Päivi Laurila; Ravi Kant; Sari Hannula; Soile Blomqvist; Teemu Smura Carita Savolainen-Kopra; Erika Lindh; Haider al-Hello; Jani Halkilahti; Kirsi Liitsola; Niina Ikonen; Olli Vapalahti; Pekka Ellonen; Phuoc Truong; Päivi Laurila; Ravi Kant; Sari Hannula; Soile Blomqvist; Teemu Smura	
EPI_ISL_3020783, EPI_ISL_3020784, EPI_ISL_3020892, EPI_ISL_3020893	Islab, Pohjois-Savon aluelaboratorio	Expert Microbiology, National Institute for Health and Welfare	Carita Savolainen-Kopra; Erika Lindh; Haider al-Hello; Jani Halkilahti; Kirsi Liitsola; Niina Ikonen; Olli Vapalahti; Pekka Ellonen; Phuoc Truong; Päivi Laurila; Ravi Kant; Sari Hannula; Soile Blomqvist; Teemu Smura	
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EPI_ISL_3031395, EPI_ISL_3031421, EPI_ISL_3031423, EPI_ISL_3031424, EPI_ISL_3031425, EPI_ISL_3031426, EPI_ISL_3031427, EPI_ISL_3031428, EPI_ISL_3031429, EPI_ISL_3031430, EPI_ISL_3031431, EPI_ISL_3031432, EPI_ISL_3031433	see above	Jaramogi Oginga Odinga Teaching and Referral Hospital	USAMRD-A, Basic Science Laboratory	Alan Lemtudo; Beth Mutai; Brian Andika; Carol Kifude; Clement Masakwe; Eric Muthanje; Esther Omuseni; Faith Sigei; Gathii Kimita; George Awinda; John Waitumbi; Josphat Nyataya; Rachel Githii; Rehema Liyai; Stephen Ochola
EPI_ISL_4091558, EPI_ISL_4091559, EPI_ISL_4091560, EPI_ISL_4091561, EPI_ISL_4091563, EPI_ISL_4091564	see above	Jawaharlal Nehru Medical College, Bhagalpur	Institute of Life Sciences - INSACOG	Ajay Parida; Amol M. Kanampalliwari; Arup Ghosh; Atimukta Jha; INSACOG Consortium; Punit Prasad; Rajeeb Swain; Rupesh Dash; Safal Wallia; Sana Fatma; Shifu Aggarwal; Sunil K. Raghav
EPI_ISL_3232538, EPI_ISL_3275167, EPI_ISL_3275170, EPI_ISL_3275172	Juntendo University Hospital K. Himmafushi K. Maafushi	Juntendo University Hospital Indira Gandhi Memorial Hospital Indira Gandhi Memorial Hospital		Koji Tsuchiya; Yoko Tabe; Yoshie Hosaka Dr. Milza Abdul Muhsin; Mr. Ibrahim Nishan Ahmed; Ms. Aishath Shuhudha; Ms. Aminath Nazfa; Ms. Fathimath Zinna Dr. Milza Abdul Muhsin; Mr. Ibrahim Nishan Ahmed; Ms. Aishath Shuhudha; Ms. Aminath Nazfa; Ms. Fathimath Zinna
EPI_ISL_3031383, EPI_ISL_3031400, EPI_ISL_3031401, EPI_ISL_3031407, EPI_ISL_3031408, EPI_ISL_3031409, EPI_ISL_3031410, EPI_ISL_3031411, EPI_ISL_3031414, EPI_ISL_3031415, EPI_ISL_3031416, EPI_ISL_3031417	see above	KCRH KEMRI/DEID Surveillance Site	USAMRD-A, Basic Science Laboratory	Alan Lemtudo; Beth Mutai; Brian Andika; Carol Kifude; Clement Masakwe; Eric Muthanje; Esther Omuseni; Faith Sigei; Gathii Kimita; George Awinda; John Waitumbi; Josphat Nyataya; Rachel Githii; Rehema Liyai; Stephen Ochola
EPI_ISL_3049428, EPI_ISL_3049430, EPI_ISL_3049433, EPI_ISL_3049438, EPI_ISL_3049439, EPI_ISL_3049463, EPI_ISL_3049464, EPI_ISL_3049465, EPI_ISL_3049466, EPI_ISL_3049467, EPI_ISL_3049468, EPI_ISL_3049470, EPI_ISL_3049471, EPI_ISL_3049474, EPI_ISL_3049475, EPI_ISL_3049476, EPI_ISL_3049483, EPI_ISL_3049484, EPI_ISL_3049497, EPI_ISL_3049498, EPI_ISL_3049501, EPI_ISL_3049503, EPI_ISL_3049504, EPI_ISL_3049505, EPI_ISL_3049506, EPI_ISL_3049507, EPI_ISL_3049509, EPI_ISL_3049513, EPI_ISL_3049519, EPI_ISL_3049569, EPI_ISL_3049576, EPI_ISL_3049578, EPI_ISL_3049579, EPI_ISL_3049581, EPI_ISL_3049582, EPI_ISL_3049583, EPI_ISL_3049586, EPI_ISL_3049591, EPI_ISL_3049592, EPI_ISL_3049596, EPI_ISL_3049597, EPI_ISL_3049598, EPI_ISL_3049600, EPI_ISL_3049602, EPI_ISL_3049603, EPI_ISL_3049604, EPI_ISL_3049605, EPI_ISL_3049608, EPI_ISL_3049609, EPI_ISL_3049610, EPI_ISL_3049612, EPI_ISL_3049614, EPI_ISL_3049616, EPI_ISL_3049617, EPI_ISL_3049618, EPI_ISL_3049619, EPI_ISL_3049621, EPI_ISL_3049622, EPI_ISL_3049626, EPI_ISL_3049629, EPI_ISL_3049633, EPI_ISL_3049635, EPI_ISL_3049640, EPI_ISL_3049736, EPI_ISL_3049685, EPI_ISL_3049688, EPI_ISL_3049692, EPI_ISL_3049696, EPI_ISL_3049705, EPI_ISL_3049709, EPI_ISL_3049713	see above	KEMRI-Wellcome Trust Research Programme, Kilifi KEMRI-Wellcome Trust Research Programme, Kilifi	Agoti C.; Githinji G.; Lambisia A.; Matoke D.; Mburu M.W.; Mohamed K.S.; Morobe J.; Ndwiiga L.; Ochola I.; Ong'era M.Edidah; Thiong'o K.; de Laurent Z.	
EPI_ISL_3031384, EPI_ISL_3031403, EPI_ISL_3031404, EPI_ISL_3031406	see above	KEMRI/DEID Surveillance Site (Kombewa Sub County Hospital)	USAMRD-A, Basic Science Laboratory	Alan Lemtudo; Beth Mutai; Brian Andika; Carol Kifude; Clement Masakwe; Eric Muthanje; Esther Omuseni; Faith Sigei; Gathii Kimita; George Awinda; John Waitumbi; Josphat Nyataya; Rachel Githii; Rehema Liyai; Stephen Ochola
EPI_ISL_3353632	KS Health and Environmental Laboratories	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Alex Burgin; Ben Rambo-Martin; Clinton Paden; Dakota Howard; Dave Wentworth; Dhvani Batra; Jasmine Padilla; Justin Lee; Krista Queen; Kristen Knipe; Kristine Lacke; Mark Burroughs; Matthew Schmeer; Meghan Bentz; Mili Sheth; Peter Cook; Sam Shepard; Sarah Nobles; Xuixiang Tong; Vivien Dugan; Yvette Unaurumhi	
EPI_ISL_2964753, EPI_ISL_2964762, EPI_ISL_2964765, EPI_ISL_2964766, EPI_ISL_2964772, EPI_ISL_2964782, EPI_ISL_2964786, EPI_ISL_2964788, EPI_ISL_2964842, EPI_ISL_2964843, EPI_ISL_2964844, EPI_ISL_2964845, EPI_ISL_2964857, EPI_ISL_4007271, EPI_ISL_4007274, EPI_ISL_4007276, EPI_ISL_4007279, EPI_ISL_4007280, EPI_ISL_4007300, EPI_ISL_4007302, EPI_ISL_4007304, EPI_ISL_4007306, EPI_ISL_4007308, EPI_ISL_4007310, EPI_ISL_4007313, EPI_ISL_4007319, EPI_ISL_4008029, EPI_ISL_4008032, EPI_ISL_4008034, EPI_ISL_4008037, EPI_ISL_4008040, EPI_ISL_4008043, EPI_ISL_4008047, EPI_ISL_4008049, EPI_ISL_4008052, EPI_ISL_4008055, EPI_ISL_4008058, EPI_ISL_4008061, EPI_ISL_4008066, EPI_ISL_4008069, EPI_ISL_4008072, EPI_ISL_4008074, EPI_ISL_4008077, EPI_ISL_4008080, EPI_ISL_4008082, EPI_ISL_4008085, EPI_ISL_4008088, EPI_ISL_4008247, EPI_ISL_4008255	see above	KU Leuven, Rega Institute, Clinical and Epidemiological Virology	Bert Vanmechelen; Joan Marti-Carreras; Piet Maes; Tony Wawina-Bokalanga	
EPI_ISL_3561745, EPI_ISL_3939824, EPI_ISL_3939830, EPI_ISL_3940973, EPI_ISL_3940974, EPI_ISL_3940975, EPI_ISL_3940985, EPI_ISL_3940993, EPI_ISL_3941012, EPI_ISL_3941033	see above	Kaiser Permanente NW Reginal Lab	OHSU MM Lab	Xuan Qin; Yun Wu
EPI_ISL_3504899	Kaiser Permanente NW Reginal Lab	OHSU-MM Lab		Yun Wu
EPI_ISL_3007981, EPI_ISL_3007982, EPI_ISL_3007986, EPI_ISL_3007988, EPI_ISL_3007989, EPI_ISL_3007990, EPI_ISL_3007992	see above	Kalinga Institute of Medical Sciences (KIMS), Bhubaneswar	Institute of Life Sciences - INSACOG	Ajay Parida; Amol M. Kanampalliwari; Arup Ghosh; Atimukta Jha; INSACOG Consortium; Omprakash Shiriwari; Punit Prasad; Rajeeb Swain; Rupesh Dash; Safal Wallia; Sana Fatma; Shifu Aggarwal; Sunil K. Raghav
EPI_ISL_3007000, EPI_ISL_3007001	Kalinga Institute of Medical Sciences(KIMS), Bhubaneswar	Institute of Life Sciences - INSACOG		Ajay Parida; Amol M. Kanampalliwari; Arup Ghosh; Atimukta Jha; INSACOG Consortium; Omprakash Shiriwari; Punit Prasad; Rajeeb Swain; Rupesh Dash; Safal Wallia; Sana Fatma; Shifu Aggarwal; Sunil K. Raghav
EPI_ISL_3122909, EPI_ISL_3122911, EPI_ISL_3122912	Kalininrad Region Infectious Diseases Hospital	WHO National Influenza Centre Russian Federation	Alexey Masharsky; Andrey Komissarov; Artem Fadeev; Daria Danilenko; Dmitry Lioznov; Elena Nabieva; Georgii Bazykin; Kirill Varchenko; Ksenia Safina; Kseniya Komissarova; Maria Baturova; Maria Pisareva; Mikhail Bakaev; Nikita Yolshin; Oula Mansour; Tamila Musaeva; Veronika Eder	
EPI_ISL_3123023, EPI_ISL_3123024	Kamchatka Krai Birth Center	WHO National Influenza Centre Russian Federation	Alexey Masharsky; Andrey Komissarov; Artem Fadeev; Daria Danilenko; Dmitry Lioznov; Elena Nabieva; Georgii Bazykin; Kirill Varchenko; Ksenia Safina; Kseniya Komissarova; Maria Baturova; Maria Pisareva; Mikhail Bakaev; Nikita Yolshin; Oula Mansour; Tamila Musaeva; Veronika Eder	
EPI_ISL_3123026	Kamchatka Krai Children's Infectious Diseases Hospital	WHO National Influenza Centre Russian Federation	Alexey Masharsky; Andrey Komissarov; Artem Fadeev; Daria Danilenko; Dmitry Lioznov; Elena Nabieva; Georgii Bazykin; Kirill Varchenko; Ksenia Safina; Kseniya Komissarova; Maria Baturova; Maria Pisareva; Mikhail Bakaev; Nikita Yolshin; Oula Mansour; Tamila Musaeva; Veronika Eder	
EPI_ISL_3191707, EPI_ISL_3191708, EPI_ISL_3191709, EPI_ISL_3191710, EPI_ISL_3191711, EPI_ISL_3191712, EPI_ISL_3191715, EPI_ISL_3191716, EPI_ISL_3191717, EPI_ISL_3191718, EPI_ISL_3191719, EPI_ISL_3191720, EPI_ISL_3191721, EPI_ISL_3191723, EPI_ISL_3191724, EPI_ISL_3191726, EPI_ISL_3191727, EPI_ISL_3191728, EPI_ISL_3191729	see above	Kanagawa Prefectural Institute of Public Health	Kanagawa Prefectural Institute of Public Health	Itsumi Toyokura; Junichi Sakuragi; Kentaro Itokawa; Makiko Kondo; Makoto Kuroda; Masanori Hashino; Rieko Suzuki; Rina Tanaka; Sumi Watanabe; Takako Sano; Takayuki Hishiki; Tomohiko Takasaki; Tsuyoshi Sekizuka
EPI_ISL_2983508, EPI_ISL_3008856	Kansas Health and Environmental Lab	Kansas Health and Environmental Lab		Ben Olsen; Jonathan Barnell; Katherine Wiggins; Mike Grose; and Phil Adam
EPI_ISL_3038905, EPI_ISL_3038906, EPI_ISL_3038907	Karunvej Pathumthani Hospital	National Institute of Health, Department of Medical Sciences, Ministry of Public Health, Thailand		; Natchaya Khiaadsang; Nuttida Thongpramul; Pakorn Piromtong; Pilailuk Okada; Ratana Tacharoenmuang; Siripaporn Phuyung; Sittiporn Parmeen; Sunthareeya Waichareon; Thanutsapa Thanadachakul; Warawan Wongboot; sirikanda wimol
EPI_ISL_4080588	Kentucky State Public Health Lab	Kentucky State Public Health Lab		Anjaya Tummala; Chitralipi Kattunga; Joshua Tobias; Karim George; Matthew Johnson; Rachel Zinner; Rhonda Lucas; Vaneet Arora; William Grooms

EPI_ISL_4080601				
EPI_ISL_3031398	King'ong'o Dispensary	USAMRD-A, Basic Science Laboratory	Alan Lemtudo; Beth Mutai; Brian Andika; Carol Kifude; Clement Masakwe; Eric Muthanje; Esther Omuseni; Faith Sigei; Gathii Kimita; George Awinda; John Waitumbi; Josphat Nyataya; Rachel Githii; Rehema Liyai; Stephen Ochola	
EPI_ISL_3826760, EPI_ISL_3826761	Klang Hospital	Division of Genomic Medicine and Innovation support,Department of Medical Sciences, Ministry of Public Health, Thailand	Archawin Rojanawiwat; Jirapha Pakdee; Natthakul Bunneang; Nuanjun Wichukchinda; Penpitcha Thawong; Pilailuk Akkapaiboon Okada; Pundharika Piboonsiri; Surakameth Mahasirimongkol; Waritta Sawaengdee	
EPI_ISL_3047656	Klinika za infektivne bolesti "Dr. Fran Mihaljević"	Hrvatski zavod za javno zdravstvo	Irena Tabain; Ivana Ferenčak	
EPI_ISL_3121881, EPI_ISL_3121885	Klinikum Stuttgart	Robert Koch Institute		
EPI_ISL_3058188	Klinički bolnički centar Split	Hrvatski zavod za javno zdravstvo	Irena Tabain; Ivana Ferenčak	
EPI_ISL_3275999, EPI_ISL_3276006, EPI_ISL_3276007, EPI_ISL_3276016, EPI_ISL_3276033, EPI_ISL_3276042, EPI_ISL_3276064, EPI_ISL_3276065, EPI_ISL_3276092, EPI_ISL_3276103, EPI_ISL_3276112, EPI_ISL_3276121, EPI_ISL_3276122, EPI_ISL_3276123, EPI_ISL_3276141, EPI_ISL_3276143, EPI_ISL_3276155, EPI_ISL_3276269, EPI_ISL_3276270, EPI_ISL_3276271, EPI_ISL_3276272, EPI_ISL_3276273, EPI_ISL_3276274, EPI_ISL_3276275, EPI_ISL_3276276, EPI_ISL_3276277, EPI_ISL_3276278, EPI_ISL_3276294, EPI_ISL_3276295, EPI_ISL_3276296, EPI_ISL_3276297, EPI_ISL_3276298, EPI_ISL_3276299, EPI_ISL_3276300, EPI_ISL_3276301, EPI_ISL_3276302, EPI_ISL_3276303, EPI_ISL_3276304, EPI_ISL_3276305, EPI_ISL_3276306, EPI_ISL_3276307, EPI_ISL_3276308, EPI_ISL_3276309, EPI_ISL_3276310, EPI_ISL_3276311, EPI_ISL_3276312, EPI_ISL_3276313, EPI_ISL_3276316, EPI_ISL_3276317, EPI_ISL_3276318, EPI_ISL_3276319, EPI_ISL_3276320, EPI_ISL_3276321, EPI_ISL_3276322, EPI_ISL_3276323, EPI_ISL_3276324, EPI_ISL_3276325	see above	Uma Ramakrishnan Dasaradhi Palakodeti Aswin SailNarain		
EPI_ISL_2964390, EPI_ISL_2964392, EPI_ISL_2964393, EPI_ISL_2964399, EPI_ISL_2964400, EPI_ISL_2964401, EPI_ISL_2964402	see above	Krai Clinical Infectious Diseases Hospital	WHO National Influenza Centre Russian Federation	Andrey Komissarov; Artem Fadeev; Daria Danilenko; Dmitry Lioznov; Elena Nabieva; Georgii Bazykin; Kirill Varchenko; Ksenia Safina; Kseniya Komissarova; Maria Pisareva; Mikhail Bakaev; Nikita Yolshin; Oula Mansour; Tamila Musaeva; Veronika Eder
EPI_ISL_3827434	Kumpawapi Hospital	Division of Genomic Medicine and Innovation support,Department of Medical Sciences, Ministry of Public Health, Thailand	Archawin Rojanawiwat; Jirapha Pakdee; Natthakul Bunneang; Nuanjun Wichukchinda; Penpitcha Thawong; Pilailuk Akkapaiboon Okada; Pundharika Piboonsiri; Surakameth Mahasirimongkol; Waritta Sawaengdee	
EPI_ISL_3122859	Kursk Dermatovenerologic Dispensary	WHO National Influenza Centre Russian Federation	Alexey Masharsky; Andrey Komissarov; Artem Fadeev; Daria Danilenko; Dmitry Lioznov; Elena Nabieva; Georgii Bazykin; Kirill Varchenko; Ksenia Safina; Kseniya Komissarova; Maria Baturova; Maria Pisareva; Mikhail Bakaev; Nikita Yolshin; Oula Mansour; Tamila Musaeva; Veronika Eder	
EPI_ISL_3827432	Kutchap Hospital Udonthani	Division of Genomic Medicine and Innovation support,Department of Medical Sciences, Ministry of Public Health, Thailand	Archawin Rojanawiwat; Jirapha Pakdee; Natthakul Bunneang; Nuanjun Wichukchinda; Penpitcha Thawong; Pilailuk Akkapaiboon Okada; Pundharika Piboonsiri; Surakameth Mahasirimongkol; Waritta Sawaengdee	
EPI_ISL_2987599	LAB RSUD Kojka Jakut	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_2988730	LAB-MED.	1. Academic Center for Pathomorphological and Genetic-Molecular Diagnostics ltd, Bialystok, Poland 2. National Institute of Public Health - National Institute of Hygiene, Warsaw, Poland	Anetta Sulewska; Jacek Nikliński; Janusz Dzieciol; Joanna Kiśluk; Katarzyna Zacharczuk; Konrad Raczkowski; Magdalena Nowakowska; Małgorzata Sadkowska-Todys; Piotr Karabowicz; Piotr Majewski; Przemyslaw Biecek. Joanna Reszec; Radoslaw Charkiewicz; Tomasz Wolkowicz	
EPI_ISL_3452805	LABO BIO DOC	CHU Purpan - Laboratoire de Virologie - Institut Fédératif de Biologie	Boyer P.; Carcenac R.; Ferrer V.; Harter A.; Izopet J.; Jeanne N.; Latour J.; Ranger N.; Tremeaux R.	
EPI_ISL_3131383	LABORATOIRE BOUVIER	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal; Bruno Lina; Gregory Destras; Gwendolyne Burfin; Hadrien Regue; Laurence Josset; Martine Valette; Quentin Semanas	
EPI_ISL_3130446, EPI_ISL_3130466	LABORATOIRE FORTE BIO DAX	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal; Bruno Lina; Gregory Destras; Gwendolyne Burfin; Hadrien Regue; Laurence Josset; Martine Valette; Quentin Semanas	
EPI_ISL_3207097	LABORATOIRE d'ANALYSES de BIOLOGIE MEDICALES	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal; Bruno Lina; Gregory Destras; Gwendolyne Burfin; Hadrien Regue; Laurence Josset; Martine Valette; Quentin Semanas	
EPI_ISL_3046079, EPI_ISL_3046080, EPI_ISL_3046084	LESP Ciudad de Mexico	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Abril Rodriguez-Maldonado; Ariadna Medina-Benitez; Claudia Wong-Arambula; Ernesto Ramirez-Gonzalez.; 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_3033456	LESP Puebla	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Abril Rodriguez-Maldonado; Ariadna Medina-Benitez; Claudia Wong-Arambula; Ernesto Ramirez-Gonzalez.; 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_3033409	LESP Quintana Roo	Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)	Abril Rodriguez-Maldonado; Ariadna Medina-Benitez; Claudia Wong-Arambula; Ernesto Ramirez-Gonzalez.; 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_2987654, EPI_ISL_2987655, EPI_ISL_2987656	Lab Genetik Sumbawa	National Institute of Health Research and Development	Arie Ardiansyah Nugraha; Arief Budi Witarto; Fajar Nur Sulistiyohadi; Hana Apsari Pawestri; Hartanti Dian Ikawati; Kartika Dewi Puspa; Krisna Pangesti; Laily Indrayanti; Lalu Hamzi Fikri; Nelly Puspandari; Nurhandini Eka Dewi; Rian Adha Ardinata; Subangkit; Triyani Soekarso; Vivi Setiawaty	
EPI_ISL_3216559, EPI_ISL_3691575	Lab Genetik Sumbawa Technopark	National Institute of Health Research and Development	Arie Ardiansyah Nugraha; Arief Budi Witarto; Fajar Nur Sulistiyohadi; Hana Apsari Pawestri; Hartanti Dian Ikawati; Kartika Dewi Puspa; Krisna Pangesti; Laily Indrayanti; Lalu Hamzi Fikri; Nelly Puspandari; Nurhandini Eka Dewi; Rian Ardh Ardinata; Subangkit; Triyani Soekarso; Vivi Setiawaty	
EPI_ISL_3214551, EPI_ISL_3214554	Lab. Microbiologia e Virologia Cutugno A.O. dei Colli	TIGEM	Antonio Grimaldi Patrizia Annunziata Francesco Panariello Biancamaria Pierri Claudia Tiberio Teresa Giuliano Valentina Bouche Chiara Colantuono Maria Concetta Cuomo Denise Di Concilio Lucio Di Filippo Anna Manfredi Marcello Salvi Antonio Limone Luigi Atripaldi Pellegrino Cerino Andrea Ballabio Davide Cacciarielli	
EPI_ISL_2987597, EPI_ISL_2987601, EPI_ISL_2987605, EPI_ISL_2987606	Labkesda DKI Jakarta	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_3216541, EPI_ISL_3216544	Labkesda Kota Tangerang	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_3548629	Laboeorium RSPP	Genomik Solidaritas Indonesia Laboratorium	Annisa Muthiah Sukirman; Anuraj Shankar; Ariel Pradipta; Carissa Sintca Wijaya; Dhahlia Agustina Cahyono; Dian Prastiti; Dwi Oktavia; Gracia Felias Enos Korompis; Louisa Markus; Meutia Ayuputeri Kumaheri; Neng Hilma Hamidah; Ngabila Salama; Tiranti Vindha; Vania Gavrilu Wikasa	
EPI_ISL_3947414, EPI_ISL_3947444, EPI_ISL_3947456, EPI_ISL_3947459, EPI_ISL_3947467, EPI_ISL_3947479, EPI_ISL_3947484, EPI_ISL_3947494, EPI_ISL_3947500, EPI_ISL_3947504, EPI_ISL_3947505, EPI_ISL_3947508, EPI_ISL_3947510, EPI_ISL_3947517, EPI_ISL_3947521, EPI_ISL_3947524, EPI_ISL_3947527, EPI_ISL_3947529, EPI_ISL_3947533, EPI_ISL_3947538, EPI_ISL_3947540, EPI_ISL_3947541, EPI_ISL_3947565, EPI_ISL_3947567, EPI_ISL_3947621, EPI_ISL_3947644, EPI_ISL_3947647	see above	Labor Dr. Fenner und Kollegen	Heinrich Pette Institute, Leibniz Institute for Experimental Virology	Adam Grundhoff; Alexis Robitaille; Johannes Knobloch; Martin Aepfelbacher; Nicole Fischer; Thomas Günther
EPI_ISL_3237666, EPI_ISL_3237667	Labor ZOTZ(KLIMAS; MVZ Düsseldorf-Centrum		Robert Koch Institute	
EPI_ISL_3477384	Laboratoire Coste	Department of Virology, Henri Mondor University Hospital, Assistance Publique Hôpitaux de Paris, Université Paris-Est Créteil, INSERM U955	Alexandre Soulier; Christophe Rodriguez; Elisabeth Trawinski; Guillaume Gricourt; Jean-Michel Pawlotsky; Melissa N'Debi; Slim Fourati; Vanessa Demontant	
EPI_ISL_4029641	Laboratoire Hôpital Sainte Musse	Laboratoire Hôpital Sainte Musse	Lionel Chollet	
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EPI_ISL_3147184, EPI_ISL_3147294, EPI_ISL_3147607, EPI_ISL_3147642, EPI_ISL_3147662	Laboratoires Reunis	Laboratoire national de sante, Microbiology, Microbial Genomics Platform	Anke Wienecke-Baldacchino; Bernard Weber; Catherine Ragimbeau; Elodie Solarino; Fatu Djabi; Jessica Tapp; Lise Pignon; Raoul Salmon; Tamir Abdelrahman; Virginie Jover	
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EPI_ISL_3138754, EPI_ISL_3138755, EPI_ISL_3138756, EPI_ISL_3138757, EPI_ISL_3138758, EPI_ISL_3138759, EPI_ISL_3138760, EPI_ISL_3138761, EPI_ISL_3138762, EPI_ISL_3138766	see above	Laboratory Medicine and Molecular Diagnostics	Laboratory Medicine and Molecular Diagnostics	Dayakar Seetha; Heera R Pillai; Radhakrishnan R Nair; Sanughosh Kalpothodi
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EPI_ISL_3025547, EPI_ISL_3025558, EPI_ISL_3025591, EPI_ISL_3025612, EPI_ISL_3025616, EPI_ISL_3461202, EPI_ISL_3461203, EPI_ISL_3461214, EPI_ISL_3461220, EPI_ISL_3461234, EPI_ISL_3461270, EPI_ISL_3461279, EPI_ISL_3461303, EPI_ISL_3461310, EPI_ISL_3461312, EPI_ISL_3461329, EPI_ISL_3461330	see above	Laboratory, Gravity Diagnostics	Laboratory, Gravity Diagnostics	Diagnosics, G.
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EPI_ISL_4091444, EPI_ISL_4091445, EPI_ISL_4091446, EPI_ISL_4091447, EPI_ISL_4091450, EPI_ISL_4091452, EPI_ISL_4091454, EPI_ISL_4091455, EPI_ISL_4091457, EPI_ISL_4091458, EPI_ISL_4091460, EPI_ISL_4091461, EPI_ISL_4091462	see above	Late Shri Lakshi Ram Agrawal Memorial Government Medical College, Raigarh	Institute of Life Sciences - INSAOCG	Ajay Parida; Amol M. Kanampalliwar; Arup Ghosh; Atimukta Jha; INSAOCG Consortium; Punit Prasad; Rajeeb Swain; Rupesh Dash; Safal Walia; Sana Fatma; Shifu Aggarwal; Sunil K. Raghav
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EPI_ISL_3843799, EPI_ISL_3843835, EPI_ISL_3843845, EPI_ISL_3843849, EPI_ISL_3843933, EPI_ISL_3844284, EPI_ISL_3844289, EPI_ISL_3844314, EPI_ISL_3844315, EPI_ISL_3844355, EPI_ISL_3844495, EPI_ISL_3844509, EPI_ISL_3844515, EPI_ISL_3844529, EPI_ISL_3844549, EPI_ISL_3844566, EPI_ISL_3905574	see above	M.P Shah Government Medical College,Jamnagar	Gujarat Biotechnology Research Centre	Arpit Shukla; Bhadreshsinh Gohil; Chaitanya Joshi; Dinesh Kumar; Janvi Raval; Madhvi Joshi; Nandiniben Desai; Nimesh Patel; Nitin Shukla; Ramesh Pandit; Zarna Patel
EPI_ISL_3355040	MA State Public Health Laboratory	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Alex Burgin; Ben Rambo-Martin; Clinton Paden; Dakota Howard; Dave Wentworth; Dhvani Batra; Jasmine Padilla; Justin Lee; Krista Queen; Kristen Knipe; Kristine Lacek; Mark Burroughs; Matthew Schmerer; Meghan Bentz; Mili Sheth; Peter Cook; Sam Shepard; Sarah Nobles; Suxiang Tong; Vivien Dugan; Yvette Unoarumhi	
EPI_ISL_3356880, EPI_ISL_3356881, EPI_ISL_3356884, EPI_ISL_3356885, EPI_ISL_3356887, EPI_ISL_3356889, EPI_ISL_3356890, EPI_ISL_3356891, EPI_ISL_3356892, EPI_ISL_3356893, EPI_ISL_3356894	see above	MB-Cadham Provincial Laboratory	Manitoba Cadham Provincial Laboratory	Anna Majer; Anneliese Landgraff; CanCOGE's metadata curation team; Darian Hole; David Alexander; Elsie Grudeski; Gary Van Domselaar; Grace Seo; Jared Bullard; Jennifer Tanner; Kerry Dust; Kirsten Biggar; Madison Chapel; Morag Graham; Natalie Knox; Nathalie Bastien; Paul Van Caesele; Philip Mabon; Public Health Agency of Canada CanCOGE team; Rhiannon Huzarewicz; Russell Mandes; Shari Tyson; Timothy Booth; Yan Li
EPI_ISL_3356819, EPI_ISL_3356821, EPI_ISL_3356822, EPI_ISL_3356833, EPI_ISL_3356834, EPI_ISL_3356835, EPI_ISL_3356836, EPI_ISL_3356837, EPI_ISL_3356838, EPI_ISL_3356839, EPI_ISL_3356840, EPI_ISL_3356841, EPI_ISL_3356845, EPI_ISL_3356846, EPI_ISL_3356847, EPI_ISL_3356849, EPI_ISL_3356850, EPI_ISL_3356851, EPI_ISL_3356852, EPI_ISL_3356853, EPI_ISL_3356859	see above	MB-Cadham Provincial Laboratory	National Microbiology Laboratory (NML)	Anna Majer; Anneliese Landgraff; CanCOGE's metadata curation team; Darian Hole; David Alexander; Elsie Grudeski; Gary Van Domselaar; Grace Seo; Jared Bullard; Jennifer Tanner; Kerry Dust; Kirsten Biggar; Madison Chapel; Morag Graham; Natalie Knox; Nathalie Bastien; Paul Van Caesele; Philip Mabon; Public Health Agency of Canada CanCOGE team; Rhiannon Huzarewicz; Russell Mandes; Shari Tyson; Timothy Booth; Yan Li
EPI_ISL_2980025	MD PHL	MD PHL	Maryland Department of Health Laboratories Administration	
EPI_ISL_4040623	MDI Limbach Berlin GmbH; MVZ Labor Berlin	Robert Koch Institute		
EPI_ISL_2987071	ME Health and Environmental	Centers for Disease Control and Prevention Division of Viral Diseases,	Alison Laufer Halpin; Ben L. Rambo-Martin; Clinton R. Paden; Dakota Howard; Darlene Wagner; Dave Wentworth; Dhvani Batra; Jasmine Padilla; Justin Lee; Katie Dillon; Krista Queen; Kristen Knipe; Kristine Lacek; Mark Burroughs; Matthew Schmerer; Mili Sheth; Peter	

	Testing Laboratory	Pathogen Discovery	Cook; Sam Shepard; Sarah Nobles; Shoshona Le; Suxiang Tong; Vivien Dugan; Yvette Unoarumhi	
EPI_ISL_3016115, EPI_ISL_3016116, EPI_ISL_3016118, EPI_ISL_3016120, EPI_ISL_3016125	MKCG Medical College And Hospital, Brahmapur	Institute of Life Sciences - INSACOG	Ajay Parida; Amol M. Kanampalliwar; Arup Ghosh; Atimukta Jha; INSACOG Consortium; Omprakash Shiriwas; Punit Prasad; Rajeeb Swain; Rupesh Dash; Safal Wallia; Sana Fatma; Shifu Aggarwal; Sunil K. Raghav	
EPI_ISL_3060275	MKK Mühlenkreiskliniken, Johannes Wesling Klinikum Minden	Hannover Medical School, Institute of Virology	Lars Steinbrück	
EPI_ISL_3232890, EPI_ISL_3232891, EPI_ISL_3232892, EPI_ISL_3232893, EPI_ISL_3232894, EPI_ISL_3232895, EPI_ISL_3232897, EPI_ISL_3232898, EPI_ISL_3232899, EPI_ISL_3232900, EPI_ISL_3232901, EPI_ISL_3232902, EPI_ISL_3232903, EPI_ISL_3232904, EPI_ISL_3232905, EPI_ISL_3232906, EPI_ISL_3232907, EPI_ISL_3232908, EPI_ISL_3232909, EPI_ISL_3232910, EPI_ISL_3232911, EPI_ISL_3232912, EPI_ISL_3232913, EPI_ISL_3232914	see above	MMCRI	INSACOG-KA, NIMHANS	
EPI_ISL_3149404, EPI_ISL_3149406, EPI_ISL_3149407, EPI_ISL_3149409, EPI_ISL_3149410, EPI_ISL_3149411, EPI_ISL_3149412, EPI_ISL_3149413, EPI_ISL_3149415, EPI_ISL_3149416, EPI_ISL_3149417, EPI_ISL_3149418, EPI_ISL_3149419, EPI_ISL_3149421, EPI_ISL_3149423, EPI_ISL_3149424, EPI_ISL_3149426, EPI_ISL_3149427, EPI_ISL_3149428, EPI_ISL_3149429, EPI_ISL_3149430, EPI_ISL_3149431, EPI_ISL_3149432, EPI_ISL_3149434, EPI_ISL_3149436, EPI_ISL_3149437, EPI_ISL_3149438, EPI_ISL_3149440, EPI_ISL_3149441, EPI_ISL_3149442, EPI_ISL_3149443, EPI_ISL_3149444	see above	MRC/UVRI & LSHTM Uganda Research Unit, Uganda Virus Research Institute	MRC/UVRI & LSHTM Uganda Research Unit, Uganda Virus Research Institute	
EPI_ISL_3149373, EPI_ISL_3149374, EPI_ISL_3149375, EPI_ISL_3149376, EPI_ISL_3149377, EPI_ISL_3149378, EPI_ISL_3149379, EPI_ISL_3149380, EPI_ISL_3149381, EPI_ISL_3149382, EPI_ISL_3149383, EPI_ISL_3149384, EPI_ISL_3149385, EPI_ISL_3149386, EPI_ISL_3149387, EPI_ISL_3149388, EPI_ISL_3149389, EPI_ISL_3149390, EPI_ISL_3149391, EPI_ISL_3149392, EPI_ISL_3149393, EPI_ISL_3149394, EPI_ISL_3149395, EPI_ISL_3149396, EPI_ISL_3149397, EPI_ISL_3149398, EPI_ISL_3149399, EPI_ISL_3149400, EPI_ISL_3149401, EPI_ISL_3149402, EPI_ISL_3149403, EPI_ISL_3546312, EPI_ISL_3546313, EPI_ISL_3546314, EPI_ISL_3546315, EPI_ISL_3546316, EPI_ISL_3546317, EPI_ISL_3546318, EPI_ISL_3546319, EPI_ISL_3546320, EPI_ISL_3546321, EPI_ISL_3546322, EPI_ISL_3546323	see above	MRC/UVRI & LSHTM Uganda Research Unit, Rakai Health Sciences Program	; Dan Lule Bugembe; John Kayiwa; Matthew Cotten; My V.T Phan; Pontiano Kaleebu	
EPI_ISL_3546295	MRC/UVRI & LSHTM Uganda Research Unit, Central Public Health Laboratories	MRC/UVRI & LSHTM Uganda Research Unit, Central Public Health Laboratories	Dan Lule Bugembe; Hellen Nansumba; Isaac Sseeewanyana; Matthew Cotten; My V.T. Phan; Patrick Semanda; Pontiano Kaleebu; Susan Nabadda	
EPI_ISL_3149344, EPI_ISL_3149345, EPI_ISL_3149346, EPI_ISL_3149347, EPI_ISL_3149348, EPI_ISL_3149349, EPI_ISL_3149350, EPI_ISL_3149351	see above	MRC/UVRI & LSHTM Uganda Research Unit, Central Public Health Laboratories	Dan Lule Bugembe; Hellen Nansumba; Isaac Sseeewanyana; Matthew Cotten; My V.T. Phan; Patrick Semanda; Pontiano Kaleebu; Susan Nabadda	
EPI_ISL_2958646, EPI_ISL_3150932, EPI_ISL_3150935	MRCG at LSHTM Genomics lab	MRCG at LSHTM Genomics lab	Abdoulie Kante; Abdul Karim sesay; Bakary Sanyang; Dabiri Damilari; Jarra Manneh; Mariama Kujabi	
EPI_ISL_3355089	MS Public Health Laboratory	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Alex Burgin; Ben Rambo-Martin; Clinton Paden; Dakota Howard; Dave Wentworth; Dhvani Batra; Jasmine Padilla; Justin Lee; Krista Queen; Kristen Knipe; Kristine Lacek; Mark Burroughs; Matthew Schmerer; Meghan Bentz; Mili Sheth; Peter Cook; Sam Shepard; Sarah Nobles; Suxiang Tong; Vivien Dugan; Yvette Unoarumhi	
EPI_ISL_2966602	MS Public Health Laboratory	University of Mississippi Medical Center, Molecular and Genomics Core Facility	Ashley C. Johnson; D. Ashley Robinson; Ithiel J. Frame; Krishna K. Ayyalasomayajula; Michael R. Garrett; Wenjie Wu	
EPI_ISL_4044339	MVZ Labor Passau GbR	Robert Koch Institute		
EPI_ISL_3947731	MVZ Rheumatologie und Autoimmunmedizin Hamburg GmbH	Heinrich Pette Institute, Leibniz Institute for Experimental Virology	Adam Grundhoff; Alexis Robitaille; Johannes Knobloch; Martin Aepfelbacher; Nicole Fischer; Thomas Günther	
EPI_ISL_3007812, EPI_ISL_3122965, EPI_ISL_3122966	Magadan Regional Dispensary of Phthisiology and Infectious Diseases	WHO National Influenza Centre Russian Federation	Alexey Masharsky; Andrey Komissarov; Artem Fadeev; Daria Danilenko; Dmitry Lioznov; Elena Nabieva; Georgii Bazykin; Kirill Varchenko; Ksenia Safina; Kseniya Komissarova; Maria Baturova; Maria Pisareva; Mikhail Bakaev; Nikita Yolshin; Oula Mansour; Tamila Musaeva; Veronika Eder	
EPI_ISL_4091348, EPI_ISL_4091349, EPI_ISL_4091350, EPI_ISL_4091351, EPI_ISL_4091352, EPI_ISL_4091354	Mahatma Gandhi Memorial Medical College & Hospital Jamshedpur	Institute of Life Sciences - INSACOG	Ajay Parida; Amol M. Kanampalliwar; Arup Ghosh; Atimukta Jha; INSACOG Consortium; Punit Prasad; Rajeeb Swain; Rupesh Dash; Safal Wallia; Sana Fatma; Shifu Aggarwal; Sunil K. Raghav	
EPI_ISL_3009814, EPI_ISL_3009815, EPI_ISL_3009816, EPI_ISL_3009817, EPI_ISL_3009820, EPI_ISL_3009822, EPI_ISL_3009824, EPI_ISL_3009828, EPI_ISL_3009829, EPI_ISL_3009830, EPI_ISL_3009831, EPI_ISL_3009833, EPI_ISL_3009835, EPI_ISL_3009837, EPI_ISL_3009838, EPI_ISL_3009839, EPI_ISL_3009840, EPI_ISL_3009841, EPI_ISL_3009842, EPI_ISL_3009843, EPI_ISL_3009844, EPI_ISL_3009847, EPI_ISL_3009848, EPI_ISL_3015207, EPI_ISL_3015208, EPI_ISL_3015209, EPI_ISL_3015211, EPI_ISL_3015212, EPI_ISL_3015214, EPI_ISL_3015215, EPI_ISL_3015216, EPI_ISL_3015217, EPI_ISL_3015218, EPI_ISL_3015219, EPI_ISL_3015222, EPI_ISL_3015223	see above	Mahatma Gandhi Memorial Medical College & Hospital, Jamshedpur	Ajay Parida; Amol M. Kanampalliwar; Arup Ghosh; Atimukta Jha; INSACOG Consortium; Omprakash Shiriwas; Punit Prasad; Rajeeb Swain; Rupesh Dash; Safal Wallia; Sana Fatma; Shifu Aggarwal; Sunil K. Raghav	
EPI_ISL_3065354	Mako Medical	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Adrian Paskey; Benjamin Rambo-Martin; Christopher Gulvick; Clinton R. Paden; Dakota Howard; Darlene Wagner; Dhvani Batra; Duncan MacCannell; Jason Caravas; Kara Moser; Lauren Moon; Matthew Schmerer; Matthew Tugwell; Peter W. Cook; Scott Sammons; Shatavia Morrison; Yvette Unoarumhi	
EPI_ISL_3060603	Mapmygenome	CSIR-Centre for Cellular and Molecular Biology-INSACOG	; Amareshwar Vodapalli; Ara Sreenivas; Archana Bharadwaj Siva; B Himasri; Divya Tej Sowpati; Jandhyala Sai Krishna; Karthik Bharadwaj Tallapaka; Lamuk Zaveri; Onkar Kulkarni; Payel Mukherjee; Priya Nurkurthy; Rakesh K Mishra; Shreekant Verma; Sofia Banu; Sumedha Avadhanula; Tulasi Nagabandi; Valli Nagalakshmi Undamatta; Vidhyadhari Methuku	
EPI_ISL_3009149, EPI_ISL_3009169, EPI_ISL_3011719, EPI_ISL_3011973, EPI_ISL_3012019, EPI_ISL_3012091, EPI_ISL_3012126, EPI_ISL_3031465, EPI_ISL_3031471, EPI_ISL_3031472, EPI_ISL_3031473, EPI_ISL_3031474, EPI_ISL_3435409	see above	Maryland Genomics, Institute for Genome Sciences, University of Maryland School of Medicine	Claire M; Fraser; Hazen; Holly; Humphrys; Ivette; Jacques; Jonathan; Kranthi; Lim; Lisa D; Luke J; Mike; Ott; Ravel; Roussey; Sadzewicz; Sandra; Santana-Cruz; Tallon; Tracy; Vavikolanu	
EPI_ISL_3549922, EPI_ISL_3549934, EPI_ISL_3549966	Massachusetts State Public Health Laboratory	Massachusetts State Public Health Laboratory	Andrew Lang; Glen Gallagher; Sandra Smole; Timelia Fink	
EPI_ISL_3019977, EPI_ISL_3019981, EPI_ISL_3019986	Mayo Clinic & Mayo Clinic Laboratories	Minnesota Department of Health, Public Health Laboratory	Alexandra Lorentz; Jacob Garfin; Matt Plumb; and Xiong Wang	
EPI_ISL_3730676	Medics Labor AG	Clinical Bacteriology	Adrian Egli; Alfredo Mari; Fanny Wegner; Hans Hirsch; Helena MB Seth-Smith; Julia Bielicki; Karoline Leuzinger; Manuel Battegay; Tim Roloff	
EPI_ISL_3006803, EPI_ISL_3006804, EPI_ISL_3006807, EPI_ISL_3006812, EPI_ISL_3006815, EPI_ISL_3006816, EPI_ISL_3006817, EPI_ISL_3006818, EPI_ISL_3006820, EPI_ISL_3006821, EPI_ISL_3006823, EPI_ISL_3006824, EPI_ISL_3006825, EPI_ISL_3006826, EPI_ISL_3006827, EPI_ISL_3006828, EPI_ISL_3006829	see above	Medini Rai Medical College and Hospital, Medininagar, Palamu	Ajay Parida; Amol M. Kanampalliwar; Arup Ghosh; Atimukta Jha; INSACOG Consortium; Omprakash Shiriwas; Punit Prasad; Rajeeb Swain; Rupesh Dash; Safal Wallia; Sana Fatma; Shifu Aggarwal; Sunil K. Raghav	
EPI_ISL_3047542	Michael E. DeBakey VA Medical Center	Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Adam Retchless; Anna Kelleher; Anna Uehara; Brian Lynch; Clinton R. Paden; Dhvani Batra; Haibin Wang; Han Jia Justin Ng; Jasmine Padilla; Jing Zhang; Justin Lee; Mark Burroughs; Mili Sheth; Morgan Davis; Peter Cook; Rachel Marine; Sarah Nobles; Suxiang Tong; Tara Coalter; Yan Li; Ying Tao	
EPI_ISL_3129635, EPI_ISL_3129854	Michigan Department of Health and Human Services, Bureau of Laboratories	Michigan Department of Health and Human Services, Bureau of Laboratories	Blankenship HM; Riner D; Soehnlen MK	
EPI_ISL_2955944, EPI_ISL_2955948, EPI_ISL_2955949, EPI_ISL_2955950, EPI_ISL_2955975, EPI_ISL_2955983, EPI_ISL_2955996, EPI_ISL_2955999, EPI_ISL_2956000, EPI_ISL_2956004, EPI_ISL_3030618, EPI_ISL_3030639, EPI_ISL_3030656, EPI_ISL_3908101	see above	Microbiology Department & Molecular Biology CORE CDB Hospital Clinic Barcelona	Andrea Vergara Gomez; Andrea Vergara Gomez Jose Luis Villanueva Canas Miguel Julian Martinez Yoldi M. Mar Mosquera Gutierrez M. Angeles Marcos Maeso; Jose Luis Villanueva Cañas; Miguel Julian Martínez Yoldi; Mº Angeles Marcos Maeso; Mº del Mar Mosquera Gutierrez	
EPI_ISL_3342900	Microbiology Department, Laboratori Clinic Metropolitana Nord, Hospital Universitari Germans Trias i Pujol	IrsiCaixa	Alba Sánchez; Alexia París; Anna Not; Antoni E Bordoy; Bonaventura Clotet; Bonaventura Clotet Marc Noguera-Julian; Cristina Casañ; David Panisello; Francesc Catala-Moll; Gemma Clara; Ignacio Blanco; Laia Soler; Lauro Sumoy; Marc Noguera-Julian; Maria Casadellà; Mariona Parera; Mercedes Guerrero; Montserrat Giménez; Pere-Joan Cardona; Pilar Armengol; Roger Paredes; Verónica Saludes; and Elisa Martró on behalf of the Can Ruti SARS-CoV-2 Sequencing Hub	
EPI_ISL_2967804, EPI_ISL_2967833, EPI_ISL_2967855, EPI_ISL_2967886, EPI_ISL_2967887, EPI_ISL_3241728	Microbiology Department. Complejo Hospitalario Universitario de Vigo	Microbiology Department. Complejo Hospitalario Universitario de Vigo	Alfaya N; Alonso I; Alvarez M; Cabrera JJ; Carballo R; Cores O; Cortizo S; Davina C; Martínez L; Mediero G; Perez S; Potel C; Regueiro B; Rey S; Vasallo FJ; del-Campo V	
EPI_ISL_3026866, EPI_ISL_3026885	Microbiology Division, SC DHEC	Microbiology Division, SC DHEC	Freeman; J.S.	

EPI_ISL_3261854, EPI_ISL_3915528	Microbiology laboratory, National Center for Global Health and Medicine Hospital	Pathogen Genomics Center, National Institute of Infectious Diseases	Harutaka Katano; Kentaro Itokawa; Makoto Kuroda; Masanori Hashino; Norio Ohmagari; Rina Tanaka; Shinji Saito; Shun lida; Tadaki Suzuki; Tsuyoshi Sekizuka; Yuichiro Hirata
EPI_ISL_3047868	Microvida	Microvida	Jaco J. Verweij; Joep J. J. M. Stohr; Suzan D. Pas
EPI_ISL_2984513, EPI_ISL_2984514, EPI_ISL_2984515, EPI_ISL_2984516, EPI_ISL_2984517, EPI_ISL_2984518, EPI_ISL_2984520, EPI_ISL_2984526, EPI_ISL_2984527, EPI_ISL_2984530, EPI_ISL_2984534, EPI_ISL_2984537, EPI_ISL_2984546, EPI_ISL_2984547, EPI_ISL_3063293, EPI_ISL_3063296, EPI_ISL_3063343, EPI_ISL_3063344, EPI_ISL_3063346, EPI_ISL_3063347, EPI_ISL_3063352, EPI_ISL_3063356, EPI_ISL_3063357, EPI_ISL_3063359, EPI_ISL_3063360, EPI_ISL_3063363, EPI_ISL_3063364, EPI_ISL_3063367, EPI_ISL_3063370, EPI_ISL_3063371, EPI_ISL_3063372, EPI_ISL_3063373, EPI_ISL_3063374, EPI_ISL_3063375, EPI_ISL_3063376, EPI_ISL_3063377, EPI_ISL_3063379, EPI_ISL_3063380, EPI_ISL_3063383, EPI_ISL_3063384, EPI_ISL_3063387, EPI_ISL_3063388, EPI_ISL_3063389, EPI_ISL_3063390, EPI_ISL_3063391, EPI_ISL_3063392, EPI_ISL_3063393, EPI_ISL_3063394, EPI_ISL_3063395, EPI_ISL_3063396, EPI_ISL_3063397, EPI_ISL_3066532, EPI_ISL_3066540, EPI_ISL_3066544, EPI_ISL_3066670, EPI_ISL_3066671, EPI_ISL_3066731, EPI_ISL_3066732, EPI_ISL_3066750, EPI_ISL_3066752, EPI_ISL_3066753	Ministry of Health Turkey	Ministry of Health Turkey	Fatma Bayraktar; Gulay Korukluoglu; Suleyman Yalcin; Yasemin Cosgun
EPI_ISL_3010985, EPI_ISL_3010986, EPI_ISL_3010987, EPI_ISL_3010989, EPI_ISL_3010992, EPI_ISL_3010995, EPI_ISL_3010998, EPI_ISL_3011003, EPI_ISL_3065521, EPI_ISL_3941077	Missouri State Public Health Laboratory	Missouri State Public Health Laboratory	Ashley New; Joshua Barry; Matthew Sinn
EPI_ISL_2958920	Mobile County Health Department	Synergy Laboratories	Megan Cornwell
EPI_ISL_3559286	Mobile Infirmary Medical Center	Synergy Laboratories	Megan Cornwell
EPI_ISL_3142950, EPI_ISL_3142953	Molecular & Genomic Pathology Laboratory, Thomas Jefferson University Hospital	Molecular & Genomic Pathology Laboratory, Thomas Jefferson University Hospital	Nitika Badjatia; Run Jin; Shannon Mahoney; Zi-xuan Wang
EPI_ISL_3060291	Molecular Biology Laboratory, Westchester Medical Center	Genomics Core Laboratory, New York Medical College	Changhong Yin; Jian Zhuge; Utsav Pandey; Weihua Huang
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Central Research Institute of Epidemiology	Akimkin V.G.; Berlina Y.Y.; Buharina A.Y.; Bulanenko V.P.; Cherkashina A.S.; Dohoyan A.Y.; Golubeva A.G.; Kapтелova V.V.; Kondrasheva L.Y.; Korneenko E.V.; Nadtko M.I.; Roev G.V.; Saenko S.S.; Samoilov A.E.; Shipulina O.Y.; Sinitsyn S.O.; Smirnova Y.S.; Solovieva E.D.; Speranskaya A.S.; Svetlichny D.V.; Tivanova E.V.; Valdohina A.V.; Vyhodceva A.V.; Zotova M.I.; Zuev S.N.	
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EPI_ISL_2967120, EPI_ISL_2967122, EPI_ISL_2967125, EPI_ISL_2967132, EPI_ISL_2967136, EPI_ISL_2967139, EPI_ISL_2967141, EPI_ISL_2967145, EPI_ISL_2967166	see above	National Center of Infectious and Parasitic Diseases	National Center of Infectious and Parasitic Diseases	Alexiev et al
EPI_ISL_3315050, EPI_ISL_4056506	National Centre For Cell Science	National Centre For Cell Science	INSACOG	Ajay Pillai; Dhiraj Paul; Girish R Nair; Harshida S Ghode; INSACOG Consortium team; Kalpesh Bavkar; Kartik J Deopujari; Manoj Kumar Bhat; Mitali Inamdar; Mohak P Gujar; Shivang P. Bhanushali; Yogesh Shouche
EPI_ISL_2955696, EPI_ISL_2955700, EPI_ISL_2955702, EPI_ISL_2955703, EPI_ISL_2955706, EPI_ISL_2955710, EPI_ISL_2955712, EPI_ISL_2955713, EPI_ISL_2955769, EPI_ISL_2955770, EPI_ISL_2955772, EPI_ISL_2955773, EPI_ISL_2955774, EPI_ISL_2955775, EPI_ISL_2955777, EPI_ISL_2955778, EPI_ISL_2955780, EPI_ISL_2955781, EPI_ISL_2955782, EPI_ISL_2955783, EPI_ISL_2955784, EPI_ISL_2955837, EPI_ISL_2955838, EPI_ISL_2955839, EPI_ISL_2955840, EPI_ISL_2955841, EPI_ISL_2955842, EPI_ISL_2955844, EPI_ISL_2955845, EPI_ISL_2955846, EPI_ISL_2955847, EPI_ISL_2955848, EPI_ISL_2955849, EPI_ISL_2955850, EPI_ISL_2955851, EPI_ISL_2955852, EPI_ISL_2955853, EPI_ISL_2955854, EPI_ISL_2955855, EPI_ISL_2955856, EPI_ISL_2955857, EPI_ISL_2955859, EPI_ISL_2955860, EPI_ISL_2955861, EPI_ISL_2955863, EPI_ISL_2955865, EPI_ISL_2955866, EPI_ISL_2955867, EPI_ISL_2955871, EPI_ISL_2955872, EPI_ISL_2955874, EPI_ISL_2955875, EPI_ISL_2955879, EPI_ISL_2955881, EPI_ISL_2955885, EPI_ISL_2955886, EPI_ISL_2955887, EPI_ISL_2955889, EPI_ISL_2955892, EPI_ISL_2955893, EPI_ISL_2955894, EPI_ISL_2955895, EPI_ISL_2955897, EPI_ISL_2955898, EPI_ISL_2955899, EPI_ISL_2955901, EPI_ISL_2955902, EPI_ISL_2955903, EPI_ISL_2955906, EPI_ISL_2955907, EPI_ISL_2955908, EPI_ISL_2955909, EPI_ISL_2955910, EPI_ISL_2955917, EPI_ISL_2955918, EPI_ISL_2955919, EPI_ISL_2955921, EPI_ISL_2955924, EPI_ISL_2955926, EPI_ISL_2955927, EPI_ISL_2955928, EPI_ISL_2955929, EPI_ISL_2955930, EPI_ISL_2955931	National Centre for Disease Control (NCDC) Biotechnology Division, Delhi	NCDC Delhi, Biotechnology Division INSACOG	Hema Gogia; Hemlata Lal; Kalaiarasan Ponnusamy; Mahesh S Dhar; Manoj K Singh; Meena Datta; Partha Rakshit; Preeti Madan; Priyanka Singh; Radhakrishnan V. S; Robin Marwal; Sandhya Kabra; Sujeet K Singh; Uma Sharma	
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EPI_ISL_3375694, EPI_ISL_3375695, EPI_ISL_3375696	National Institute of Infectious Diseases-Prof. Dr. Matei Bals Molecular Diagnostics Laboratory	National Institute of Infectious Diseases-Prof. Dr. Matei Bals Molecular Diagnostics Laboratory		Andreea Tudor; Corina Casangiu; Dan Otelea; Leontina Banica; Marius Surlea; Ovidiu Vlaicu; Simona Paraschiv
EPI_ISL_2982971	National Laboratory for Health, Environment and Food, OMM, Celje	NLZOH (National Laboratory for Health, Environment and Food) / CISLD (Clinical Institute of Special Laboratory Diagnostics), University Children's Hospital, University Medical Center Ljubljana	Aleksander Kocuvan; Aleksander Mahnic; Alenka Štorman; Ana Grom; Barbara Jenko Bizjan; Daša Kavka / Jernej Kovač; Kaja Tominc; Katarina Kozmos; Maja Rupnik; Marko Pokorn; Maruša Debeljak; Mateja Borinc; Maša Jarčič; Nika Gobec; Robert Šket; Sandra Janežic; Tadej Battelino; Tine Tesovnik; Tjaša Zohar Čretnik	
EPI_ISL_2969975	National Platform bis UMONS/jolimont	National Platform bis UMONS/jolimont		Eric Tarantino; Florian Juszczak; François Dufrasne; Gautier Detry; Guillaume Bayon-Vicente; Ruddy Wattiez
EPI_ISL_3547663, EPI_ISL_3547664, EPI_ISL_3547666, EPI_ISL_3547667, EPI_ISL_3547668, EPI_ISL_3547669, EPI_ISL_3547670, EPI_ISL_3547671, EPI_ISL_3547672, EPI_ISL_3547673, EPI_ISL_3547674, EPI_ISL_3547675, EPI_ISL_3547676, EPI_ISL_3547677, EPI_ISL_3547678, EPI_ISL_3547679, EPI_ISL_3547680, EPI_ISL_3547681, EPI_ISL_3547682, EPI_ISL_3547684, EPI_ISL_3547699	see above	National Public Health Institute of Liberia Reference Lab	Center for Infection and Immunity, Columbia University	Bode Shobayo; Jane MacCauley; Komal Jain; Mitali Mishra; Nischay Mishra; Thomas Brieše; W. Ian Lipkin
EPI_ISL_2978680, EPI_ISL_3026034, EPI_ISL_3026035, EPI_ISL_3026036, EPI_ISL_3026037, EPI_ISL_3026038, EPI_ISL_3026039	see above	National Public Health Laboratory, National Centre for Infectious Diseases	National Public Health Laboratory, National Centre for Infectious Diseases	Lin Cui; Raymond Tzer Pin Lin; Royce Ang; Tze Minn Mak; Zhenyang Zhou
EPI_ISL_3184557, EPI_ISL_3184595	National Public Health Laboratory/B.P Koirala Institute of Health Science, COVID-19 PCR Lab	National Public Health Laboratory/CSIR-Institute of Genomics and Integrative Biology		COVID-19 PCR Lab Team; COVID-19 PCR Lab Team; National Public Health Laboratory Team /B.P Koirala Institute of Health Science; National Public Health Laboratory Team/B.P Koirala Institute of Health Science
EPI_ISL_3184525, EPI_ISL_3184526	National Public Health Laboratory/Baitadi, COVID-19 PCR Lab	National Public Health Laboratory/CSIR-Institute of Genomics and Integrative Biology		COVID-19 PCR Lab Team; National Public Health Laboratory Team /Baitadi
EPI_ISL_3184521, EPI_ISL_3184597	National Public Health Laboratory/Bajhang, COVID-19 PCR Lab	National Public Health Laboratory/CSIR-Institute of Genomics and Integrative Biology		COVID-19 PCR Lab Team; National Public Health Laboratory Team /Bajhang; National Public Health Laboratory Team/Bajhang
EPI_ISL_3184536, EPI_ISL_3184537	National Public Health Laboratory/Chaurhajari COVID-19 PCR Lab	National Public Health Laboratory/CSIR-Institute of Genomics and Integrative Biology		National Public Health Laboratory Team/Chaurhajari COVID-19 PCR Lab Team
EPI_ISL_3184527	National Public Health Laboratory/Dadeldhura, COVID-19 PCR Lab	National Public Health Laboratory/CSIR-Institute of Genomics and Integrative Biology		COVID-19 PCR Lab Team; National Public Health Laboratory Team /Dadeldhura
EPI_ISL_3184530	National Public Health Laboratory/Doti COVID-19 PCR Lab	National Public Health Laboratory/CSIR-Institute of Genomics and Integrative Biology		National Public Health Laboratory Team/Doti COVID-19 PCR Lab Team
EPI_ISL_3184522	National Public Health Laboratory/Kamalbazar, COVID-19 PCR Lab	National Public Health Laboratory/CSIR-Institute of Genomics and Integrative Biology		COVID-19 PCR Lab Team; National Public Health Laboratory Team/Kamalbazar
EPI_ISL_3184523, EPI_ISL_3184524	National Public Health Laboratory/Mahakali, COVID-19 PCR Lab	National Public Health Laboratory/CSIR-Institute of Genomics and Integrative Biology		COVID-19 PCR Lab Team; National Public Health Laboratory Team /Mahakali
EPI_ISL_3184534	National Public Health Laboratory/Narayani Hospital COVID-19 PCR Lab	National Public Health Laboratory/CSIR-Institute of Genomics and Integrative Biology		National Public Health Laboratory Team/Narayani Hospital COVID-19 PCR Lab Team
EPI_ISL_3184535	National Public Health Laboratory/PPHL-5	National Public Health Laboratory/CSIR-Institute of Genomics and Integrative Biology		National Public Health Laboratory Team/PPHL-5 Team
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EPI_ISL_3246242	Neuberg Supratche Refrence Laboratory, Surat	Gujarat Biotechnology Research Centre	Arpit Shukla; Bhadrashinh Gohil; Chaitanya Joshi; Dinesh Kumar; Janvi Raval; Madhvi Joshi; Manthan Shah; Nimesh Patel; Nitesh Shah; Nitin Savaliya; Nitin Shukla; Ramesh Pandit; Sonal Sharma; Twinkle Soni; Umang Mishra; Zarna Patel; Zuber Saiyed	
EPI_ISL_3021238, EPI_ISL_3372289, EPI_ISL_3825047, EPI_ISL_3825081	Nevada State Public Health Laboratory	Nevada State Public Health Laboratory		Andrew Gorzalski; Mark Pandori
EPI_ISL_2455231, EPI_ISL_2921618, EPI_ISL_2921619, EPI_ISL_2921622	New South Wales Health Pathology Royal Prince Alfred Hospital	Microbiology RPAH		Au, J.; Bull, R.; Deveson, I.; Foster, C.; Rawlinson, W.; Ruiz Silva, M.; Van Hal, S.
EPI_ISL_4058138, EPI_ISL_4058139, EPI_ISL_4058141, EPI_ISL_4058143, EPI_ISL_4058177, EPI_ISL_4058180	Nizam's Institute Of Medical Sciences	CDFD		Ashwin Dalal; Asmita Gupta; Divya Vashisht; Murali Bashyam; Nagamani Kammili; Vinay Donipadi
EPI_ISL_3827431	Nonsaad Hospital	Division of Genomic Medicine and Innovation support,Department of Medical Sciences, Ministry of Public Health, Thailand	Archawin Rojanawitwat; Jirapha Pakdee; Natthakul Bunneang; Nuanjun Wichukchinda; Penpitcha Thawong; Pilailuk Akkapaiboon Okada; Puntharika Piboonsiri; Surakameth Mahasirimongkol; Waritta Sawaengdee	
EPI_ISL_3403346, EPI_ISL_3403347, EPI_ISL_3403348, EPI_ISL_3403349	Nonthaburi Public Health Office	National Institute of Health, Department of Medical Sciences, Ministry of Public Health, Thailand	; Natchaya Khiahsang; Nuttida Thongpramul; Pakorn Piromtong; Pilailuk Okada; Ratana Tacharoenmuang; Siripaporn Phuygun; Sittiporn Parmmen; Sunthareeya Waicharoen; Thanutsapa Thanadachakul; Warawan Wongboot; sirikanda wimol	
EPI_ISL_3020542, EPI_ISL_3020543, EPI_ISL_3020544,	NordLab Kokkola	Expert Microbiology, National Institute for Health and Welfare	Carita Savolainen-Kopra; Erika Lindh; Haider al-Hello; Jani Halkilahti; Kirsi Liitsola; Niina Ikonen; Olli Vapalahti; Pekka Elonen; Phuoc Truong; Päivi Laurila; Ravi Kant; Sari Hannula; Soile Blomqvist; Teemu Smura	

EPI_ISL_3020545, EPI_ISL_3020546			
EPI_ISL_3020650, EPI_ISL_3020651, EPI_ISL_3020652, EPI_ISL_3020653, EPI_ISL_3020656, EPI_ISL_3020657, EPI_ISL_3020660, EPI_ISL_3020665, EPI_ISL_3020669, EPI_ISL_3020670, EPI_ISL_3020671, EPI_ISL_3020672, EPI_ISL_3020673, EPI_ISL_3020856, EPI_ISL_3020857, EPI_ISL_3020858, EPI_ISL_3020859, EPI_ISL_3020950			
see above	NordLab Oulu	Expert Microbiology, National Institute for Health and Welfare	Carita Savolainen-Kopra; Erika Lindh; Haider al-Hello; Jani Halkilahti; Kirsi Liitsola; Niina Ikonen; Olli Vapalahti; Pekka Ellonen; Phuoc Truong; Päivi Laurila; Ravi Kant; Sari Hannula; Soile Blomqvist; Teemu Smura
EPI_ISL_2955786, EPI_ISL_2955789, EPI_ISL_2955790, EPI_ISL_2955791, EPI_ISL_2955792, EPI_ISL_2955793, EPI_ISL_2955797, EPI_ISL_2955798, EPI_ISL_2955799, EPI_ISL_2955800, EPI_ISL_2955806, EPI_ISL_2955807, EPI_ISL_2955810, EPI_ISL_2955812, EPI_ISL_2955813, EPI_ISL_2955814, EPI_ISL_2955815, EPI_ISL_2955816, EPI_ISL_2955817, EPI_ISL_2955818, EPI_ISL_2955819, EPI_ISL_2955820, EPI_ISL_2955821, EPI_ISL_2955822, EPI_ISL_2955823, EPI_ISL_2955824, EPI_ISL_2955825, EPI_ISL_2955826, EPI_ISL_2955827, EPI_ISL_2955829, EPI_ISL_2955830, EPI_ISL_2955831, EPI_ISL_2955832, EPI_ISL_2955834, EPI_ISL_3066849, EPI_ISL_3066850, EPI_ISL_3066851, EPI_ISL_3066852, EPI_ISL_3066853			
see above	Northern Railway Central Hospital, New Delhi, India	NCDC Delhi, Biotechnology Division INSACOG	Hema Gogia; Hemlata Lal; Kalaiarasan Ponnusamy; Mahesh S Dhar; Manoj K Singh; Meena Datta; Partha Rakshit; Preeti Madan; Priyanka Singh; Radhakrishnan V. S; Robin Marwal; Sandhya Kabra; Sujeet K Singh; Uma Sharma
EPI_ISL_3570690	Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust	COVID-19 Genomics UK (COG-UK) Consortium	Andrew Nelson; Brendan Payne; Clive Graham; Darren L Smith; Debra Padgett; Edward Barton; Emma Swindells; Garren Scott; Gary Black; Gary Eltringham; Giles S Holt; Greg R Young; Jane Greenaway; Jennifer Collins; John Allan; Joshua Loh; Lynn Dover; Matthew Bashton; Mohammad A Tariq; Paul Baker; Sarah Essex; Steve Liggett; Wen C Yew; Yusri Taha
EPI_ISL_3015657, EPI_ISL_3015659	Northwest Laboratory	Seattle Flu Study	Amanda Adler; Barry R. Lutz; Benjamin Pelle; Brian Hiatt; Caitlin R. Wolf; Chris D. Frazar; Deborah A. Nickerson; Elisabeth Brandstetter; Erica Ryke; Geoff Melly; Helen Y. Chu; Janet A. Englund; Jay Shendure; Jover Lee; Kairsten Fay; Kirsten Lacombe; Lea M. Starita; Mark J. Rieder; Matthew Richardson; Matthew Thompson; Melissa Truong; Michael Boeckh; Michael Famulare; Misja Ilcisin; Peter D. Han; Philip Dykema; Romesh Gautom; Scott Lindquist; Thomas R. Sibley; Trevor Bedford
EPI_ISL_3012205	Nucleic Acid Testing, National Reference Laboratory	GIGA Medical Genomics	Bouchra Boujemla; Esperence Umumaraarungu; Jacob Sououpgui; Keith Durkin; Léon Mutesa; Maria Artesi; Marie-Pierre Hayette; Nathalie Renotte; Patrick Tuyisenge; Reuben Sindayiheba; Robert Rutayisire; Sabin Nsanzimana; Swaibu Gatara; Sébastien Bontems; Vincent Bours; Yvan Butera
EPI_ISL_2987076, EPI_ISL_2987079, EPI_ISL_2987082, EPI_ISL_3491376	OH Department of Health Laboratory	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Alex Burgin; Alison Laufer Halpin; Ben L. Rambo-Martin; Ben Rambo-Martin; Clinton Paden; Clinton R. Paden; Dakota Howard; Darlene Wagner; Dave Wentworth; Dhvani Batra; Jasmine Padilla; Justin Lee; Katie Dillon; Krista Queen; Kristen Knipe; Kristine Lacek; Mark Burroughs; Matthew Schmerer; Meghan Bentz; Mili Sheth; Peter Cook; Sam Shepard; Sarah Nobles; Shoshona Le; Suxiang Tong; Vivien Dugan; Yvette Unoarumhi
EPI_ISL_3065617	OHSU-MM Lab	OHSU-MM Lab	Rebecca O’Gara
EPI_ISL_3370352	Ohio Department of Health Laboratory	Ohio Department of Health Laboratory	Allison Black; Brent Lee; Caitlin McDonnell; Eric Brandt; Erica Leasure; Glen McGillivary; Heather Blankenship; Holmes; Jade Mowery; Jennifer; Kelsey Florek; Keoni Omura; Kirtana Ramadugu; Quanta Brown; Stephanie Mcracken; Tyler Payne; and Tammy Bannerman
EPI_ISL_3015274, EPI_ISL_3015275, EPI_ISL_3015276, EPI_ISL_3015277, EPI_ISL_3015279, EPI_ISL_3015281, EPI_ISL_3015282, EPI_ISL_3015283, EPI_ISL_3015284, EPI_ISL_3015287			
see above	Old District Headquarter Hospital, Jharsuguda	Institute of Life Sciences - INSACOG	Ajay Parida; Amol M. Kanampalliwar; Arup Ghosh; Atimukta Jha; INSACOG Consortium; Omprakash Shiriwas; Punit Prasad; Rajeeb Swain; Rupesh Dash; Safal Wallia; Sana Fatma; Shifu Aggarwal; Sunil K. Raghav
EPI_ISL_3029855, EPI_ISL_3029856, EPI_ISL_3029857, EPI_ISL_3029858, EPI_ISL_3029859, EPI_ISL_3029860	Olive View Medical Center	Los Angeles County Public Health Laboratories	P. Hemarajata et al.
EPI_ISL_3462057	Orange County Public Health Laboratory, Orange County Public Health Laboratory submission group	Orange County Public Health Laboratory, Orange County Public Health Laboratory submission group	Elder; J.W.
EPI_ISL_3243248, EPI_ISL_3243294, EPI_ISL_3243308, EPI_ISL_3243309, EPI_ISL_3243310, EPI_ISL_3243318, EPI_ISL_3243328, EPI_ISL_3243329, EPI_ISL_3243330, EPI_ISL_3243351, EPI_ISL_3243352			
see above	Osmania Medical College	CDFO	Ashwin Dalal; Asmita Gupta; Divya Vashisht; Murali Bashyam; Nagamani Kammili; Reelina Basu; Vinay Donipadi
EPI_ISL_3120106	Ospedale Galeazzi	Laboratory of Clinical Microbiology, Virology and Bioemergencies, ASST Fatebenefratelli Sacco - Sacco Hospital	Valeria Micheli
EPI_ISL_3120109	Ospedale di Vimercate	Laboratory of Clinical Microbiology, Virology and Bioemergencies, ASST Fatebenefratelli Sacco - Sacco Hospital	Valeria Micheli
EPI_ISL_3031391, EPI_ISL_3031396, EPI_ISL_3031399	Othaya Sub-County Hospital	USAMRD-A, Basic Science Laboratory	Alan Lemtudo; Beth Mutai; Brian Andika; Carol Kifude; Clement Masakwe; Eric Muthanje; Esther Omuseni; Faith Sigei; Gathii Kimita; George Awinda; John Waitumbi; Josphat Nyataya; Rachel Githii; Rehema Liyai; Stephen Ochola
EPI_ISL_3104971, EPI_ISL_3105061	Overlake Hospital	Seattle Flu Study	Amanda Adler; Barry R. Lutz; Benjamin Pelle; Brian Hiatt; Caitlin R. Wolf; Chris D. Frazar; Deborah A. Nickerson; Elisabeth Brandstetter; Erica Ryke; Geoff Melly; Helen Y. Chu; Janet A. Englund; Jay Shendure; Jover Lee; Kairsten Fay; Kirsten Lacombe; Lea M. Starita; Mark J. Rieder; Matthew Richardson; Matthew Thompson; Melissa Truong; Michael Boeckh; Michael Famulare; Misja Ilcisin; Peter D. Han; Philip Dykema; Romesh Gautom; Scott Lindquist; Thomas R. Sibley; Trevor Bedford
EPI_ISL_3355184	PR Public Health Lab	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Alex Burgin; Ben Rambo-Martin; Clinton Paden; Dakota Howard; Dave Wentworth; Dhvani Batra; Jasmine Padilla; Justin Lee; Krista Queen; Kristen Knipe; Kristine Lacek; Mark Burroughs; Matthew Schmerer; Meghan Bentz; Mili Sheth; Peter Cook; Sam Shepard; Sarah Nobles; Suxiang Tong; Vivien Dugan; Yvette Unoarumhi
EPI_ISL_3045965, EPI_ISL_3045966, EPI_ISL_3045967, EPI_ISL_3045968, EPI_ISL_3045969, EPI_ISL_3045970, EPI_ISL_3045971, EPI_ISL_3045972, EPI_ISL_3045973, EPI_ISL_3045974, EPI_ISL_3045975, EPI_ISL_3045976, EPI_ISL_3045977, EPI_ISL_3045978, EPI_ISL_3065946, EPI_ISL_3065947, EPI_ISL_3066395, EPI_ISL_3066396, EPI_ISL_3066397, EPI_ISL_3066398, EPI_ISL_3066399, EPI_ISL_3066400			
see above	PanGenomics International Pvt. Ltd., Ahmedabad	Gujarat Biotechnology Research Centre	Chaitanya Joshi; Dinesh Kumar; Janvi Raval; Krishna Mohan Singh; Madhvi Joshi; Nitesh Shah; Nitin Savaliya; Ramesh Pandit; Sonal Sharma; Twinkle Soni; Umang Mishra; Zarna Patel; Zuber Saiyed
EPI_ISL_2964962, EPI_ISL_2965002, EPI_ISL_2965173, EPI_ISL_3933416	Pandemic Response Lab - NYC	Pandemic Response Lab, R&D	Cybill del Castillo; Dylan Law; Haiping Hao; Henry Lee; Isabel Fernandez Escapa; Jon Laurent; Katharine Nelson; Melissa Hopkins; Michael Hammerling; Pradeep Bugga; Shinyoung Clair Kang; Sol Rey; William Ward
EPI_ISL_3006985, EPI_ISL_3006986, EPI_ISL_3006991, EPI_ISL_3007139, EPI_ISL_3007140, EPI_ISL_3007144	Pandit Raghunath Murmu Medical College, Baripada	Institute of Life Sciences - INSACOG	Ajay Parida; Amol M. Kanampalliwar; Arup Ghosh; Atimukta Jha; INSACOG Consortium; Omprakash Shiriwas; Punit Prasad; Rajeeb Swain; Rupesh Dash; Safal Wallia; Sana Fatma; Shifu Aggarwal; Sunil K. Raghav
EPI_ISL_3187787, EPI_ISL_3187860, EPI_ISL_3190859, EPI_ISL_3190860, EPI_ISL_3195311, EPI_ISL_3195312, EPI_ISL_3195313, EPI_ISL_3195314, EPI_ISL_3195315, EPI_ISL_3195316, EPI_ISL_3195319, EPI_ISL_3195345, EPI_ISL_3195354, EPI_ISL_3195375, EPI_ISL_3195398, EPI_ISL_3196952, EPI_ISL_3196960, EPI_ISL_3196961, EPI_ISL_3199031, EPI_ISL_3199032, EPI_ISL_3199033, EPI_ISL_3199034, EPI_ISL_3199035, EPI_ISL_3199036, EPI_ISL_3199037, EPI_ISL_3199038, EPI_ISL_3199039, EPI_ISL_3879132, EPI_ISL_3886190, EPI_ISL_3886249, EPI_ISL_3886293, EPI_ISL_3886309, EPI_ISL_3886345, EPI_ISL_3889584, EPI_ISL_3889651, EPI_ISL_3889790, EPI_ISL_3889817, EPI_ISL_3889860, EPI_ISL_3889861, EPI_ISL_3889876, EPI_ISL_3889900, EPI_ISL_3889903, EPI_ISL_3889905, EPI_ISL_3890236, EPI_ISL_3890264, EPI_ISL_3890301, EPI_ISL_3890316, EPI_ISL_3890329, EPI_ISL_3890332, EPI_ISL_3890354, EPI_ISL_3890357, EPI_ISL_3890358, EPI_ISL_3890405, EPI_ISL_3890411, EPI_ISL_3890425, EPI_ISL_3890459, EPI_ISL_3890491, EPI_ISL_3890495, EPI_ISL_3890530, EPI_ISL_3892200, EPI_ISL_3892283, EPI_ISL_3892450, EPI_ISL_3892524, EPI_ISL_3892548, EPI_ISL_3892559, EPI_ISL_3892567, EPI_ISL_3892590, EPI_ISL_3892607, EPI_ISL_3892614, EPI_ISL_3894943, EPI_ISL_3898709, EPI_ISL_3898728, EPI_ISL_3898743, EPI_ISL_3898778, EPI_ISL_3898782, EPI_ISL_3901497, EPI_ISL_3901550, EPI_ISL_3904477, EPI_ISL_3904499, EPI_ISL_3904506			
see above	Pathogen Genomics Center, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Kentaro Itokawa; Makoto Kuroda; Masanori Hashino; Rina Tanaka; Tsuyoshi Sekizuka
EPI_ISL_2993496, EPI_ISL_2993728, EPI_ISL_2993797, EPI_ISL_3050151, EPI_ISL_3050156, EPI_ISL_3050159	Pathology, UAB	Pathology, UAB	E.J.; Hendrickson; Hernandez, J.; Leal; Lefkowitz; Moates, D.; R.C.; S.M.
EPI_ISL_3006831, EPI_ISL_3006832, EPI_ISL_3006833, EPI_ISL_3006834, EPI_ISL_3006835, EPI_ISL_3006838, EPI_ISL_3006839, EPI_ISL_3006841, EPI_ISL_3006842, EPI_ISL_3006843, EPI_ISL_3006846, EPI_ISL_3006849, EPI_ISL_3006852, EPI_ISL_3006864, EPI_ISL_3006866, EPI_ISL_3006872, EPI_ISL_3006873, EPI_ISL_3006878			
see above	Patliputra Medical College & Hospital (PMCH), Dhanbad	Institute of Life Sciences - INSACOG	Ajay Parida; Amol M. Kanampalliwar; Arup Ghosh; Atimukta Jha; INSACOG Consortium; Omprakash Shiriwas; Punit Prasad; Rajeeb Swain; Rupesh Dash; Safal Wallia; Sana Fatma; Shifu Aggarwal; Sunil K. Raghav
EPI_ISL_3015308, EPI_ISL_3015309, EPI_ISL_3015311, EPI_ISL_3015313, EPI_ISL_3015314	Patna Medical College, Patna	Institute of Life Sciences - INSACOG	Ajay Parida; Amol M. Kanampalliwar; Arup Ghosh; Atimukta Jha; INSACOG Consortium; Omprakash Shiriwas; Punit Prasad; Rajeeb Swain; Rupesh Dash; Safal Wallia; Sana Fatma; Shifu Aggarwal; Sunil K. Raghav
EPI_ISL_3122882, EPI_ISL_3122883, EPI_ISL_3122884, EPI_ISL_3122886, EPI_ISL_3122887, EPI_ISL_3122888, EPI_ISL_3122889, EPI_ISL_3122890, EPI_ISL_3122892, EPI_ISL_3122893, EPI_ISL_3122896, EPI_ISL_3122898			
see above	Perinatal Center	WHO National Influenza Centre Russian Federation	Alexey Masharsky; Andrey Komissarov; Artem Fadeev; Daria Danilenko; Dmitry Lioznov; Elena Nabieva; Georgii Bazkyin; Kirill Varchenko; Ksenia Safina; Kseniya Komissarova; Maria Baturova; Maria Pisareva; Mikhail Bakaev; Nikita Yolshin; Oula Mansour; Tamila Musaeva; Veronika Eder
EPI_ISL_3123019, EPI_ISL_3123020, EPI_ISL_3123021, EPI_ISL_3123022	Petropavlosk-Kamchatsky City Polyclinic No 1	WHO National Influenza Centre Russian Federation	Alexey Masharsky; Andrey Komissarov; Artem Fadeev; Daria Danilenko; Dmitry Lioznov; Elena Nabieva; Georgii Bazkyin; Kirill Varchenko; Ksenia Safina; Kseniya Komissarova; Maria Baturova; Maria Pisareva; Mikhail Bakaev; Nikita Yolshin; Oula Mansour; Tamila Musaeva; Veronika Eder

EPI_ISL_3123025	Petropavlosk-Kamchatsky City Polyclinic No 2	WHO National Influenza Centre Russian Federation	Alexey Masharsky; Andrey Komissarov; Artem Fadeev; Daria Danilenko; Dmitry Lioznov; Elena Nabieva; Georgii Bazynkin; Kirill Varchenko; Ksenia Safina; Kseniya Komissarova; Maria Baturova; Maria Pisareva; Mikhail Bakaev; Nikita Yolsin; Oula Mansour; Tamila Musaeva; Veronika Eder
EPI_ISL_3123017, EPI_ISL_3123018, EPI_ISL_3123027, EPI_ISL_3123028, EPI_ISL_3123029, EPI_ISL_3123030	Petropavlosk-Kamchatsky City Polyclinic No 3	WHO National Influenza Centre Russian Federation	Alexey Masharsky; Andrey Komissarov; Artem Fadeev; Daria Danilenko; Dmitry Lioznov; Elena Nabieva; Georgii Bazynkin; Kirill Varchenko; Ksenia Safina; Kseniya Komissarova; Maria Baturova; Maria Pisareva; Mikhail Bakaev; Nikita Yolsin; Oula Mansour; Tamila Musaeva; Veronika Eder
EPI_ISL_2956541	Philipps-Universität Marburg Fachbereich Medizin Institut für Virologie	Robert Koch Institute	
EPI_ISL_3406997	Phra Nang Klao Hospital	National Institute of Health, Department of Medical Sciences, Ministry of Public Health, Thailand	; Natchaya Khiahsang; Nuttida Thongpramul; Pakorn Piromtong; Pilailuk Okada; Ratana Tacharoenmuang; Siripaporn Phuyung; Sittiporn Parmnen; Sunthareeya Waicharoen; Thanutsapa Thanadachakul; Warawan Wongboot; sirikanda wimol
EPI_ISL_3061977, EPI_ISL_3061987	Plateforme de testing Namuroise	Plateforme de testing Namuroise	Degossier Jonathan; Demars Aurore; Denis Olivier; Lesly Nyinkeu Kemamen; Maschietto Céline; Mullier François; Nobis Chloé; Otto Gaetan
EPI_ISL_3120105	Policlinico Ponte S. Pietro	Laboratory of Clinical Microbiology, Virology and Bioemergencies, ASST Fatebenefratelli Sacco - Sacco Hospital	Valeria Micheli
EPI_ISL_3120107	Policlinico San Donato	Laboratory of Clinical Microbiology, Virology and Bioemergencies, ASST Fatebenefratelli Sacco - Sacco Hospital	Valeria Micheli
EPI_ISL_3031389, EPI_ISL_3031390, EPI_ISL_3031418, EPI_ISL_3031419	Port Health Clinic, Busia border point	USAMRD-A, Basic Science Laboratory	Alan Lemtudo; Beth Mutai; Brian Andika; Carol Kifude; Clement Masakwe; Eric Muthanje; Esther Omuseni; Faith Sigei; Gathii Kimita; George Awinda; John Waitumbi; Josphat Nyataya; Rachel Githii; Rehema Liyai; Stephen Ochola
EPI_ISL_3665918, EPI_ISL_3665920, EPI_ISL_3665922, EPI_ISL_3665925, EPI_ISL_3665929, EPI_ISL_3665930, EPI_ISL_3946185	see above	Child Health Research Foundation	CHRF Bangladesh Genomics Team; Dr. Zaheed Husain; Shafiul Azam
EPI_ISL_4056014	Primasatya Husada Citra Hospital	Institute of Tropical Disease, Universitas Airlangga	Aldise M Nastri; Gatot Soegiarto; Jezy R Dewantari; Kazufumi Shimizu; Kohar Hari Santoso; Krisnoadi Rahardjo; Laksmi Wulandari; Maria I Lusida; Resti Yudhawati; Rima R Prasetya; Soetjipto; Yasuko Mori
EPI_ISL_3373680	Provincial Public Health Reference Laboratory (PPHRL)	Provincial Public Health Reference Laboratory (PPHRL)	; Andleeb Hanif; Asim Altaf; Hassan Nawaz; Mariam Javed
EPI_ISL_3009467, EPI_ISL_3009471, EPI_ISL_3009472, EPI_ISL_3009473, EPI_ISL_3009474, EPI_ISL_3009476, EPI_ISL_3009477, EPI_ISL_3009478, EPI_ISL_3009479, EPI_ISL_3009480, EPI_ISL_3009481, EPI_ISL_3009482, EPI_ISL_3009483, EPI_ISL_3009485, EPI_ISL_3009486, EPI_ISL_3009488, EPI_ISL_3009489, EPI_ISL_3009490, EPI_ISL_3009491, EPI_ISL_3009492, EPI_ISL_3009493, EPI_ISL_3009494, EPI_ISL_3009496, EPI_ISL_3009498, EPI_ISL_3009500, EPI_ISL_3009502, EPI_ISL_3009503, EPI_ISL_3009504, EPI_ISL_3009506, EPI_ISL_3009507, EPI_ISL_3009508, EPI_ISL_3009512, EPI_ISL_3009513, EPI_ISL_3009515, EPI_ISL_3009516, EPI_ISL_3009517, EPI_ISL_3009518, EPI_ISL_3009519, EPI_ISL_3009520, EPI_ISL_3009521, EPI_ISL_3009522, EPI_ISL_3009523, EPI_ISL_3009524, EPI_ISL_3009525, EPI_ISL_3009526, EPI_ISL_3009528, EPI_ISL_3009529, EPI_ISL_3009530, EPI_ISL_3009531, EPI_ISL_3009532, EPI_ISL_3009533, EPI_ISL_3009534, EPI_ISL_3009535, EPI_ISL_3009536, EPI_ISL_3009537, EPI_ISL_3009538, EPI_ISL_3009539, EPI_ISL_3009541, 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see above	Pt. Jawahar Lal Nehru Memorial Medical College, Raipur	Institute of Life Sciences - INSACOG	Ajay Parida; Amol M. Kanampalliwar; Arup Ghosh; Atimutika Jha; INSACOG Consortium; Omprakash Shirwas; Punil Prasad; Rajeeb Swain; Rupesh Dash; Safal Wallia; Sana Fatma; Shifu Aggarwal; Sunil K. Raghav
EPI_ISL_3229335	Public Health Authority of the Slovak Republic	Laboratory of Genomics and Bioinformatics, Comenius University Science Park	Anna Gicová; Diana Rusňáková; Jakub Styk; Jaroslav Budí; Miroslav Böhm; Tatiana Sedláčková; Tomáš Szemes
EPI_ISL_3921596	Public Health Authority of the Slovak Republic	Public Health Authority of the Slovak Republic	Anna Gicová; Barbora Kotvasová; Elena Tichá; Lucia Ševčíková; Miroslav Böhm; Pavol Mišenko; Terézia Vrabčová; Tomáš Szemes
EPI_ISL_3826755, EPI_ISL_3826756, EPI_ISL_3826757, EPI_ISL_3826758	Public Health Service Center 13 Maitree Vanich	Division of Genomic Medicine and Innovation support, Department of Medical Sciences, Ministry of Public Health, Thailand	Archawin Rojanawitwat; Jirapha Pakdee; Natthakul Bunneang; Nuanjun Wichukchinda; Penpittha Thawong; Pilailuk Akkapaiboon Okada; Pundharika Piboonsiri; Surakameth Mahasirimongkol; Waritta Sawaengdee
EPI_ISL_3826752, EPI_ISL_3826753, EPI_ISL_3826754	Public Health Service Center 15 Lat Phrao	Division of Genomic Medicine and Innovation support, Department of Medical Sciences, Ministry of Public Health, Thailand	Archawin Rojanawitwat; Jirapha Pakdee; Natthakul Bunneang; Nuanjun Wichukchinda; Penpittha Thawong; Pilailuk Akkapaiboon Okada; Pundharika Piboonsiri; Surakameth Mahasirimongkol; Waritta Sawaengdee
EPI_ISL_3030043	Puskesmas Hantara	Eijkman Institute for Molecular Biology, National Research and Innovation Agency; West Java Health Laboratory	Amin Soebandrio; Azzania Fibrani; Cut Nur Cinthia Alamanda; Edison Johar; Ema Rahmawati; Frilasita A Yudhaputri; Hidayat Trimarsanto; Iskandar Adnan; Khin Saw Myint; Lidwina Priliani; Lydia V. Panggalo; Muhammad Rezki Rasyak; Rifky Waluyajati Rachman; Ryan Bayusantika Ristandi; Safarina G Malik; Sukma Oktavianthi; Willy Augustine
EPI_ISL_3030042	Puskesmas Luragung	Eijkman Institute for Molecular Biology, National Research and Innovation Agency; West Java Health Laboratory	Amin Soebandrio; Azzania Fibrani; Cut Nur Cinthia Alamanda; Edison Johar; Ema Rahmawati; Frilasita A Yudhaputri; Hidayat Trimarsanto; Iskandar Adnan; Khin Saw Myint; Lidwina Priliani; Lydia V. Panggalo; Muhammad Rezki Rasyak; Rifky Waluyajati Rachman; Ryan Bayusantika Ristandi; Safarina G Malik; Sukma Oktavianthi; Willy Augustine
EPI_ISL_3030040	Puskesmas Pakutandang	Eijkman Institute for Molecular Biology, National Research and Innovation Agency; West Java Health Laboratory	Amin Soebandrio; Azzania Fibrani; Cut Nur Cinthia Alamanda; Edison Johar; Ema Rahmawati; Frilasita A Yudhaputri; Hidayat Trimarsanto; Iskandar Adnan; Khin Saw Myint; Lidwina Priliani; Lydia V. Panggalo; Muhammad Rezki Rasyak; Rifky Waluyajati Rachman; Ryan Bayusantika Ristandi; Safarina G Malik; Sukma Oktavianthi; Willy Augustine
EPI_ISL_3188946	RAILWAY HOSPITAL	INSACOG-KA, NIMHANS	Ananthapadmanabha Kotambali; Anita S Desai; Anson Kunjumon George; Chetan G K; Chitra Pattabiraman; Darshan Sreenivas; Ellango Ramasamy; Gautham Arunachal Udupi; Mahesh Kumar.C.S; Sony Sharma; V Ravi
EPI_ISL_3154283, EPI_ISL_3154284, EPI_ISL_3154285, EPI_ISL_3154286, EPI_ISL_3154288, EPI_ISL_3154289	REUNILAB	UMK PIMIT	Dr Camille Lebarbenchon; Dr David A Wilkinson; Dr Patrick Mavingu; Magali Turpin; Marie-Alice Simbi
EPI_ISL_2965759	RS Advent Bandar Lampung	National Institute of Health Research and Development	Arie Ardiansyah Nugraha; Fajar Nur Sulistiyohadi; Hana Aparsi Pawestri; Hartanti Dian Ikawati; Kartika Dewi Puspa; Krisna Pangesti; Nelly Puspandari; Subangkit; Triyani Soekarso; Vivi Setiawaty
EPI_ISL_2964919, EPI_ISL_2964920, EPI_ISL_2964921	RS DR. OEN KANDANG SAPI SOLO	Genetics Working Group (Pokja Genetik) Faculty of Medicine, Public Health and Nursing Universitas Gadjah Mada (FK-KMK UGM); Disease Investigation Center Wates Ministry of Agriculture Indonesia; Department of Microbiology FK-KMK UGM; Laboratorium Diagnostik Yayasan Tjahja World Mosquito Program (WMP) Yogyakarta Center for Tropical Medicine FK-KMK UGM; Integrated Research Center FK-KMK UGM; Department of Computer Science and Electronics FMIPA UGM; RSUP Dr. Sardjito	Afiayahati; Alvina A Setiawan; Cita S Amalia; Dwi AA Nugrahaningsih; Dwi Indaryati; Dyah A Puspitarani; Edwin W. Daniwijaya; Eggi Arguni; Endah Supriyati; Gunadi; Hendra Wibawa; Indarto Sulistiyono; Khanza a Vujira; Kristy Iskandar; Ludhang P. Rizki; Marcellus; Mohamad S. Hakim; Nungki Anggorowati; Pramesti G Dewi; Siswanto; Susan Simanjaya; Titik Nuryastuti; Tri Wibawa
EPI_ISL_4090559, EPI_ISL_4090560	RS Karakau Medika	National Institute of Health Research and Development	Arie Ardiansyah Nugraha; Fajar Nur; Hana Aparsi Pawestri; Hartanti Dian Ikawati; Kartika Dewi Puspa; Krisna Pangesti; Nelly Puspandari; Subangkit; Sulistiyohadi; Triyani Soekarso; Vivi Setiawaty
EPI_ISL_4004705	RS Khusus Paru Kabupaten Karawang	National Research and Innovation Agency (BRIN-Indonesia, VenomCoV Project Team); West Java Health Laboratory	Ahmad Fathoni; Anggia Prasetyoputri; Anik B. Dharmayanthi; Asep M. Ridwanulloh; Azzania Fibrani; Cut Nur Cinthia Alamanda; Ema Rahmawati; Hariyanti; Karimatu Khoirunnisa; Miftahul Farid; Rathi A. Ningrum; Rifki Sadikin; Rifky Waluyajati Rachman; Rini Robiani; Ryan Bayusantika Ristandi; Sugiyono Saputra; Syam B. Iryanto
EPI_ISL_3070963	RS Mitra Kasih	Eijkman Institute for Molecular Biology, National Research and Innovation Agency; West Java Health Laboratory	Amin Soebandrio; Azzania Fibrani; Cut Nur Cinthia Alamanda; Edison Johar; Ema Rahmawati; Frilasita A Yudhaputri; Hidayat Trimarsanto; Iskandar Adnan; Khin Saw Myint; Lidwina Priliani; Lydia V. Panggalo; Muhammad Rezki Rasyak; Rifky Waluyajati Rachman; Ryan Bayusantika Ristandi; Safarina G Malik; Sukma Oktavianthi; Willy Augustine
EPI_ISL_2987600, EPI_ISL_2987602	RS Mitra Keluarga	National Institute of Health Research and Development	Arie Ardiansyah Nugraha; Fajar Nur Sulistiyohadi; Hana Aparsi Pawestri; Hartanti Dian Ikawati; Kartika Dewi Puspa; Krisna Pangesti; Nelly Puspandari; Subangkit; Triyani Soekarso; Vivi Setiawaty
EPI_ISL_3030051	RS Muhammadiyah Bandung, Dinas Kesehatan Kota Bandung	Eijkman Institute for Molecular Biology, National Research and Innovation Agency; West Java Health Laboratory	Ade Fany Safitri; Amin Soebandrio; Azzania Fibrani; Cut Nur Cinthia Alamanda; Edison Johar; Ema Rahmawati; Frilasita A Yudhaputri; Hidayat Trimarsanto; Husna Nugrahapraja; Iskandar Adnan; Khin Saw Myint; Lidwina Priliani; Lydia V. Panggalo; Muhammad Rezki Rasyak; Ranza Fadhill Pratama; Rifky Waluyajati Rachman; Ryan Bayusantika Ristandi; Safarina G Malik; Sukma Oktavianthi; Tati Sutarti Sastrowiyo; Willy Augustine
EPI_ISL_2987634	RS Premier Surabaya	National Institute of Health Research and Development	Arie Ardiansyah Nugraha; Fajar Nur Sulistiyohadi; Hana Aparsi Pawestri; Hartanti Dian Ikawati; Kartika Dewi Puspa; Krisna Pangesti; Nelly Puspandari; Subangkit; Triyani Soekarso; Vivi Setiawaty
EPI_ISL_2965787, EPI_ISL_2965788	RS Prima Husada Cipta	National Institute of Health Research and Development	Arie Ardiansyah Nugraha; Fajar Nur Sulistiyohadi; Hana Aparsi Pawestri; Hartanti Dian Ikawati; Kartika Dewi Puspa; Krisna Pangesti; Nelly Puspandari; Subangkit; Triyani Soekarso; Vivi Setiawaty

EPI_ISL_3279414	RS Universitas Brawijaya	Institute of Tropical Disease, Universitas Airlangga	Aldise M Nastri; Gatot Soegiarto; Jezzy R Dewantari; Kazufumi Shimizu; Krisnoadi Rahardjo; Laksmi Wulandari; Maria I Lusida; Resti Yudhawati; Rima R Prasetya; Soetjipto; Sri Andarini; Yasuko Mori	
EPI_ISL_3138863, EPI_ISL_3138865	RS Universitas Brawijaya	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_3730776, EPI_ISL_3730782	RSAB HARAPAN KITA	Genomik Solidaritas Indonesia Laboratorium	Anna Christina Brazia; Annisa Muthiah Sukirman; Anuraj Shankar; Ariel Pradipta; Dhahlia Agustina Cahyono; Dwi Oktavia; Gracia Felias Enos Korompis; Louisa Markus; Meutia Ayuputeri Kumaheri; Ngabila Salama; Reinhart Gabriel; Tiranti Vindha; Vania Gavriila Wikasa	
EPI_ISL_2987603, EPI_ISL_2987607, EPI_ISL_2987609	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_3945456	RSPI PROF DR. SULIANTI SAROSO, RS	Genomik Solidaritas Indonesia Laboratorium	Anna Christina Brazia; Annisa Muthiah Sukirman; Anuraj Shankar; Ariel Pradipta; David Hendra Haryanto; Dhahlia Agustina Cahyono; Dwi Oktavia; Gracia Felias Enos Korompis; Louisa Markus; Meutia Ayuputeri Kumaheri; Ngabila Salama; Pratiwi Srikandi Yudhastari; Reinhart Gabriel; Teguh Sarry Hartono; Tiranti Vindha; Vania Gavriila Wikasa	
EPI_ISL_3138805	RSPI Sulianti Saroso	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_2987611	RSU Hermina 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_3691574	RSU Siloam, Bekasi	National Institute of Health Research and Development	Arie Ardiansyah Nugraha; Hana Apsari Pawestri; Hartanti Dian Ikawati; Kartika Dewi Puspa; Krisna Pangesti; Nelly Puspandari; Subangkit; Triyani Soekarso; Vivi Setiawaty	
EPI_ISL_3216532, EPI_ISL_3216534, EPI_ISL_3216535, EPI_ISL_3216537, EPI_ISL_3216538, EPI_ISL_3216540	RSUD Arifin Achmad	National Institute of Health Research and Development	Arie Ardiansyah Nugraha; Fajar Nur Sulistiyohadi; Fajri Marindra; Hana Apsari Pawestri; Hartanti Dian Ikawati; Kartika Dewi Puspa; Krisna Pangesti; Nelly Puspandari; Subangkit; Triyani Soekarso; Vivi Setiawaty	
EPI_ISL_3216565	RSUD Brebes	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_2964943, EPI_ISL_2964944	RSUD DR. MOEWARDI	Genetics Working Group (Pokja Genetik) Faculty of Medicine, Public Health and Nursing Universitas Gadjah Mada (FK-KMK UGM); Disease Investigation Center Wates Ministry of Agriculture Indonesia; Department of Microbiology FK-KMK UGM; Laboratorium Diagnostik Yayasan Tahiya World Mosquito Program (WMP) Yogyakarta Center for Tropical Medicine FK-KMK UGM; Integrated Research Center FK-KMK UGM; Department of Computer Science and Electronics FMIPA UGM; RSUP Dr. Sardjito	Afiahayati; Dwi AA Nugrahaningsih; Dwi Indaryati; Dyah A Puspitarani; Edwin W. Daniwijaya; Eggi Arguni; Endah Supriyati; Gunadi; Hendra Wibawa; I Putu Aditio A; Indarto Sulistiyono; Kristy Iskandar; Ludhang P. Rizki; Marcellus; Mohamad S. Hakim; Nungki Anggorowati; Pramesti G Dewi; Siswanto; Susan Simanjaya; Titik Nuryastuti; Tri Wibawa	
EPI_ISL_4004659, EPI_ISL_4004663, EPI_ISL_4004664, EPI_ISL_4004667, EPI_ISL_4004668, EPI_ISL_4004669, EPI_ISL_4004671	see above	RSUD Dr. Slamet Garut	National Research and Innovation Agency (BRIN-Indonesia, VenomCoV Project Team); West Java Health Laboratory	Anik B. Dharmayanthi; Azzania Fibriani; Cut Nur Cinthia Alamanda; Ema Rahmawati; Indriawati; Karimatu Khoirunnisa; Listiana Oktavia; Masrukhin; Miftahul Faridi; Ratih A. Ningrum; Rifky Waluyajati Rachman; Rini Robiani; Ryan Bayusantika Ristandi; Sugiyono Saputra; Syaiful Rizal; Syam B. Iryanto
EPI_ISL_2987658, EPI_ISL_2987660, EPI_ISL_3019945, EPI_ISL_3151605, EPI_ISL_3151606, EPI_ISL_3151613, EPI_ISL_3151626, EPI_ISL_3151627, EPI_ISL_3151633, EPI_ISL_3151646, EPI_ISL_3151652, EPI_ISL_3151665, EPI_ISL_3151666, EPI_ISL_3151673, EPI_ISL_3278296	see above	RSUD Dr. W.Z. Johannes kupang	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_2987631, EPI_ISL_3216587, EPI_ISL_3216588, EPI_ISL_3216589, EPI_ISL_3216591, EPI_ISL_3216592, EPI_ISL_3216593, EPI_ISL_3216594	see above	RSUD KRMT Wongsonegoro	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_2987591	RSUD Kabupaten Buleleng	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_4004706, EPI_ISL_4004707, EPI_ISL_4004708, EPI_ISL_4004709, EPI_ISL_4004710, EPI_ISL_4004713, EPI_ISL_4004717	see above	RSUD Pelabuhan Ratu Sukabumi	National Research and Innovation Agency (BRIN-Indonesia, VenomCoV Project Team); West Java Health Laboratory	Ahmad Fathoni; Anggia Prasetyoputri; Anik B. Dharmayanthi; Asep M. Ridwanulloh; Azzania Fibriani; Cut Nur Cinthia Alamanda; Ema Rahmawati; Hariyatun; Herjuno Ari Nugroho; Indriawati; Isa Nuryana; Karimatu Khoirunnisa; Karimatu Khoirunnisa Rifki Sadikin; Masrukhin; Miftahul Faridi; Puspita Lisdianti; Rath A. Ningrum; Rifki Sadikin; Rifky Waluyajati Rachman; Rini Robiani; Ryan Bayusantika Ristandi; Sugiyono Saputra; Suvia Widyaningrum; Syaiful Rizal; Syam B. Iryanto; rath A. Ningrum
EPI_ISL_3216548, EPI_ISL_3216550, EPI_ISL_3216551, EPI_ISL_3216552, EPI_ISL_3216553, EPI_ISL_3691573	RSUD Provinsi Nusa Tenggara Barat	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_3151607, EPI_ISL_3151614, EPI_ISL_3151628, EPI_ISL_3151634, EPI_ISL_3151648, EPI_ISL_3151667, EPI_ISL_3151674	see above	RSUD Provinsi Papua Barat	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_3138942	RSUD Tarakan	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_2987625, EPI_ISL_2987626, EPI_ISL_2987627, EPI_ISL_2987628	RSUD dr Slamet Garut	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_3216524, EPI_ISL_3216527, EPI_ISL_3216529, EPI_ISL_3216531	RSUD dr Soehadi Prijonegoro Sragen	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_3279413	RSUD dr. Soedarsono	Institute of Tropical Disease, Universitas Airlangga	Aldise M Nastri; Gatot Soegiarto; Jezzy R Dewantari; Kazufumi Shimizu; Krisnoadi Rahardjo; Laksmi Wulandari; M Burhan; Maria I Lusida; Resti Yudhawati; Rima R Prasetya; Soetjipto; Yasuko Mori	
EPI_ISL_3267187	RSUD dr. Soegiri Lamongan	Institute of Tropical Disease, Universitas Airlangga	Aldise M Nastri; Gatot Soegiarto; Jezzy R Dewantari; Kazufumi Shimizu; Krisnoadi Rahardjo; Laksmi Wulandari; M Chaidir Annas; Maria I Lusida; Resti Yudhawati; Rima R Prasetya; Soetjipto; Yasuko Mori	
EPI_ISL_3138918, EPI_ISL_3138919, EPI_ISL_3138920, EPI_ISL_3138922, EPI_ISL_3138923, EPI_ISL_3138924	RSUP Dr Kariadi Semarang	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_3138946	RSUP Nasional Dr. Cipto Mangunkusumo	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_2987585, EPI_ISL_2987588, EPI_ISL_2987589	RSUP Sanglah	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_3453376, EPI_ISL_3453440, EPI_ISL_3453588, EPI_ISL_3453590, EPI_ISL_3453598, EPI_ISL_3453836, EPI_ISL_3453837	see above	RUHS College of Medical Sciences	CSIR-Centre for Cellular and Molecular Biology - INSACOG	Amareshwar Vodapalli; Ara Sreenivas; Archana Bharadwaj Siva; B Himasri; Divya Tej Sowpati; Dr. Gaurav Dalela; Dr. Jitendra Panda; Dr. Nilofer Khayyam; Dr. Raja Babu Panwar; Dr. Rajeev Gupta; Dr. Ramesh Sharma; Dr. Sonali Sharma; Dr. Sudhanshu Kacker; Dr. Vaseem Naheed Baig; Jandhyala Sai Krishna; Karthik Bharadwaj Tallapaka; Lamuk Zaveri; Onkar Kulkarni; Payel Mukherjee; Priya Nurkuthy; Rakesh K Mishra; Shreekanth Verma; Sofia Banu; Sumedha Avadhanula; Tulasi Nagabandi; Valli Nagalakshmi Undamatta; Vidhyadhari Methuku
EPI_ISL_4091419, EPI_ISL_4091421, EPI_ISL_4091422, EPI_ISL_4091423, EPI_ISL_4091427, EPI_ISL_4091435	Rajendra Institute of Medical Sciences, Ranchi	Institute of Life Sciences - INSACOG	Ajay Parida; Amol M. Kanampalliwar; Arup Ghosh; Atimukta Jha; INSACOG Consortium; Punit Prasad; Rajeeb Swain; Rupesh Dash; Safal Walia; Sana Fatma; Shifu Aggarwal; Sunil K. Raghav	
EPI_ISL_3015294, EPI_ISL_3015295, EPI_ISL_3015296, EPI_ISL_3015297, EPI_ISL_3015298, EPI_ISL_3015299, EPI_ISL_3015300, EPI_ISL_3015303, EPI_ISL_3015305	see above	Rajendra Memorial Research Institute of Medical Sciences, Patna	Institute of Life Sciences - INSACOG	Ajay Parida; Amol M. Kanampalliwar; Arup Ghosh; Atimukta Jha; INSACOG Consortium; Omprakash Shiriwasi; Punit Prasad; Rajeeb Swain; Rupesh Dash; Safal Walia; Sana Fatma; Shifu Aggarwal; Sunil K. Raghav
EPI_ISL_3007061, EPI_ISL_3007064, EPI_ISL_3007065, EPI_ISL_3007071, EPI_ISL_3007072, EPI_ISL_3007074, EPI_ISL_3007077, EPI_ISL_3007080, EPI_ISL_3007084, EPI_ISL_3007085, EPI_ISL_3007090, EPI_ISL_3007091, EPI_ISL_3007094, EPI_ISL_3008079, EPI_ISL_3008080, EPI_ISL_3008081, EPI_ISL_3008082, EPI_ISL_3008083, EPI_ISL_3008084, EPI_ISL_3008086, EPI_ISL_3008087, EPI_ISL_3008091, EPI_ISL_3008092, EPI_ISL_3008093, EPI_ISL_3008094, EPI_ISL_3008098, EPI_ISL_3008099, EPI_ISL_3008102, EPI_ISL_3008104, EPI_ISL_3015462, EPI_ISL_3015463, EPI_ISL_3015464, EPI_ISL_3015465, EPI_ISL_3015466, EPI_ISL_3015467, EPI_ISL_3015468, EPI_ISL_3015469, EPI_ISL_3015470, EPI_ISL_3015471, EPI_ISL_3015472, EPI_ISL_3015473, EPI_ISL_3015474, EPI_ISL_3015476, EPI_ISL_3015477, EPI_ISL_3015478, EPI_ISL_3015479, EPI_ISL_3015480, EPI_ISL_3015481, EPI_ISL_3015482, EPI_ISL_3015483, EPI_ISL_3015484, EPI_ISL_3015485, EPI_ISL_3015486, EPI_ISL_3015487, EPI_ISL_3015488, EPI_ISL_3015489, EPI_ISL_3015490, EPI_ISL_3015491, EPI_ISL_3015492	see above	Regional Medical Research Center, Bhubaneswar	Institute of Life Sciences - INSACOG	Ajay Parida; Amol M. Kanampalliwar; Arup Ghosh; Atimukta Jha; INSACOG Consortium; Omprakash Shiriwasi; Punit Prasad; Rajeeb Swain; Rupesh Dash; Safal Walia; Sana Fatma; Shifu Aggarwal; Sunil K. Raghav
EPI_ISL_3038912	Regional Medical Science Center 2 Phitsanulok	National Institute of Health, Department of Medical Sciences, Ministry of Public Health, Thailand	; Natchaya Khiahsang; Nuttida Thongpramul; Pakorn Piromtong; Pilailuk Okada; Ratana Tacharoenmuang; Siripaporn Phuyugun; Sittiporn Parmmen; Sunthareeya Waicharoen; Thanutsapa Thanadachakul; Warawan Wongboot; sirikanda wimol	
EPI_ISL_3797059, EPI_ISL_3797060, EPI_ISL_3797061	Regional Medical Sciences Center 1/1 Chiang Rai	National Institute of Health, Department of Medical Sciences, Ministry of Public Health, Thailand	Archawin Rojanawiwat; Natchaya Khiahsang; Nuttida Thongpramul; Pakorn Piromtong; Pilailuk Okada; Ratana Tacharoenmuang; Siripaporn Phuyugun; Sittiporn Parmmen; Sunthareeya Waicharoen; Thanutsapa Thanadachakul; Warawan Wongboot; sirikanda wimol	

EPI_ISL_3038911	Regional Medical Sciences Center 10 Ubonratchathani	National Institute of Health, Department of Medical Sciences, Ministry of Public Health, Thailand	; Natchaya Khiahsang; Nuttida Thongpramul; Pakorn Piromtong; Pilailuk Okada; Ratana Tacharoenmuang; Siripaporn Phuyugun; Sittiporn Parmmen; Sunthareeya Waicharoen; Thanutsapa Thanadachakul; Warawan Wongboot; sirikanda wimol	
EPI_ISL_3826759	Regional Medical Sciences Center 6 Chonburi	Division of Genomic Medicine and Innovation support,Department of Medical Sciences, Ministry of Public Health, Thailand	Archawin Rojanawiwat; Jirapha Pakdee; Natthakul Bunneang; Nuanjun Wichukchinda; Penpitcha Thawong; Pilailuk Akkapaiboon Okada; Pundharika Piboonsiri; Surakameth Mahasirimongkol; Waritta Sawaengdee	
EPI_ISL_3402018, EPI_ISL_3590619	Regional Medical Sciences Center 6 Chonburi	National Institute of Health, Department of Medical Sciences, Ministry of Public Health, Thailand	; Natchaya Khiahsang; Nuttida Thongpramul; Pakorn Piromtong; Pilailuk Okada; Ratana Tacharoenmuang; Siripaporn Phuyugun; Sittiporn Parmmen; Sunthareeya Waicharoen; Thanutsapa Thanadachakul; Warawan Wongboot; sirikanda wimol	
EPI_ISL_3038910, EPI_ISL_3342069, EPI_ISL_3402020, EPI_ISL_3402021, EPI_ISL_3402022, EPI_ISL_3801324	Regional Medical Sciences Center 8 Udonthani	National Institute of Health, Department of Medical Sciences, Ministry of Public Health, Thailand	; Archawin Rojanawiwat; Natchaya Khiahsang; Natchaya Khiahsang; Nuttida Thongpramul; Pakorn Piromtong; Pilailuk Okada; Ratana Tacharoenmuang; Siripaporn Phuyugun; Sittiporn Parmmen; Sunthareeya Waicharoen; Thanutsapa Thanadachakul; Warawan Wongboot; sirikanda wimol	
EPI_ISL_3290116, EPI_ISL_3290117, EPI_ISL_3776103	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	COVID-19 Genomics UK (COG-UK) Consortium		PHE Covid Sequencing Team
EPI_ISL_3091566, EPI_ISL_3091570, EPI_ISL_3091571, EPI_ISL_3091572, EPI_ISL_3091573, EPI_ISL_3091574, EPI_ISL_3091575, EPI_ISL_3091576, EPI_ISL_3091577, EPI_ISL_3091580, EPI_ISL_3091581, EPI_ISL_3091582, EPI_ISL_3091592, EPI_ISL_3091595, EPI_ISL_3091596, EPI_ISL_3091597, EPI_ISL_3091601, EPI_ISL_3091602, EPI_ISL_3091603, EPI_ISL_3091604, EPI_ISL_3091606, EPI_ISL_3091609, EPI_ISL_3091612, EPI_ISL_3091613, EPI_ISL_3091615, EPI_ISL_3091617, EPI_ISL_3091621, EPI_ISL_3091623, EPI_ISL_3091624, EPI_ISL_3091626, EPI_ISL_3091627, EPI_ISL_3091631, EPI_ISL_3091633, EPI_ISL_3091634, EPI_ISL_3091635, EPI_ISL_3091636, EPI_ISL_3091637, EPI_ISL_3091638, EPI_ISL_3091640, EPI_ISL_3091646, EPI_ISL_3091648, EPI_ISL_3091651, EPI_ISL_3091653, EPI_ISL_3091654, EPI_ISL_3091656, EPI_ISL_3091658, EPI_ISL_3091659, EPI_ISL_3091660, EPI_ISL_3091661, EPI_ISL_3091662, EPI_ISL_3091663, EPI_ISL_3091664, EPI_ISL_3091666, EPI_ISL_3091668, EPI_ISL_3091669, EPI_ISL_3091670, EPI_ISL_3091671, EPI_ISL_3091672, EPI_ISL_3091673, EPI_ISL_3091674, EPI_ISL_3091676, EPI_ISL_3091683, EPI_ISL_3091686, EPI_ISL_3091689, EPI_ISL_3091693, EPI_ISL_3091695, EPI_ISL_3091696, EPI_ISL_3091698, EPI_ISL_3091703, EPI_ISL_3091704, EPI_ISL_3091706, EPI_ISL_3091707, EPI_ISL_3091708, EPI_ISL_3091711, EPI_ISL_3091713, EPI_ISL_3091716, EPI_ISL_3091720, EPI_ISL_3091721, EPI_ISL_3091722, EPI_ISL_3091727, EPI_ISL_3091729, EPI_ISL_3091734, EPI_ISL_3091736, EPI_ISL_3091738, EPI_ISL_3091739, EPI_ISL_3091742, EPI_ISL_3091743, EPI_ISL_3091744, EPI_ISL_3091745, EPI_ISL_3091747, EPI_ISL_3091749, EPI_ISL_3091750, EPI_ISL_3091752, EPI_ISL_3091755, EPI_ISL_3091756, EPI_ISL_3091758, EPI_ISL_3091760, EPI_ISL_3091766, EPI_ISL_3091768, EPI_ISL_3091769, EPI_ISL_3091770, EPI_ISL_3091775, EPI_ISL_3091782, EPI_ISL_3091783, EPI_ISL_3091784, EPI_ISL_3091785, EPI_ISL_3091786, EPI_ISL_3091787, EPI_ISL_3091788, EPI_ISL_3091791, EPI_ISL_3091792, EPI_ISL_3091793, EPI_ISL_3091794, EPI_ISL_3091798, EPI_ISL_3091799, EPI_ISL_3091800, EPI_ISL_3091803, EPI_ISL_3091805, EPI_ISL_3091808, EPI_ISL_3091810, EPI_ISL_3091812, EPI_ISL_3091814, EPI_ISL_3091826, EPI_ISL_3091829, EPI_ISL_3091830, EPI_ISL_3091834, EPI_ISL_3091836, EPI_ISL_3091840, EPI_ISL_3091844, EPI_ISL_3091845, EPI_ISL_3091852, EPI_ISL_3091853, EPI_ISL_3091854, EPI_ISL_3091858, EPI_ISL_3091859, EPI_ISL_3091861, EPI_ISL_3091864, EPI_ISL_3091865, EPI_ISL_3091866, EPI_ISL_3091867, EPI_ISL_3091868, EPI_ISL_3091870, EPI_ISL_3091875, EPI_ISL_3091876, EPI_ISL_3091877, EPI_ISL_3091881, EPI_ISL_3091883, EPI_ISL_3091884, EPI_ISL_3091885, EPI_ISL_3091888, EPI_ISL_3091893, EPI_ISL_3091894, EPI_ISL_3091898, EPI_ISL_3091899, EPI_ISL_3091900, EPI_ISL_3091923, EPI_ISL_3091925, EPI_ISL_3091926, EPI_ISL_3091929, EPI_ISL_3091930, EPI_ISL_3091931, EPI_ISL_3091932, EPI_ISL_3091936, EPI_ISL_3091939, EPI_ISL_3091942, EPI_ISL_3091946, EPI_ISL_3091948, EPI_ISL_3091949, EPI_ISL_3091951, EPI_ISL_3091953, EPI_ISL_3091958, EPI_ISL_3091959, EPI_ISL_3091961, EPI_ISL_3091963, EPI_ISL_3091964, EPI_ISL_3091966, EPI_ISL_3091972, EPI_ISL_3091973, EPI_ISL_3091974, EPI_ISL_3091979, EPI_ISL_3091984, EPI_ISL_3091987, EPI_ISL_3091993, EPI_ISL_3091995, EPI_ISL_3091997, EPI_ISL_3091998, EPI_ISL_3092000, EPI_ISL_3092003, EPI_ISL_3092004, EPI_ISL_3092008, EPI_ISL_3092009, EPI_ISL_3092014, EPI_ISL_3092018, EPI_ISL_3092023, EPI_ISL_3092024, EPI_ISL_3092025, EPI_ISL_3092028, EPI_ISL_3092030, EPI_ISL_3092031, EPI_ISL_3092033, EPI_ISL_3092034, EPI_ISL_3092035, EPI_ISL_3092037, EPI_ISL_3092038, EPI_ISL_3092039, EPI_ISL_3092040, EPI_ISL_3092053				
see above	Respiratory Viruses Branch, Centers for Disease Control and Prevention	Respiratory Viruses Branch, Centers for Disease Control and Prevention	Anderson, B.; Batra, D.; Bernstein, L.; C.R.; Caravas, J.; Cook; Gerasimova, A.; Gulvick, C.; Howard, D.; Hua, M.; I.A.; Kagan; Lachbawan, F.; Liu, Y.; Livingston, K.; MacCannell, D.; Morrison, S.; Moser, K.; Owen, R.; P.W.; Paden; Paskey, A.; Perez, A.; R.M.; R.V.; Rambo-Martin, B.; Rolando; Rosenthal; S.H.; Sammons, S.; Schmeer, M.; Shlyakhter; Tappaiboon, P.; Unoarumhi, Y.; Wagner, D.	
EPI_ISL_3372623	Richmond University Medical Center	New York City Public Health Laboratory	Jade Wang; et al.	
EPI_ISL_3375354, EPI_ISL_3375355, EPI_ISL_3375357, EPI_ISL_3375368, EPI_ISL_3375382	Rumah Sakit Universitas Tanjungpura	National Institute of Health Research and Development	Andriani; Arie Ardiansyah Nugraha; Delima Fajar Liana; Fajar Nur Sulistiyohadi; Hana Apsari Pawestri; Hartanti Dian Ikawati; Kartika Dewi Puspa; Krisna Pangesti; Nelly Puspandari; Puji Astuti; Puji Astuti Vivi Setiawaty; Soti Sifi Shofiyah; Subangkli; Triyani Soekarso; Virhan Novianry; Vivi Setiawaty	
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see above	S.C.B. Medical College and Hospital, Cuttack			
EPI_ISL_2957565, EPI_ISL_2957584, EPI_ISL_2957831, EPI_ISL_2957887, EPI_ISL_2957897, EPI_ISL_2957941, EPI_ISL_2957954, EPI_ISL_2957963, EPI_ISL_2958035, EPI_ISL_2958045, EPI_ISL_2958046, EPI_ISL_2958069, EPI_ISL_2958070, EPI_ISL_2958094, EPI_ISL_2958206, EPI_ISL_2958226, EPI_ISL_2958227, EPI_ISL_2958274, EPI_ISL_2958299, EPI_ISL_2958304, EPI_ISL_2958311, EPI_ISL_2958312, EPI_ISL_2958313, EPI_ISL_2958317, EPI_ISL_2958318, EPI_ISL_2958319, EPI_ISL_2958325, EPI_ISL_2958326, EPI_ISL_2958361, EPI_ISL_2958596, EPI_ISL_2986056, EPI_ISL_2986061, EPI_ISL_2986064, EPI_ISL_2986073, EPI_ISL_2986082, EPI_ISL_2986086, EPI_ISL_2986091, EPI_ISL_2986237, EPI_ISL_2986238, EPI_ISL_2986251, EPI_ISL_2986424, EPI_ISL_2986425, EPI_ISL_2986427, EPI_ISL_2986430, EPI_ISL_2986503, EPI_ISL_2986954, EPI_ISL_2986974, EPI_ISL_2986980, EPI_ISL_2986981	SARS-CoV-2 Sequencing Castilla y Leon-Spain Consortium	Antonio Orduña-Domingo; Carlos Fuster Foz; Carmen Aldea-Mansilla; Carmen Gimeno Crespo; David Abad; Gabriel March Rossello; Gregoria Megias Lobón; Jose Maria Eiros Bouza; Laura Sánchez de Prada; M. Isabel Fernandez-Natal; Marta Dominguez-Gil; Marta Hernandez; María Antonia García Castro; Mª Fe Brezmes-Valdivieso; Noelia Arenal Andrés; Silvia Rojo; Sonsoles Garcinuño Pérez		
see above	SARS-CoV-2 Sequencing Castilla y Leon-Spain Consortium			
EPI_ISL_3196953, EPI_ISL_3196954, EPI_ISL_3196965, EPI_ISL_3196966, EPI_ISL_3196967, EPI_ISL_3196968, EPI_ISL_3196969, EPI_ISL_3196970, EPI_ISL_3196971, EPI_ISL_3196972, EPI_ISL_3196973, EPI_ISL_3196974, EPI_ISL_3196975, EPI_ISL_3196976, EPI_ISL_3196977, EPI_ISL_3196978, EPI_ISL_3196979, EPI_ISL_3196980, EPI_ISL_3196981, EPI_ISL_3196982, EPI_ISL_3196983, EPI_ISL_3196984, EPI_ISL_3196985, EPI_ISL_3196986, EPI_ISL_3196987, EPI_ISL_3197017, EPI_ISL_3197021, EPI_ISL_3197023, EPI_ISL_3197024, EPI_ISL_3197025, EPI_ISL_3197026, EPI_ISL_3197027, EPI_ISL_3197028, EPI_ISL_3197029, EPI_ISL_3197031, EPI_ISL_3198032, EPI_ISL_3198033, EPI_ISL_3198034, EPI_ISL_3198035, EPI_ISL_3198036, EPI_ISL_3198037, EPI_ISL_3198038, EPI_ISL_3198039, EPI_ISL_3198040, EPI_ISL_3199760, EPI_ISL_3199761, EPI_ISL_3199763, EPI_ISL_3199764, EPI_ISL_3199765, EPI_ISL_3199767, EPI_ISL_3199768, EPI_ISL_3199769, EPI_ISL_3199770, EPI_ISL_3199771, EPI_ISL_3199772, EPI_ISL_3199773, EPI_ISL_3199774, EPI_ISL_3199775, EPI_ISL_3199776, EPI_ISL_3199777, EPI_ISL_3199778, EPI_ISL_3199779	Pathogen Genomics Center, National Institute of Infectious Diseases	Hazuka Y Furihata; Hiromizu Takahashi; Kentaro ItoKawa; Makoto Kuroda; Masanori Hashino; Masumichi Saito; Naomi Nojiri; Nozomu Hanaoka; Rina Tanaka; Tsuguto Fujimoto; Tsuyoshi Sekizuka		
see above	SARS-CoV-2 testing team, National Institute of Infectious Diseases			
EPI_ISL_3242444, EPI_ISL_3261040	SC (UCO) Igiene e Sanità Pubblica, ASUGI, Trieste	ARGO Laboratorio Genomica ed Epigenomica	Barbone F; Braida C; Busetti M; D'Agaro P; Dal Monego S; Degasperri M; Fontana F; Licastro D; Maggiore A; Marcello A; Piscianz E; Segat L	
EPI_ISL_2987036	SD Public Health Laboratory	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Alison Laufer Halpin; Ben L. Rambo-Martin; Clinton R. Paden; Dakota Howard; Darlene Wagner; Dave Wentworth; Dhwaní Badia; Jasmine Padilla; Justin Lee; Katie Dillon; Krista Queen; Kristen Knipe; Kristine Lacey; Mark Burroughs; Matthew Schmeer, Mili Sheth; Peter Cook; Sam Shepard; Sarah Nobles; Shoshona Lee; Suxiang Tong; Vivien Dugan; Yvette Unoarumhi	
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EPI_ISL_326056, EPI_ISL_326057, EPI_ISL_326058, EPI_ISL_326059, EPI_ISL_				

EPI_ISL_3063754, EPI_ISL_3063755, EPI_ISL_3063756	Universitario Doctor Peset		
EPI_ISL_3050258	Shah Alam Hospital	Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia	Anasir MI; Azizan MA; Kamel K; Mohd Zawawi Z; Ramly N; Robert F; Suppiah J; Thayan R
EPI_ISL_3015499	Shrinivas Center for Scientific Research and Development (SCSRD), Hazaribag	Institute of Life Sciences - INSACOG	Ajay Parida; Amol M. Kanampalliwar; Arup Ghosh; Atimutka Jha; INSACOG Consortium; Omprakash Shiriwas; Punit Prasad; Rajeeb Swain; Rupesh Dash; Safal Wallia; Sana Fatma; Shifu Aggarwal; Sunil K. Raghav
EPI_ISL_3957684	Siloam Hospital Lippo Village (SHLV)	Mochtar Riady Institute for Nanotechnology-Universitas Pelita Harapan; Eijkman Institute for Molecular Biology, National Research and Innovation Agency	Aksar C Lages; Amin Soebandrio; David Rustandi; Edison Johar; Febi Andriani; Frilasita A Yudhaputri; Hidayat Trimarsanto; Irawan Yusuf; Iskandar Adnan; Ivet M Suriapranata; Juandy Jo; Khin Saw Myint; Lidwina Priliani; Lydia V. Panggalo; Muhammad Rezki Rasyak; Rinaldy Kusuma; Riska N Taufik; Rury M Wahyuni; Safarina G Malik; Sukma Oktavianthi; Tandy Meriyanti; Tri Shinta Kurniasih; Willy Agustine; Young O Larasati
EPI_ISL_3957685, EPI_ISL_3957686	Siloam Hospital Mampang (SHMA)	Mochtar Riady Institute for Nanotechnology-Universitas Pelita Harapan; Eijkman Institute for Molecular Biology, National Research and Innovation Agency	Aksar C Lages; Amin Soebandrio; David Rustandi; Edison Johar; Febi Andriani; Frilasita A Yudhaputri; Hidayat Trimarsanto; Irawan Yusuf; Iskandar Adnan; Ivet M Suriapranata; Juandy Jo; Khin Saw Myint; Lidwina Priliani; Lydia V. Panggalo; Muhammad Rezki Rasyak; Rinaldy Kusuma; Riska N Taufik; Rury M Wahyuni; Safarina G Malik; Sukma Oktavianthi; Tandy Meriyanti; Tri Shinta Kurniasih; Willy Agustine; Young O Larasati
EPI_ISL_2960208, EPI_ISL_2960209, EPI_ISL_3552117, EPI_ISL_3552136	Simple Laboratories	Gagnon Lab, Southern Illinois University	Keith Gagnon
EPI_ISL_3843766, EPI_ISL_3843771, EPI_ISL_3843777, EPI_ISL_3843783, EPI_ISL_3843785, EPI_ISL_3843789, EPI_ISL_3843795, EPI_ISL_3843797, EPI_ISL_3843803, EPI_ISL_3843807, EPI_ISL_3843821, EPI_ISL_3843837, EPI_ISL_3843847, EPI_ISL_3843860, EPI_ISL_3843865, EPI_ISL_3843888, EPI_ISL_3843889, EPI_ISL_3843908, EPI_ISL_3843915, EPI_ISL_3843931, EPI_ISL_3843936, EPI_ISL_3843938, EPI_ISL_3843940, EPI_ISL_3843947, EPI_ISL_3843949, EPI_ISL_3843952, EPI_ISL_3843953, EPI_ISL_3843956, EPI_ISL_3843958, EPI_ISL_3843962, EPI_ISL_3843964, EPI_ISL_3843967, EPI_ISL_3843970, EPI_ISL_3843971, EPI_ISL_3843975, EPI_ISL_3843977, EPI_ISL_3843980, EPI_ISL_3843981, EPI_ISL_3843983, EPI_ISL_3843985, EPI_ISL_3843988, EPI_ISL_3843992, EPI_ISL_3843993, EPI_ISL_3843997, EPI_ISL_3844000, EPI_ISL_3844001, EPI_ISL_3844004, EPI_ISL_3844005, EPI_ISL_3844008, EPI_ISL_3844009, EPI_ISL_3844011, EPI_ISL_3844013, EPI_ISL_3844015, EPI_ISL_3844017, EPI_ISL_3844019, EPI_ISL_3844021, EPI_ISL_3844024, EPI_ISL_3844025, EPI_ISL_3844027, EPI_ISL_3844031, EPI_ISL_3844033, EPI_ISL_3844036, EPI_ISL_3844037, EPI_ISL_3844040, EPI_ISL_3844041, EPI_ISL_3844043, EPI_ISL_3844046, EPI_ISL_3844047, EPI_ISL_3844049, EPI_ISL_3844052, EPI_ISL_3844053, EPI_ISL_3844056, EPI_ISL_3844057, EPI_ISL_3844059, EPI_ISL_3844061, EPI_ISL_3844063, EPI_ISL_3844066, EPI_ISL_3844069, EPI_ISL_3844072, EPI_ISL_3844073, EPI_ISL_3844075, EPI_ISL_3844078, EPI_ISL_3844079, EPI_ISL_3844082, EPI_ISL_3844083, EPI_ISL_3844085, EPI_ISL_3844093, EPI_ISL_3844095, EPI_ISL_3844099, EPI_ISL_3844105, EPI_ISL_3844107, EPI_ISL_3844109, EPI_ISL_3844111, EPI_ISL_3844113, EPI_ISL_3844115, EPI_ISL_3844117, EPI_ISL_3844122, EPI_ISL_3844125, EPI_ISL_3844128, EPI_ISL_3844129, EPI_ISL_3844131, EPI_ISL_3844134, EPI_ISL_3844135, EPI_ISL_3844138, EPI_ISL_3844139, EPI_ISL_3844141, EPI_ISL_3844144, EPI_ISL_3844145, EPI_ISL_3844147, EPI_ISL_3844149, EPI_ISL_3844151, EPI_ISL_3844153, EPI_ISL_3844155, EPI_ISL_3844158, EPI_ISL_3844159, EPI_ISL_3844161, EPI_ISL_3844164, EPI_ISL_3844165, EPI_ISL_3844167, EPI_ISL_3844169, EPI_ISL_3844171, EPI_ISL_3844173, EPI_ISL_3844175, EPI_ISL_3844178, EPI_ISL_3844179, EPI_ISL_3844181, EPI_ISL_3844183, EPI_ISL_3844185, EPI_ISL_3844193, EPI_ISL_3844195, EPI_ISL_3844198, EPI_ISL_3844202, EPI_ISL_3844208, EPI_ISL_3844209, EPI_ISL_3844211, EPI_ISL_3844214, EPI_ISL_3844216, EPI_ISL_3844219, EPI_ISL_3844223, EPI_ISL_3844226, EPI_ISL_3844231, EPI_ISL_3844234, EPI_ISL_3844235, EPI_ISL_3844237, EPI_ISL_3844240, EPI_ISL_3844241, EPI_ISL_3844244, EPI_ISL_3844245, EPI_ISL_3844273, EPI_ISL_3844287, EPI_ISL_3844291, EPI_ISL_3844293, EPI_ISL_3844318, EPI_ISL_3844321, EPI_ISL_3844328, EPI_ISL_3844329, EPI_ISL_3844332, EPI_ISL_3844337, EPI_ISL_3844341, EPI_ISL_3844345, EPI_ISL_3844351, EPI_ISL_3844359, EPI_ISL_3844364, EPI_ISL_3844417, EPI_ISL_3844423, EPI_ISL_3844431, EPI_ISL_3844437, EPI_ISL_3844457, EPI_ISL_3844467, EPI_ISL_3844470, EPI_ISL_3844471, EPI_ISL_3844477, EPI_ISL_3844492, EPI_ISL_3844504, EPI_ISL_3844535, EPI_ISL_3844543, EPI_ISL_3905557, EPI_ISL_3905561, EPI_ISL_3905562			
see above	Smimer Medical College, Surat	Gujarat Biotechnology Research Centre	Arpit Shukla; Bhadreshsinh Gohil; Chaitanya Joshi; Dinesh Kumar; Janvi Raval; Madhvi Joshi; Manish Patel; Nimesh Patel; Nitin Shukla; Ramesh Pandit; Zarna Patel
EPI_ISL_3394075, EPI_ISL_3394082, EPI_ISL_3394088, EPI_ISL_3394101, EPI_ISL_3394129	Sonic Reference Laboratory	Sonic Reference Laboratory	"Robert Moller; Bijaya Dhakal; Cora Lahey; Ellen Pizarek"; John Woody; Krishna Maddula
EPI_ISL_2976148, EPI_ISL_2976165	Southern Nevada Public Health Laboratory	Southern Nevada Public Health Laboratory	Michael Picker
EPI_ISL_2967203, EPI_ISL_2967205, EPI_ISL_2967206, EPI_ISL_2967208	Sri Ganga Ram Hospital, New Delhi, India	NCDC Delhi, Biotechnology Division	Hema Gogia; Hemlata Lali; Kalaiarasan Ponnusamy; Mahesh S Dhar; Manoj K Singh; Meena Datta; Partha Rakshit; Preeti Madan; Priyanka Singh; Radhakrishnan V. S; Robin Marwal; Sandhya Kabra; Sujeet K Singh; Uma Sharma
EPI_ISL_3007821, EPI_ISL_3007822, EPI_ISL_3007823, EPI_ISL_3007824, EPI_ISL_3007825, EPI_ISL_3007832, EPI_ISL_3007835, EPI_ISL_3007836, EPI_ISL_3007837, EPI_ISL_3007971	see above	Srirama Chandra Bhanja Medical College and Hospital, Cuttack	Ajay Parida; Amol M. Kanampalliwar; Arup Ghosh; Atimutka Jha; INSACOG Consortium; Omprakash Shiriwas; Punit Prasad; Rajeeb Swain; Rupesh Dash; Safal Wallia; Sana Fatma; Shifu Aggarwal; Sunil K. Raghav
EPI_ISL_4072010, EPI_ISL_4072011, EPI_ISL_4072012, EPI_ISL_4072013, EPI_ISL_4072014, EPI_ISL_4072015, EPI_ISL_4072016, EPI_ISL_4072017, EPI_ISL_4072018, EPI_ISL_4072019	see above	Stanford Health Care	Stanford University School of Medicine, Clinical Virology Laboratory
EPI_ISL_3459466, EPI_ISL_3939757	State Hygienic Laboratory at the University of Iowa	State Hygienic Laboratory at the University of Iowa	Becky Jiang; Bernadette Troung; James Zehnder; Malaya K. Sahoo; and Benjamin A. Pinsky
EPI_ISL_3127444, EPI_ISL_3127445	State Key Laboratory for Diagnosis and Treatment of Infectious Diseases, National Clinical Research Center for Infectious Diseases, First Affiliated Hospital, Zhejiang University School of Medicine, Hangzhou, China. 310003	State Key Laboratory for Diagnosis and Treatment of Infectious Diseases, National Clinical Research Center for Infectious Diseases, First Affiliated Hospital, Zhejiang University School of Medicine, Hangzhou, China. 310003	Changzhong Jin; Danrong Shi; Fumin Liu; Haibo Wu; Hangping Yao; Keda Chen; Keda Chen , Zhigang Wu; Lanjuan Li; Linfang Cheng; Min Zheng; Nanping Wu; Shibo Li; Tianhao Weng; Tianhao Weng , Danrong Shi , Linfang Cheng; Xiangyun Lu; Zhigang Wu
EPI_ISL_3033091, EPI_ISL_3033096, EPI_ISL_3033118, EPI_ISL_3033126, EPI_ISL_3033131, EPI_ISL_3033132, EPI_ISL_3033134, EPI_ISL_3033135, EPI_ISL_3033148, EPI_ISL_3033149, EPI_ISL_3033181, EPI_ISL_3033182, EPI_ISL_3033183, EPI_ISL_3033192, EPI_ISL_3033194	see above	State Laboratories Division, Hawaii State Department of Health	Ayana Garnet; Drew Kuwazaki; Edward Desmond; Pamela O'Brien; Razvan Sultana
EPI_ISL_3356409, EPI_ISL_3356411, EPI_ISL_3356419, EPI_ISL_3356429, EPI_ISL_3356430, EPI_ISL_3356431, EPI_ISL_3356434, EPI_ISL_3356436, EPI_ISL_3356455, EPI_ISL_3356460, EPI_ISL_3356462, EPI_ISL_3356464, EPI_ISL_3356479	see above	State Public Health Laboratory	CDPD
EPI_ISL_3049875, EPI_ISL_3049878, EPI_ISL_3049879, EPI_ISL_3049880, EPI_ISL_3049885, EPI_ISL_3049886, EPI_ISL_3049888, EPI_ISL_3049890, EPI_ISL_3049897, EPI_ISL_3049901, EPI_ISL_3049902, EPI_ISL_3049907, EPI_ISL_3049908, EPI_ISL_3049909, EPI_ISL_3049912, EPI_ISL_3049919, EPI_ISL_3049924, EPI_ISL_3049925, EPI_ISL_3049932, EPI_ISL_3049933, EPI_ISL_3049942, EPI_ISL_3049945, EPI_ISL_3049946, EPI_ISL_3049955, EPI_ISL_3049957, EPI_ISL_3049958, EPI_ISL_3049964, EPI_ISL_3049973, EPI_ISL_3049982, EPI_ISL_3049984, EPI_ISL_3049993, EPI_ISL_3049996, EPI_ISL_3050003, EPI_ISL_3050014, EPI_ISL_3050016, EPI_ISL_3050017, EPI_ISL_3050024, EPI_ISL_3050034, EPI_ISL_3050035, EPI_ISL_3050036, EPI_ISL_3050037, EPI_ISL_3050043	see above	State Testing Facility	Altius Institute for Biomedical Research
EPI_ISL_3372622	Staten Island University Hospital	New York City Public Health Laboratory	Alex Isner; Alex Nguyen; Amanda Gale; Audra Johnson; Clem Green; Daniel Bates; Eric Thorland; Jacob Rodriguez; Jean Robinson; Jemma Nelson; Jessica Kunder; John Stamatyannopoulos; Joshua Richards; Julia Wald; Kneshay Harper; Lauren Mitchell; Mark Frecker; Matt Hartman; Michael Buckley; Muhammad Halimun; Rebecca Bruders; Tobias Ragoczy
EPI_ISL_4062630, EPI_ISL_4062632, EPI_ISL_4062647, EPI_ISL_4062648, EPI_ISL_4062649, EPI_ISL_4062650, EPI_ISL_4062651, EPI_ISL_4062652, EPI_ISL_4062655, EPI_ISL_4062888, EPI_ISL_4062889, EPI_ISL_4062901, EPI_ISL_4062902, EPI_ISL_4062903, EPI_ISL_4062904, EPI_ISL_4062991, EPI_ISL_4063000, EPI_ISL_4063014, EPI_ISL_4063025, EPI_ISL_4063026, EPI_ISL_4063028, EPI_ISL_4063030, EPI_ISL_4063034, EPI_ISL_4063035, EPI_ISL_4063036, EPI_ISL_4063039, EPI_ISL_4063040, EPI_ISL_4063041, EPI_ISL_4063042, EPI_ISL_4063043, EPI_ISL_4063044, EPI_ISL_4063045, EPI_ISL_4063047, EPI_ISL_4063048, EPI_ISL_4063049, EPI_ISL_4063051, EPI_ISL_4063052, EPI_ISL_4063055, EPI_ISL_4063056, EPI_ISL_4063057, EPI_ISL_4063064, EPI_ISL_4063066, EPI_ISL_4063068, EPI_ISL_4063070	see above	Sultan Qaboos University Hospital, Department of Microbiology & Immunology, Molecular Biology Section	KU Leuven, Rega Institute, Clinical and Epidemiological Virology
EPI_ISL_2980568, EPI_ISL_2980581, EPI_ISL_2980585, EPI_ISL_2980626, EPI_ISL_2980628, EPI_ISL_2980634, EPI_ISL_2980648, EPI_ISL_2980654, EPI_ISL_2980656, EPI_ISL_2980662, EPI_ISL_2980673, EPI_ISL_2980674, EPI_ISL_2980781, EPI_ISL_2980782, EPI_ISL_2980786, EPI_ISL_2980788, EPI_ISL_2980789, EPI_ISL_2980939, EPI_ISL_3157440, EPI_ISL_3157441, EPI_ISL_3157449, EPI_ISL_3157452, EPI_ISL_3157455, EPI_ISL_3157468, EPI_ISL_3157470, EPI_ISL_3157483, EPI_ISL_3157488, EPI_ISL_3157493, EPI_ISL_3157866, EPI_ISL_3157914, EPI_ISL_3158121, EPI_ISL_3158122, EPI_ISL_3158129, EPI_ISL_3158130, EPI_ISL_3158131, EPI_ISL_3158134, EPI_ISL_3158135, EPI_ISL_3158136, EPI_ISL_3158138, EPI_ISL_3158142, EPI_ISL_3158154, EPI_ISL_3158156, EPI_ISL_3158157, EPI_ISL_3158163, EPI_ISL_3158164, EPI_ISL_3158165, EPI_ISL_3158166, EPI_ISL_3158224, EPI_ISL_3158226, EPI_ISL_3158229, EPI_ISL_3158231, EPI_ISL_3158239, EPI_ISL_3158294, EPI_ISL_3158296, EPI_ISL_3158297, EPI_ISL_3158298, EPI_ISL_3158299, EPI_ISL_3158300, 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EPI_ISL_3122871, EPI_ISL_3122872, EPI_ISL_3122873, EPI_ISL_3122874, EPI_ISL_3122875, EPI_ISL_3122876, EPI_ISL_3122877, EPI_ISL_3122878, EPI_ISL_3122879, EPI_ISL_3122880, EPI_ISL_3122881			
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EPI_ISL_3342064, EPI_ISL_3342065	Urban Institute for Disease Prevention and Control	National Institute of Health, Department of Medical Sciences, Ministry of Public Health, Thailand	; Natchaya Khiasadon; Nuttida Thongpramul; Pakorn Piromtong; Pilalak Okada; Ratana Tachareonmuang; Siriraporn Phuyugun; Sittiporn Parnmen; Sunthareeya Winacharoen; Thanutsapa Thanadachakul; Warawan Wongboot; sirikandana wimol
EPI_ISL_2975272	Usansolo-Galdakao University Hospital	Crucis University Hospital	Ana Belén de la Hoz; Ana Gual-de-Torrella; Izaskun Alejo-Cancho; Mikel Gallego
EPI_ISL_3132702, EPI_ISL_3132713, EPI_ISL_3132715, EPI_ISL_3132716, EPI_ISL_3132718, EPI_ISL_3132720, EPI_ISL_3132721, EPI_ISL_3132724, EPI_ISL_3132725, EPI_ISL_3132726, EPI_ISL_3132727, EPI_ISL_3132729, EPI_ISL_3132730, EPI_ISL_3132733, EPI_ISL_3132735, EPI_ISL_3132738, EPI_ISL_3132742, EPI_ISL_3132744, EPI_ISL_3132745, EPI_ISL_3132747, EPI_ISL_3132748, EPI_ISL_3132749, EPI_ISL_3132751, EPI_ISL_3132753, EPI_ISL_3132754, EPI_ISL_3132755, EPI_ISL_3132756, EPI_ISL_3132758, EPI_ISL_3132759, EPI_ISL_3132760, EPI_ISL_3132762, EPI_ISL_3132763, EPI_ISL_3132766, EPI_ISL_3132767, EPI_ISL_3132768, EPI_ISL_3132769, EPI_ISL_3132770, EPI_ISL_3132771, EPI_ISL_3132772, EPI_ISL_3132773, EPI_ISL_3132775, EPI_ISL_3132777, EPI_ISL_3132779, EPI_ISL_3132780, EPI_ISL_3132781, EPI_ISL_3132783, EPI_ISL_3132784, EPI_ISL_3132786, EPI_ISL_3132788, EPI_ISL_3132789, EPI_ISL_3132790, EPI_ISL_3132792, EPI_ISL_3132793, EPI_ISL_3132794, EPI_ISL_3132795, EPI_ISL_3132797, EPI_ISL_3132798, EPI_ISL_3132799, EPI_ISL_3132801, EPI_ISL_3132802, EPI_ISL_3132803, EPI_ISL_3132804, EPI_ISL_3132805, EPI_ISL_3132806, EPI_ISL_3132807, EPI_ISL_3132808, EPI_ISL_3132809, EPI_ISL_3132810, EPI_ISL_3132811, EPI_ISL_3132812, EPI_ISL_3132813, EPI_ISL_3132814, EPI_ISL_3132815, EPI_ISL_3132816, EPI_ISL_3132818, EPI_ISL_3132820, EPI_ISL_3132821, EPI_ISL_3132824, EPI_ISL_3132825, EPI_ISL_3132826, EPI_ISL_3132827, EPI_ISL_3132830, EPI_ISL_3132831, EPI_ISL_3132832, EPI_ISL_3132833, EPI_ISL_3132834, EPI_ISL_3132835, EPI_ISL_3132836, EPI_ISL_3132838, EPI_ISL_3132839, EPI_ISL_3132842, EPI_ISL_3132843, EPI_ISL_3132844, EPI_ISL_3132845, EPI_ISL_3132848, EPI_ISL_3132851, EPI_ISL_3132852, EPI_ISL_3132854, EPI_ISL_3132855, EPI_ISL_3132857, EPI_ISL_3132861, EPI_ISL_3132862, EPI_ISL_3132863, EPI_ISL_3132865, EPI_ISL_3132867, EPI_ISL_3132868, EPI_ISL_3132872, EPI_ISL_3132873, EPI_ISL_3132874, EPI_ISL_3132875, EPI_ISL_3132876, EPI_ISL_3132877, EPI_ISL_3132878, EPI_ISL_3132881, EPI_ISL_3132882, EPI_ISL_3132885, EPI_ISL_3132887, EPI_ISL_3132891, EPI_ISL_3132892, EPI_ISL_3132894, EPI_ISL_3132897, EPI_ISL_3132898, EPI_ISL_3132901, EPI_ISL_3132902, EPI_ISL_3132906, EPI_ISL_3132908, EPI_ISL_3132910, EPI_ISL_3132911, EPI_ISL_3132912, EPI_ISL_3132913, EPI_ISL_3132915, EPI_ISL_3132916, EPI_ISL_3132917, EPI_ISL_3132919, EPI_ISL_3132920, EPI_ISL_3132921, EPI_ISL_3132922, EPI_ISL_3132924, EPI_ISL_3132925, EPI_ISL_3132927, EPI_ISL_3132928, EPI_ISL_3132930, EPI_ISL_3132931, EPI_ISL_3132933, EPI_ISL_3132934, EPI_ISL_3132953, EPI_ISL_3132954, EPI_ISL_3132957, EPI_ISL_3132959, EPI_ISL_3132960, EPI_ISL_3132961, EPI_ISL_3132962, EPI_ISL_3132966, EPI_ISL_3132967, EPI_ISL_3132971, EPI_ISL_3132972, EPI_ISL_3132975, EPI_ISL_3132976, EPI_ISL_3132978, EPI_ISL_3132979, EPI_ISL_3132980, EPI_ISL_3132981, EPI_ISL_3132986, EPI_ISL_3132987, EPI_ISL_3132988, EPI_ISL_3132989, EPI_ISL_3132993, EPI_ISL_3132994, EPI_ISL_3132996, EPI_ISL_3132997, EPI_ISL_3132998, EPI_ISL_3132999, EPI_ISL_3133001, EPI_ISL_3133003, EPI_ISL_3133005, EPI_ISL_3133008, EPI_ISL_3133012, EPI_ISL_3133020, EPI_ISL_3133021, EPI_ISL_3263405, EPI_ISL_3263564, EPI_ISL_3263566, EPI_ISL_3263577, EPI_ISL_3263583, EPI_ISL_3263590, EPI_ISL_3263602, EPI_ISL_3263615, EPI_ISL_3263619, EPI_ISL_3263622, EPI_ISL_3263631, EPI_ISL_3263647, EPI_ISL_3263652, EPI_ISL_3263654, EPI_ISL_3263671, EPI_ISL_3263672, EPI_ISL_3263688, EPI_ISL_3263697, EPI_ISL_3263713, EPI_ISL_3263714, EPI_ISL_3263742, EPI_ISL_3263768, EPI_ISL_3263777, EPI_ISL_3263784, EPI_ISL_3263810, EPI_ISL_3263824, EPI_ISL_3263830, EPI_ISL_3263840, EPI_ISL_3263842, EPI_ISL_3263848, EPI_ISL_3263850, EPI_ISL_3263852, EPI_ISL_3263862, EPI_ISL_3263867, EPI_ISL_3263868,			

EPI_ISL_3263874, EPI_ISL_3263879, EPI_ISL_3263880, EPI_ISL_3263899, EPI_ISL_3263902, EPI_ISL_3269730, EPI_ISL_3269731, EPI_ISL_3269733, EPI_ISL_3269770, EPI_ISL_3756128, EPI_ISL_3833137				Erin L. Young; Kelly F. Oakeson; Olinto Linares-Perdomo; Pooja Gupta; Tara Gallagher
see above	Utah Public Health Laboratory	Utah Public Health Laboratory		
EPI_ISL_3049037, EPI_ISL_3049038	Utah Public Health Laboratory, Infectious Disease submission group	Utah Public Health Laboratory, Infectious Disease submission group		Linares-Perdomo, O.; Oakeson, K.; Young, E.
EPI_ISL_3183802	Utsunomiya City Institute of Public Health and Environment	Utsunomiya City Institute of Public Health and Environment		Akira Wakatsuki; Kentaro Itokawa; Makoto Kuroda; Masanori Hashino; Rina Tanaka; Tsuyoshi Sekizuka
EPI_ISL_3355182	VA-Division of Consolidated Laboratory Services	Centers for Disease Control and Prevention Division of Viral Diseases, Pathogen Discovery	Alex Burgin; Ben Rambo-Martin; Clinton Paden; Dakota Howard; Dave Wentworth; Dhvani Batra; Jasmine Padilla; Justin Lee; Krista Queen; Kristen Knipe; Kristine Lacey; Mark Burroughs; Matthew Schmerer; Meghan Bentz; Mili Sheth; Peter Cook; Sam Shepard; Sarah Nobles; Suxiang Tong; Vivien Dugan; Yvette Unoarumhi	
EPI_ISL_3232994	VRDL VIJAYAPURA	INSACOG-KA, NIMHANS	Ananthapadmanabha Kotambali; Anita S Desai; Anson Kunjumon George; Chetan G K; Chitra Pattabiraman; Darshan Sreenivas; Ellango Ramasamy; Gautham Arunachal Udupi; Mahesh Kumar.C.S; Sony Sharma; V Ravi	
EPI_ISL_3162129, EPI_ISL_3162130, EPI_ISL_3162132, EPI_ISL_3162134, EPI_ISL_3162135, EPI_ISL_3162136, EPI_ISL_3162137, EPI_ISL_3162138, EPI_ISL_3162140, EPI_ISL_3162141, EPI_ISL_3844251, EPI_ISL_3844319, EPI_ISL_3844373, EPI_ISL_3844386	see above	Gujarat Biotechnology Research Centre	Arpit Shukla; Bhadreshsinh Gohil; Chaitanya Joshi; Dinesh Kumar; Janvi Raval; Madhvi Joshi; Neeta Khandelwal; Nimesh Patel; Nitesh Shah; Nitin Savaliya; Nitin Shukla; Ramesh Pandit; Sonal Sharma; Twinkle Soni; Umang Mishra; Zarna Patel; Zuber Saiyed	
EPI_ISL_3905569	VRDL, Government Medical College, Surat (Valsad)	Gujarat Biotechnology Research Centre	Arpit Shukla; Bhadreshsinh Gohil; Chaitanya Joshi; Dinesh Kumar; Janvi Raval; Madhvi Joshi; Nimesh Patel; Nitin Shukla; Ramesh Pandit; Vicky Gandhi; Zarna Patel	
EPI_ISL_3844247, EPI_ISL_3844249	VRDL, Government Medical College, Surat (Smimer)	Gujarat Biotechnology Research Centre	Arpit Shukla; Bhadreshsinh Gohil; Chaitanya Joshi; Dinesh Kumar; Janvi Raval; Madhvi Joshi; Manish Patel; Nimesh Patel; Nitin Shukla; Ramesh Pandit; Zarna Patel	
EPI_ISL_3844453	VRDL, Government Medical College, Surat (Valsad)	Gujarat Biotechnology Research Centre	Arpit Shukla; Bhadreshsinh Gohil; Chaitanya Joshi; Dinesh Kumar; Janvi Raval; Madhvi Joshi; Nimesh Patel; Nitin Shukla; Ramesh Pandit; Vicky Gandhi; Zarna Patel	
EPI_ISL_3844253, EPI_ISL_3844256, EPI_ISL_3844257, EPI_ISL_3844260, EPI_ISL_3844307, EPI_ISL_3844371, EPI_ISL_3905558	see above	Gujarat Biotechnology Research Centre	Arpit Shukla; Bhadreshsinh Gohil; Chaitanya Joshi; Dinesh Kumar; Janvi Raval; Madhvi Joshi; Manish Patel; Nimesh Patel; Nitin Shukla; Ramesh Pandit; Zarna Patel	
EPI_ISL_3844272	VRDL, P. D. U. Medical College, Rajkot	Gujarat Biotechnology Research Centre	Arpit Shukla; Bhadreshsinh Gohil; Chaitanya Joshi; Dinesh Kumar; Gauravi A Dhruva; Janvi Raval; Madhvi Joshi; Nimesh Patel; Nitin Shukla; Ramesh Pandit; Zarna Patel	
EPI_ISL_3275699, EPI_ISL_3275711, EPI_ISL_3275713, EPI_ISL_3275815, EPI_ISL_3275903	VRDL, Wenlock District Hospital	inStem NCBS - INSACOG		Uma Ramakrishnan Dasaradhi Palakodeti Aswin SaiNarain
EPI_ISL_3162096	VRDL, Government Medical College Surat	Gujarat Biotechnology Research Centre	Chaitanya Joshi; Dinesh Kumar; Janvi Raval; Madhvi Joshi; Neeta Khandelwal; Nitesh Shah; Nitin Savaliya; Nitin Shukla; Ramesh Pandit; Sonal Sharma; Twinkle Soni; Umang Mishra; Zarna Patel; Zuber Saiyed	
EPI_ISL_3844263, EPI_ISL_3844497	VRDL, Government Medical College Surat (GMC)	Gujarat Biotechnology Research Centre	Arpit Shukla; Bhadreshsinh Gohil; Chaitanya Joshi; Dinesh Kumar; Janvi Raval; Madhvi Joshi; Neeta Khandelwal; Nimesh Patel; Nitin Shukla; Ramesh Pandit; Zarna Patel	
EPI_ISL_3844265, EPI_ISL_3844268	VRDL, Government Medical College Surat (SMIMER)	Gujarat Biotechnology Research Centre	Arpit Shukla; Bhadreshsinh Gohil; Chaitanya Joshi; Dinesh Kumar; Janvi Raval; Madhvi Joshi; Manish Patel; Nimesh Patel; Nitin Shukla; Ramesh Pandit; Zarna Patel	
EPI_ISL_3162110, EPI_ISL_3162111	VRDL, Government Medical College, Surat	Gujarat Biotechnology Research Centre	Chaitanya Joshi; Dinesh Kumar; Janvi Raval; Madhvi Joshi; Neeta Khandelwal; Nitesh Shah; Nitin Savaliya; Nitin Shukla; Ramesh Pandit; Sonal Sharma; Twinkle Soni; Umang Mishra; Zarna Patel; Zuber Saiyed	
EPI_ISL_3232759, EPI_ISL_3232762, EPI_ISL_3232764, EPI_ISL_3232765, EPI_ISL_3232766, EPI_ISL_3232767	VRDL-VIJAYAPURA	INSACOG-KA, NIMHANS	Ananthapadmanabha Kotambali; Anita S Desai; Anson Kunjumon George; Chetan G K; Chitra Pattabiraman; Darshan Sreenivas; Ellango Ramasamy; Gautham Arunachal Udupi; Mahesh Kumar.C.S; Sony Sharma; V Ravi	
EPI_ISL_3015290	Veer Surendra Sai Institute of Medical Sciences and Research, Burla, Sambalpur	Institute of Life Sciences - INSACOG	Ajay Parida; Amol M. Kanampalliwar; Arup Ghosh; Atimukta Jha; INSACOG Consortium; Omprakash Shiriwas; Punit Prasad; Rajeeb Swain; Rupesh Dash; Safal Wallia; Sana Fatma; Shifu Aggarwal; Sunil K. Raghav	
EPI_ISL_3016165, EPI_ISL_3016166, EPI_ISL_3016167, EPI_ISL_3016168, EPI_ISL_3016169, EPI_ISL_3016170, EPI_ISL_3016171, EPI_ISL_3016173, EPI_ISL_3016174, EPI_ISL_3016175, EPI_ISL_3016176, EPI_ISL_3016177, EPI_ISL_3016178, EPI_ISL_3016179, EPI_ISL_3016180, EPI_ISL_3016182, EPI_ISL_3016183, EPI_ISL_3016184	see above	Institute of Life Sciences - INSACOG	Ajay Parida; Amol M. Kanampalliwar; Arup Ghosh; Atimukta Jha; INSACOG Consortium; Omprakash Shiriwas; Punit Prasad; Rajeeb Swain; Rupesh Dash; Safal Wallia; Sana Fatma; Shifu Aggarwal; Sunil K. Raghav	
EPI_ISL_2966635, EPI_ISL_2966638, EPI_ISL_2966646, EPI_ISL_2966653, EPI_ISL_2968539, EPI_ISL_2968557, EPI_ISL_2968701, EPI_ISL_2968718, EPI_ISL_2968723, EPI_ISL_2968726, EPI_ISL_2968730	see above	Viral Respiratory Lab, National Institute for Biomedical Research (INRB)	Allison Black; Amuri Aziza; Andrew Rambaut; Catherine Pratt; Eddy Kinganda-Lusamaki; Edith Nkwembe; Emmanuel Lokilo Lofiko; Francisca Muyembe Mawete; Ian Goodfellow; James Hadfield; Jean Claude Makangara; Jean-Jacques Muyembe Tamfum; Josh Quick; Kristian Andersen; Matthias Pauthner; Michael Wiley; Nick Loman; Placide Mbala-Kingebe; Steve Ahuka-Mundeki; Trevor Bedford	
EPI_ISL_2982658, EPI_ISL_3318725	Virginia Division of Consolidated Laboratory Services	Virginia Division of Consolidated Laboratory Services		Virginia Division of Consolidated Laboratory Services
EPI_ISL_3506347	Virology Laboratory, International Centre for Diarrhoeal Disease Research, Bangladesh (ICDDR,B)	Virology Laboratory, International Centre for Diarrhoeal Disease Research, Bangladesh (ICDDR,B)		Md. Mahfuzur Rahman; Mohammad Enayet Hossain; Mohammed Ziaur Rahman; Mojnu Miah; Mustafizur Rahman
EPI_ISL_3184308	Virology Unit, AOUP	Virology Unit, AOUP		Annalisa Capria; Francesca Pasqualetti; Mauro Pistello; Pietro Giorgio Spezia; Susanna Cappellini
EPI_ISL_3020527, EPI_ISL_3020688, EPI_ISL_3020768, EPI_ISL_3020974	Vita Laboratoriot Oy	Expert Microbiology, National Institute for Health and Welfare	Carita Savolainen-Kopra; Erika Lindh; Haider al-Hello; Jani Halkilahti; Kirsí Liitsola; Niina Ikonen; Olli Vapalahti; Pekka Ellonen; Phuoc Truong; Päivi Laurila; Ravi Kant; Sari Hannula; Soile Blomqvist; Teemu Smura	
EPI_ISL_3122913, EPI_ISL_3122914, EPI_ISL_3122915, EPI_ISL_3122916, EPI_ISL_3122917, EPI_ISL_3122918, EPI_ISL_3122919, EPI_ISL_3122920, EPI_ISL_3122921, EPI_ISL_3122922, EPI_ISL_3122923, EPI_ISL_3122924, EPI_ISL_3122925, EPI_ISL_3122926, EPI_ISL_3122927	see above	Vologda City Polyclinic No 1	WHO National Influenza Centre Russian Federation	Alexey Masharsky; Andrey Komissarov; Artem Fadeev; Daria Danilenko; Dmitry Lioznov; Elena Nabieva; Georgii Bazykin; Kirill Varchenko; Ksenia Safina; Kseniya Komissarova; Maria Baturova; Maria Pisareva; Mikhail Bakaev; Nikita Yolshin; Oula Mansour; Tamila Musaeva; Veronika Eder
EPI_ISL_3122901, EPI_ISL_3122902, EPI_ISL_3122904, EPI_ISL_3122905, EPI_ISL_3122906, EPI_ISL_3122907, EPI_ISL_3122908	see above	Voronezh Regional Clinical Consultative and Diagnostic Center	WHO National Influenza Centre Russian Federation	Alexey Masharsky; Andrey Komissarov; Artem Fadeev; Daria Danilenko; Dmitry Lioznov; Elena Nabieva; Georgii Bazykin; Kirill Varchenko; Ksenia Safina; Kseniya Komissarova; Maria Baturova; Maria Pisareva; Mikhail Bakaev; Nikita Yolshin; Oula Mansour; Tamila Musaeva; Veronika Eder
EPI_ISL_3268028, EPI_ISL_3268030, EPI_ISL_3268066	WACCBIP, University of Ghana, Accra, Ghana	WACCBIP, University of Ghana, Volta Road, Legon-Accra, Ghana	; Bright K. Yemi; Collins M. Morang'a; Deborah N. A. Mettle; Dominic S. Y. Amuzu; Evelyn B. Quansah; Frederick M. Tei-Maya; Israel Osei-Wusu; Joe K. Mutungi; Joyce M. Ngol; Lucas N. Amenga-Etego; Michael Owusu; Nicaise T. Ndam; Oliver Commey; Paul Owusu-Oduro; Peter K. Quashie; Philip M. Soglo; Richard Odame Phillips; Samirah Said; Samuel Armo; Sylvester Dassah; Victor Asola; Vincent Appiah; Violette V. M'cormack; William K. Ampofo; Yaw Bediako; and Gordon A. Awandare	
EPI_ISL_3016377, EPI_ISL_3016388	Washington State Department of Health Public Health Laboratories	Washington State Department of Health Public Health Laboratories		Avi Singh; Darren Lucas; Denny Russell; Drew MacKellar; Geoff Melly; Hannah Gray; Joenice Gonzalez; JohnAric Peterson; Philip Dykema; Rebecca Cao; Vanessa De Los Santos
EPI_ISL_2709416	West Java Health Laboratory	Eijkman Institute for Molecular Biology, National Research and Innovation Agency; West Java Health Laboratory	Amin Soebandrio; Azzania Fibriani; Cut Nur Cinthia Alamanda; Edison Johar; Ema Rahmawati; Frilasita A Yudhaputri; Hidayat Trimarsanto; Iskandar Adnan; Khin Say Myint; Lidwina Priliani; Lydia V. Panggalo; Muhammad Rezki Rasyak; Rifky Waluyajati Rachman; Ryan Bayusantika Ristandi; Safarina G Malik; Sukma Oktavianthi; Willy Agustine	
EPI_ISL_4055113	Wielospecjalistyczny Szpital Wojewódzki	Wojewodzka Stacja Sanitarno-Epidemiologiczna w Gorzowie Wielkopolskim	Elżbieta Justynska; Klaudia Kobendza-Wlodarczak; Patrycja Fabelska and Marek Magol; Renata Siegel	
EPI_ISL_3131908, EPI_ISL_3131909, EPI_ISL_3131911, EPI_ISL_3131917, EPI_ISL_3131919, EPI_ISL_3131922, EPI_ISL_3131926, EPI_ISL_3131927	see above	Wisconsin State Laboratory of Hygiene Communicable Disease Division		Abigail C. Shockey; Alicia J. Mooney; Erika M. Hanson; Kelsey R. Florek; Richard Griesser; Sara Wagner; Tonya Danz
EPI_ISL_2988707, EPI_ISL_2988710	Wojewódzki Szpital Specjalistyczny Laboratorium Mikrobiologiczne	1. Academic Center for Pathomorphological and Genetic-Molecular Diagnostics ltd, Białystok, Poland 2. National Institute of Public Health - National Institute of Hygiene, Warsaw, Poland	Anetta Sulewska; Jacek Nikiłski; Janusz Dzięcioł; Joanna Kiśliuk; Katarzyna Zacharczuk; Konrad Raczkowski; Magdalena Nowakowska; Małgorzata Sadkowska-Todys; Piotr Karabowicz; Piotr Majewski; Przemysław Bieчек. Joanna Reszeć; Radosław Charkiewicz; Tomasz Wolkowicz	
EPI_ISL_3149448, EPI_ISL_3160580, EPI_ISL_3160583, EPI_ISL_3160585, EPI_ISL_3207454, EPI_ISL_3207456, EPI_ISL_3207457, EPI_ISL_3242815, EPI_ISL_3242816, EPI_ISL_3242817	see above	Wyoming Public Health Laboratory		Ashley Norberg; Brian Dominguez; Carl Sloma; Channing Weber; Chayse Rowley; Elliot Thomasson; Jim Mildenberger; Marley Goetz; Robert Petit; Sam Britz; Taylor Fearing; and Rob Christensen
EPI_ISL_3105499	Yale Clinical Virology Lab	Grubaugh Lab - Yale School of Public Health	Anderson Brito; Annie Watkins; Chaney Kalinich; Chantal Vogels; Isabel Ott; Jessica Rothman; Joseph Fauver; Mallery Breban; Marie L. Landry; Mary Petrone; Nathan Grubaugh; Tara Alpert	
EPI_ISL_3115593, EPI_ISL_3115594, EPI_ISL_3115648, EPI_ISL_3115689, EPI_ISL_3115692, EPI_ISL_3115697, EPI_ISL_3115750, EPI_ISL_3115765				

see above	ZOTZ KLIMAS MVZ Düsseldorf-Centrum GbR ÜBAG für Labormedizin, Genetik, Zytologie, Pathologie	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Alexander Dilthey; Andreas Walker; Daniel Strelow; Jessica Nicolai; Jörg Timm; Katrin Hoffmann; Klaus Pfeffer; Lisanna Hülse; Malte Kohns Vasconcelos; Maximilian Damagnez; Nadine Lübke; Patrick Finzer; Rainer Zotz; Tobias Wienemann; Torsten Houwaart
EPI_ISL_3046407, EPI_ISL_3046416, EPI_ISL_3046420, EPI_ISL_3047596, EPI_ISL_3047597, EPI_ISL_3047598, EPI_ISL_3047599, EPI_ISL_3047600, EPI_ISL_3047601			
see above	Zavod za javno zdravstvo Medimurske Županije	Hrvatski zavod za javno zdravstvo	Irena Tabain; Ivana Ferenčak
EPI_ISL_3047689, EPI_ISL_3047691	Zavod za javno zdravstvo Varaždinske županije	Hrvatski zavod za javno zdravstvo	Irena Tabain; Ivana Ferenčak
EPI_ISL_3058139, EPI_ISL_3058141, EPI_ISL_3058142, EPI_ISL_3058143, EPI_ISL_3061264	Zavod za javno zdravstvo Zadarske Županije	Hrvatski zavod za javno zdravstvo	Irena Tabain; Ivana Ferenčak
EPI_ISL_3046432, EPI_ISL_3046434, EPI_ISL_3046435, EPI_ISL_3046436, EPI_ISL_3046437, EPI_ISL_3046439, EPI_ISL_3046441, EPI_ISL_3046442, EPI_ISL_3058175, EPI_ISL_3058176, EPI_ISL_3058177, EPI_ISL_3058179, EPI_ISL_3058180, EPI_ISL_3058181, EPI_ISL_3058182, EPI_ISL_3058183, EPI_ISL_3058184, EPI_ISL_3058185, EPI_ISL_3058186, EPI_ISL_3058187			
see above	Zavod za javno zdravstvo Šibensko- Kninske Županije	Hrvatski zavod za javno zdravstvo	Irena Tabain; Ivana Ferenčak
EPI_ISL_3016011, EPI_ISL_3016012, EPI_ISL_3016013, EPI_ISL_3016015, EPI_ISL_3016016, EPI_ISL_3016018, EPI_ISL_3016021, EPI_ISL_3016022, EPI_ISL_3016023, EPI_ISL_3016024, EPI_ISL_3016025, EPI_ISL_3016026, EPI_ISL_3016027, EPI_ISL_3016028, EPI_ISL_3016029, EPI_ISL_3016030, EPI_ISL_3016031, EPI_ISL_3016032			
see above	ZeusNjove Diagnostic LLP, Bhubaneswar	Institute of Life Sciences - INSACOG	Ajay Parida; Amol M. Kanampalliwar; Arup Ghosh; Atimukta Jha; INSACOG Consortium; Omprakash Shiriwas; Punit Prasad; Rajeeb Swain; Rupesh Dash; Safal Wallia; Sana Fatma; Shifu Aggarwal; Sunil K. Raghav
EPI_ISL_3620533	icddr,b	Institute for Developing Science and Health Initiatives (ideSHi)	Firdausi Qadri; Hassan Afrad; Omar Hamza; Sadia Rahman
EPI_ISL_3007040, EPI_ISL_3007043	inDNA Life Sciecnces, Bhubaneswar	Institute of Life Sciences - INSACOG	Ajay Parida; Amol M. Kanampalliwar; Arup Ghosh; Atimukta Jha; INSACOG Consortium; Omprakash Shiriwas; Punit Prasad; Rajeeb Swain; Rupesh Dash; Safal Wallia; Sana Fatma; Shifu Aggarwal; Sunil K. Raghav