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

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EPI_ISL_876991, EPI_ISL_876992, EPI_ISL_876	6993, EPI_ISL_876994, EPI_ISL_876995, EPI_ISL_876996, EPI_	_ISL_876997, EPI_ISL_876998, EPI_ISL_876999, EPI_ISL_8770	982, EPI_ISL_876983, EPI_ISL_876984, EPI_ISL_876985, EPI_ISL_876986, EPI_ISL_876987, EPI_ISL_876988, EPI_ISL_876989, EPI_ISL_876990, 000, EPI_ISL_877001, EPI_ISL_877002, EPI_ISL_877003, EPI_ISL_877004, EPI_ISL_877005, EPI_ISL_877006, EPI_ISL_877007, EPI_ISL_877008, 412, EPI_ISL_918413, EPI_ISL_918413, EPI_ISL_918413, EPI_ISL_918413, EPI_ISL_918413, EPI_ISL_918421, EPI_ISL_934420,
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			489, EPI_ISL_498490, EPI_ISL_498491, EPI_ISL_498492, EPI_ISL_498493, EPI_ISL_498494, EPI_ISL_498495, EPI_ISL_498496, EPI_ISL_498497,

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EPI_ISL_451540, EPI_ISL_451588, EPI_ISL_4515	590, EPI_ISL_451591, EPI_ISL_451592, EPI_ISL_451593, EPI_	_ISL_451595, EPI_ISL_451596, EPI_ISL_451598, EPI_ISL_4516	312
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EPI_ISL_1020171, EPI_ISL_1020172, EPI_ISL_1020173	AZ Klina	AZ Klina	Dr. C. Vael
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en Nutrición y Salud

Anna Uehara; Clinton Paden; Haibin Wang; Jing Zhang; Krista Queen; Suxiang Tong; Yan Li; Ying Tao

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Belize Ministry of Health

		en Nutricion y Salud	
EPI_ISL_491446	Area de Salud Alajuela Central	Inciensa, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Adriana Godinez & Melany Calderon; Claudio Soto-Garita; Estela Cordero; Francisco Duarte; Hebleen Brenes
EPI_ISL_434533, EPI_ISL_434535, EPI_ISL_491449	Area de Salud Alajuela Sur	Inciensa, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Adriana Godinez & Melany Calderon; Claudio Soto-Garita; Estela Cordero; Francisco Duarte; Hebleen Brenes; Hebleen Porras
EPI_ISL_491437, EPI_ISL_491444	Area de Salud Escazu (Coopesana)	Inciensa, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Adriana Godinez & Melany Calderon; Claudio Soto-Garita; Estela Cordero; Francisco Duarte; Hebleen Brenes
EPI_ISL_491457	Area de Salud Los Santos	Inciensa, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Adriana Godinez & Melany Calderon; Claudio Soto-Garita; Estela Cordero; Francisco Duarte; Hebleen Brenes
EPI_ISL_491445	Area de Salud Mata Redonda	Inciensa, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Adriana Godinez & Melany Calderon; Claudio Soto-Garita; Estela Cordero; Francisco Duarte; Hebleen Brenes
EPI_ISL_434539	Area de Salud Orotina	Inciensa, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Adriana Godinez & Melany Calderon; Claudio Soto-Garita; Estela Cordero; Francisco Duarte; Hebleen Porras
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see above	Area of Virology, Serology and Virology Division (SAViD), New South Wales Health Pathology Randwick	Area of Virology, Serology and Virology Division (SAViD), New South Wales Health Pathology Randwick	Rawlinson, W.
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see above	Area of Virology, Serology and Virology Division (SAViD), New South Wales Health Pathology Randwick	Virology Research Laboratory; Area of Virology, Serology and Virology Division (SAViD), New South Wales Health Pathology Randwick	Au, J.; Bull, R.; Deveson, I.; Foster, C.; Rawlinson, W.; Ruiz Silva, M.; Van Hal, S.
EPI_ISL_424668, EPI_ISL_424669, EPI_ISL_424671, EPI_ISL_467372, EPI_ISL_467373	Arizona State University Health Services	Arizona State University	Arvind Varsani; Bereket Estifanos; Brenda G. Hogue; Efrem S. Lim; Emily A. Kaelin; Jason Steel; LaRinda A. Holland; Lily I. Wu; Matthew Scotch; Nicholas J. Mellor; Peter T. Skidmore; Rabia Maqsood; Rolf U. Halden
EPI_ISL_457826	Army Medical Center - Scientific Department	Army Medical and Veterinary Research Center	Anna Anselmo; Antonella Fortunato; Florigio Lista; Francesco Giordani; Giovanni Faggioni; Nino D'Amore; Riccardo De Sanctis; Silvia Fillo; Vanessa Vera Fain
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EPI_ISL_416519	Auckland Hospital	Institute of Environmental Science and Research (ESR)	Erasmus Smit; Gary McAuliffe; Joep de Ligt; Lauren Jelly; Matt Storey; Matthew Blakiston; Sally Roberts; Xiaoyun Ren
EPI_ISL_451486, EPI_ISL_451574, EPI_ISL_451599	Australian Clinical Labs	NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney	CIDM-PH et al.
EPI_ISL_475853, EPI_ISL_475854, EPI_ISL_475	832, EPI_ISL_475833, EPI_ISL_475834, EPI_ISL_475836, EPI_ 855, EPI_ISL_475859, EPI_ISL_475860, EPI_ISL_475863, EPI_ 884, EPI_ISL_475886, EPI_ISL_583577, EPI_ISL_583578, EPI_	ISL_475864, EPI_ISL_475866, EPI_ISL_475869, EPI_ISL_4758	840, EPL_ISL_475841, EPL_ISL_475843, EPL_ISL_475844, EPL_ISL_475845, EPL_ISL_475848, EPL_ISL_475849, EPL_ISL_475850, EPL_ISL_475851, 871, EPL_ISL_475872, EPL_ISL_475873, EPL_ISL_475874, EPL_ISL_475875, EPL_ISL_475876, EPL_ISL_475878, EPL_ISL_475879, EPL_ISL_475880, 549, EPL_ISL_583658, EPL_ISL_583678, EPL_ISL_583686
see above	Austrian Agency for Health and Food Safety (AGES)	Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Adi Steinrigl; Alexander Lercher; Alexandra Popa; Andreas Bergthaler; Benedikt Agerer; Christian Paar; Christoph Bock; Daniela Schmid; Dorothee von Laer; Elisabeth Puchhammer-Stoeckl; Franz Allerberger; Gernot Walder; Gregor Hörmann; Guenter Weiss; Gunther Vogl; Henrique Colaco; Jakob-Wendelin Genger; Jan Laine; Judith Aberle; Kinga Rigler-Hohenwarter; Lukas Endler; Manfred Nairz; Mark Smyth; Martin Senekowitsch; Michael Schuster; Peter Hufnagl; Peter Obrist; Rainer Gattringer; Sabine Sussitz-Rack; Stephan Aberle; Thomas Penz; Wegene Borena
EPI_ISL_514645	Avera Mckennan Laboratory	Minnesota Department of Health, Public Health Laboratory	Jacob Garfin; Matt Plumb; and Xiong Wang
EPI_ISL_418833, EPI_ISL_418834, EPI_ISL_418		ISL_418839, EPI_ISL_418840, EPI_ISL_418841, EPI_ISL_4188	822, EPL ISL_418823, EPL ISL_418824, EPL ISL_418825, EPL ISL_418826, EPL ISL_418829, EPL ISL_418830, EPL ISL_418831, EPL ISL_418832, 842, EPL ISL_418843, EPL ISL_418844, EPL ISL_418844, EPL ISL_418845, EPL ISL_418850,
see above	BCCDC Public Health Laboratory	BCCDC Public Health Laboratory	Choi; Gilmour; Harrigan; Hoang; Kamelian; Krajden; Lapointe; Lee; Levett; Li; Loman; Prystajecky; Quick; Sekirov; Snutch; Tyson
EPI_ISL_1259400, EPI_ISL_1260834	BSL-3 Lab, National Institute for Viral Disease Control and Prevention, Chinese Center for Disease Control and Prevention	BSL-3 Lab, National Institute for Viral Disease Control and Prevention, Chinese Center for Disease Control and Prevention	Dayan Wang; George F. Gao; Guizhen Wu; Jing Zhang; Jun Han; Peipei Liu; Shumei Zou; Xiang Zhao; Yuchao Wu; Zhixiao Chen
EPI_ISL_434693, EPI_ISL_434694	Bamrasnaradura hospital	National Institute of Health. Department of medical Sciences, Ministry of Public Health, Thailand	Chittaganpitch; Malinee; Okada; Parnmen; Phuygun; Pilailuk; Siripaporn; Sittiporn; Sunthareeya; Thanadachakul; Thanutsapa; Waicharoen; Warawan; Wongboot
EPI_ISL_842822, EPI_ISL_842823, EPI_ISL_842831	Barts Health NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	BROAD; Beatrix; CUTINO-MOGUEL; Claire; David; Dola; HARRINGTON; KELE; Maria-Teresa; OWOYEMI; Raghavendran; SHYLINI
EPI_ISL_541760, EPI_ISL_541761, EPI_ISL_541	769, EPI_ISL_541770, EPI_ISL_541771, EPI_ISL_541777, EPI_	JSL_541782	
see above	Barts Health NHS Trust	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium	Beatrix Kele; Cordelia Langford; David Harrington and Alex Alderton; David K. Jackson; Dominic Kwiatkowski; Ewan Harrison; Ian Johnston; John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team; Mark Hopkins; Roberto Amato; Sonia Goncalves; Teresa Cutino-Moguel
EPI_ISL_1143994, EPI_ISL_1144003	Bayerisches Landesamt für Gesundheit und Lebensmittelsicherheit (LGL)	Robert Koch Institute	
EPI_ISL_444022, EPI_ISL_445078, EPI_ISL_445	079, EPI_ISL_445080, EPI_ISL_445081, EPI_ISL_445082, EPI_	ISL_445083, EPI_ISL_445084, EPI_ISL_501167	
see above	Baylor College of Medicine	Baylor College of Medicine: HGSC	David Henke; Donna Muzny; Erin Nicholson; George Weissenberger; Ginger Metcalf; Harsha Doddapaneni; Hsu Chao; Hua Shen; Joseph F. Petrosino; Kavya Kottapalli; Kristi L. Hoffman; Matthew C. Ross; Matthew Wong; Pedro Piedra; Qingchang Meng; Richard Sucgang; Sara J.J. Cregeen; Sejal Salvi; Tulin Ayvaz; Vasanthi Avadhanula; Vipin Menon; Yimit Meiheerguli; Zeineen Momin
EPI_ISL_412386	Beijing Ditan Hospital, Capital Medical University	National Institute for Communicable Disease Control and Prevention, Chinese Center for Disease Control and Prevention	Biao Kan; Chuansheng Li; Fangfang Jin; Haijian Zhou; Haofeng Xiong; Hebing Guo; Huizhu Wang; Jianbo Tan; Jie Gong; Jingjing Hao; Jingyuan Liu; Lili Gao; Lin Pu; Ming Zhang; Pan Xiang; Ruihong Li; Xiaoping Chen; Xin Lu; Xinmin Xu; Yajie Wang; Yanwen Xiong; Yao Sun; Yufeng Liu
EPI ISL 424355, EPI ISL 424356. EPI ISL 424	357, EPI ISL 424358, EPI ISL 424359, EPI ISL 424360, EPI		216, EPI ISL 529217
see above	Beijing Institute of Microbiology and Epidemiology		B. and Cui, Y.; Cui, Y.; Fan; Fan, H.; Guo, Y.; Hang; Hou, J.; Li, B.; Mi, Z.; Mu, J.; Qin, E.; Song; Song, Y.; Teng; Teng, Y.; Wu, Y.; Xu, Z.; Yajun.; Yang, R.; Yong, Y.; Yue; Zhang, X.
EPI ISI 509711 EPI ISI 509712	Belize Ministry of Health	Pathogen Discovery Respiratory Viruses Branch Division of	Anna Hebara: Clinton Paden: Haibin Wann; Jing Taban: Krista Queen: Suxiang Tong: Yan Li: Ying Tag

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EPI_ISL_509713 Viral Diseases, Centers for Disease Control and Prevention

EPI ISL 631580, EPI ISL 631804, EPI ISL 631838, EPI ISL 632068, EPI ISL 632069, EPI ISL 632098, EPI ISL 632121, EPI ISL 632136

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EPI ISL 457824 Bezmialem Vakif University, Dept Microbiology, Medical Bezmialem Vakif University, Medical School & Beykoz Institute Bilge Sumbul: Elif Karaaslan: Filiz Gunev: Mehmet Z. Dovmaz: Merve Kalkan: Nesibe Cetin School, Fatih, Istanbul, Turkey of Life Sciences & Biotechnology EPI ISL 429992, EPI ISL 429994, EPI ISL 429994, EPI ISL 429996, EPI ISL 429996, EPI ISL 429996, EPI ISL 429996, EPI ISL 430007, EPI ISL 430007 EPI ISL 430014, EPI_ISL_430015, EPI_ISL_434516 Biolab Diagnostic Laboratories Andersen lab at Scripps Research Ahmad Tibi: Amid Abdelnour with SEARCH Alliance San Diego: Issa Abu-Davveh; Lama Hussein; Lina Mohammad; Zein Naber EPI ISL 516079, EPI ISL 516080, EPI ISL 516081, EPI ISL 516082, EPI ISL 516083, EPI ISL 516084, EPI ISL 516085, EPI ISL 516086, EPI ISL 516087, EPI ISL 516088 see ahove Biomedical Sciences and Public Health, Polytechnic University Biomedical Sciences and Public Health. 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EPI ISL 64956, EPI ISL 64966, EPI IS EDI ISI 649969 EDI ISI 649970 see above CHU Bordeaux CNR Virus des Infections Respiratoires - France SUD Antonin Bal: Bruno Lina: Camille Ciccone: Gregory Destras: Gwendolyne Burfin: Hadrien Rèque: Isabelle Garrique: Laurence Josset: Marie-Edith Lafon: Martine Valette: Pantxika Bellecave: Pascale Trimoulet: Quentin Semanas EPI_ISL_645188, EPI_ISL_660355, EPI_ISL_660355, EPI_ISL_660355, EPI_ISL_660357, EPI_ISL_660357, EPI_ISL_660358, EPI_ISL_660358, EPI_ISL_660358, EPI_ISL_660359, EPI_ISL_660359 Amélie Brebion; Antonin Bal; Audrey Mirand; Bruno Lina; Christel Regagnon; Christine Archimbaud; Cécile Henguell; Gregory Destras; Gwendolyne Burfin; CHU Clermont-Ferrand CNR Virus des Infections Respiratoires - France SUD see above Hadrien Règue; Hélène Chabrolles; Laurence Josset; Martine Chambon: Martine Valette; Maxime Bisseux: Patricia Combes: Quentin Semanas EPI ISL 418002 CHI L Coimbra Instituto Nacional de Saude (INSA) Guiomar et al EPI ISL 418005 CHU Coimbra - Pediátrico Instituto Nacional de Saude (INSA) Guiomar et al EPI ISL 416751, EPI ISL 416752 CHU Gabriel Montpied CNR Virus des Infections Respiratoires - France SLID Alexandre; Antonin; Bal; Bouscambert-Duchamp; Brengel-Pesce; Bruno.; Cheynet; Destras; Florence; Gaymard; Gregory; Josset; Karen; Laurence; Lina; Martine: Maude: Morfin-Sherna: Valette: Valérie EPI ISL 644685, EPI ISL 644686, EPI ISL 644688, EPI ISL 644687, EPI ISL 644689, EPI ISL 644689, EPI ISL 644689, EPI ISL 644687, EPI ISL 644689, EPI ISL 644689 EPI ISL 660676, EPI ISL 660677, EPI ISL 660677, EPI ISL 660679, EPI ISL 660680, EPI ISL 660680, EPI ISL 660680, EPI ISL 660681, EPI ISL 660681 CHLI Montpellier CNR Virus des Infections Respiratoires - France SUD Antonin Bal; Bruno Lina; Gregory Destras; Gwendolyne Burfin; Hadrien Rèque; Laurence Josset; Martine Valette; Michel Segondy; Quentin Semanas; Vincent Foulangne EPI_ISL_649177, EPI_ISL_649177, EPI_ISL_6649177, EPI_ISL_663257, EPI_ISL_66325 EPI ISL 663261, EPI ISL 663262, EPI ISL 663263, EPI ISL 663264, EPI ISL 663265, EPI ISL 663266, EPI ISL 700371 Antonin Bal: Bruno Lina; Celine Bressollette; Gregory Destras; Gwendolyne Burfin; Hadrien Rèque; Laurence Josset; Louise Castain; Martine Valette; CHU Nantes see above CNR Virus des Infections Respiratoires - France SUD Quentin Semanas; Virginie Ferré EPI ISL 644697, EPI ISL 644697, EPI ISL 644698, EPI ISL 644698, EPI ISL 644700, EPI ISL 644700, EPI ISL 644700, EPI ISL 660715, EPI ISL 660715, EPI ISL 660717, EPI ISL 660717, EPI ISL 660717, EPI ISL 644698, EPI ISL 644698 EPI ISL 660718 see above CHI I Nîmes CNR Virus des Infections Respiratoires - France SUD Antonin Bal; Bruno Lina; Gregory Destras; Gwendolyne Burfin; Hadrien Règue; Jean-Philippe Lavigne; Laurence Josset; Marie-Josée Carles; Martine Valette: Maxence Lotellier: Quentin Semanas: Stephan Robin EPI ISL 6632216, EPI ISL 663227, EPI ISL 663228, EPI ISL 663229, EPI ISL 663230, EPI ISL 663231, EPI ISL 663232, EPI ISL 663233, EPI ISL 663234, EPI ISL 663235, EPI ISL 663235, EPI ISL 663236, EPI ISL 663236, EPI ISL 663236, EPI ISL 663237, EPI ISL 663238, EPI ISL 663238, EPI ISL 663238, EPI ISL 663239, EPI ISL 66323 CNR Virus des Infections Respiratoires - France SUD Agnès Beby-Defaux; Antonin Bal; Bruno Lina; Clément Jousselin; Gregory Destras; Gwendolyne Burfin; Hadrien Règue; Laurence Josset; Magali Garcia; see above Martine Valette; Nicolas Lévêque; Quentin Semanas EPI ISL 671976 CHU Purpan - Laboratoire de Virologie - Institut Fédératif de CHU Purpan - Laboratoire de Virologie - Institut Fédératif de Boyer P.; Carcenac R.; Dubois M.; Harter A.; Izopet J.; Latour J.; Ranger N.; Tremeaux P. Biologie Biologie EPI ISL 434626 EPI ISL 434627 Laboratoire de virologie - École Nationale Vétérinaire de CHU Purpan - Laboratoire de Virologie - Institut Fédératif de Guillaume Croville; Jacques Izopet; Jean-Luc Guérin Biologie Toulouse EPI ISL 535732, EPI ISL 535801 Guillaume Bourque; Ioannis Ragoussis; Jesse Shapiro; Mark Lathrop and Michel Roger; Mark Lathrop and Michel Roger on behalf of the CoVSeQ CHU Sainte-Justine Laboratoire de santé publique du Québec research group: Sandrine Moreira EPI ISL 641551, EPI ISL 641552. CHU Toulouse CNR Virus des Infections Respiratoires - France SUD Antonin Bal: Bruno Lina: Gregory Destras: Gwendolyne Burfin: Hadrien Rèque; Jean Michel Mansuy: Laurence Josset: Martine Valette: Quentin Semanas EPI_ISL_641553, EPI_ISL_660373 EPI ISL 644673. EPI ISL 644674. EPI ISL 644675. EPI ISL 645174. EPI ISL 645175. EPI ISL 645175 EPI_ISL_663211, EPI_ISL_663212, EPI_ISL_663213, EPI_ISL_663214, EPI_ISL_663215, EPI_ISL_663215, EPI_ISL_663216, EPI_ISL_663216, EPI_ISL_663217, EPI_ISL_663218, EPI_ISL_663218 CHU de Limoges CNR Virus des Infections Respiratoires - France SUD Antonin Bal; Bruno Lina; Gregory Destras; Gwendolyne Burfin; Hadrien Rèque; Laurence Josset; Martine Valette; Quentin Semanas; Sylvie Rogez see above EPI ISL 645173 CHU de Nice CNR Virus des Infections Respiratoires - France SUD Antonin Bal; Bruno Lina; Gregory Destras; Gwendolyne Burfin; Géraldine Gonfrier; Hadrien Rèque; Laurence Josset; Martine Valette; Quentin Semanas; Valérie Giordanengo EPI ISL 641520, EPI ISL 693387, CHU de Nice - Hôpital Archet 2 CNR Virus des Infections Respiratoires - France SUD Antonin Bal; Bruno Lina; Gregory Destras; Gwendolyne Burfin; Géraldine Gonfrier; Hadrien Rèque; Laurence Josset; Martine Valette; Quentin Semanas; EPI ISL 693388, EPI ISL 693389. Valérie Giordanengo EPI_ISL_693390 EPI ISL 641522 CHU de Nice - Hônital Archet 3 CNR Virus des Infections Respiratoires - France SLID Antonin Bal; Bruno Lina; Gregory Destras; Gwendolyne Burfin; Géraldine Gonfrier; Hadrien Rèque; Laurence Josset; Martine Valette; Quentin Semanas; Valérie Giordanengo CHU de Nice - Hôpital Archet 4 Antonin Bal; Bruno Lina; Gregory Destras; Gwendolyne Burfin; Géraldine Gonfrier; Hadrien Règue; Laurence Josset; Martine Valette; Quentin Semanas; EPI_ISL_641523 CNR Virus des Infections Respiratoires - France SLID Valérie Giordanendo Antonin Bal; Bruno Lina; Gregory Destras; Gwendolyne Burfin; Géraldine Gonfrier; Hadrien Rèque; Laurence Josset; Martine Valette; Quentin Semanas; EPI ISL 641524 CHU de Nice - Hôpital Archet 5 CNR Virus des Infections Respiratoires - France SUD Valérie Giordanengo CNR Virus des Infections Respiratoires - France SUD Antonin Bal; Bruno Lina; Gregory Destras; Gwendolyne Burfin; Géraldine Gonfrier; Hadrien Rèque; Laurence Josset; Martine Valette; Quentin Semanas; EPI ISL 641525 CHI I de Nice - Hônital Archet 6 Valérie Giordanengo Antonin Bal; Bruno Lina; Gregory Destras; Gwendolyne Burfin; Géraldine Gonfrier; Hadrien Rèque; Laurence Josset; Martine Valette; Quentin Semanas; EPI ISL 641526 CHU de Nice - Hôpital Archet 7 CNR Virus des Infections Respiratoires - France SUD

EPI_ISL_641538, EPI_ISL_641539, EPI_ISL_641540, EPI_ISL_641540, EPI_ISL_641542, EPI_ISL_641543, EPI_ISL_640329, EPI_ISL_660329, EPI_ISL_660330, EPI_ISL_660331, EPI_ISL_660340, EPI_ISL_660346, EPI_ISL_660349, EPI_ISL_660349

see above CHU de Saint-Étienne Hôpital Nord CNR Virus des Infections Respiratoires - France SUD Antonin Bal; Bruno Lina; Bruno Pozzetto; Gregory Destras; Gwendolyne Burfin; Hadrien Rèque; Issam Bechri; Laurence Josset; Manon Vogriq; Marine

Delorme; Martine Valette; Quentin Semanas; Sylvie Gonzalo; Sylvie Pillet; Thomas Bourlet

EPI_ISL_418024 CHUA - Faro Instituto Nacional de Saude (INSA) Guiomar et al

CNR Virus des Infections Respiratoires - France SUD

EPI_ISL_535736, EPI_ISL_535737, EPI_ISL_535741, EPI_ISL_535741

see above CHUL-LABO MULTI / MICRO Laboratoire de santé publique du Québec Guillaume Bourque; loannis Ragoussis; Jesse Shapiro; Mark Lathrop and Michel Roger; Mark Lathrop and Michel Roger on behalf of the CoVSeQ research group; Sandrine Moreira

EPI_ISL_417988, EPI_ISL_417990, EPI_ISL_417991, EPI_ISL_417994, EPI_ISL_417995, EPI_ISL_417996, EPI_ISL_418010, EPI_ISL_418011, EPI_ISL_418012, EPI_ISL_418013, EPI_ISL_418014, EPI_ISL_418015, EPI_ISL_418016

CHU de Nice - Hôpital Archet 9

EPI ISL 641527

see above CHULC - H Curry Cabral Instituto Nacional de Saude (INSA) Guiomar et al

EPI_ISL_417992, EPI_ISL_417993 CHULC - H D Estefania Instituto Nacional de Saude (INSA) Guiomar et al

EPI_ISL_535726, EPI_ISL_535729, EPI_ISL_535735, EPI_ISL_535735, EPI_ISL_535740, EPI_ISL_535783, EPI_ISL_535783, EPI_ISL_535882, EPI_ISL_535806, EPI_ISL_535827, EPI_ISL_535830, EPI_ISL_535830

see above CHUM - Microbiologie - Hôpital Saint-Luc Laboratoire de santé publique du Québec Guillaume Bourque; Ioannis Ragoussis; Jesse Shapiro; Mark Lathrop and Michel Roger; Mark Lathrop and Michel Roger on behalf of the CoVSeQ

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EPI_ISL_445245, EPI_ISL_445248, EPI_ISL_445	5250, EPI_ISL_445254, EPI_ISL_445255, EPI_ISL_445258, EPI_	ISL_445260	
see above	CLINICA ALEMANA DE SANTIAGO S.A.	Instituto de Salud Publica de Chile	Alejandra Acevedo; Andrés E Castillo; Bárbara Parra; Carolina Tambley; Gabriel Leal; Jaime Lagos; Jorge Fernandez; Loredana Arata; Patricia Bustos; Paz Tapia; Rodrígo Fasce; Winston Andrade
EPI_ISL_445272, EPI_ISL_445285, EPI_ISL_445287	CLINICA CIUDAD DEL MAR	Instituto de Salud Publica de Chile	Alejandra Acevedo; Andrés E Castillo; Bárbara Parra; Carolina Tambley; Gabriel Leal; Jaime Lagos; Jorge Fernandez; Loredana Arata; Patricia Bustos; Paz Tapia; Rodrígo Fasce; Winston Andrade
EPI_ISL_445297	CLINICA INTEGRAL S.A.	Instituto de Salud Publica de Chile	Alejandra Acevedo; Andrés E Castillo; Bárbara Parra; Carolina Tambley; Gabriel Leal; Jaime Lagos; Jorge Fernandez; Loredana Arata; Patricia Bustos; Paz Tapia; Rodrígo Fasce; Winston Andrade
EPI_ISL_445259	CLINICA LAS CONDES S.A.	Instituto de Salud Publica de Chile	Alejandra Acevedo; Andrés E Castillo; Bárbara Parra; Carolina Tambley; Gabriel Leal; Jaime Lagos; Jorge Fernandez; Loredana Arata; Patricia Bustos; Paz Tapia; Rodrígo Fasce; Winston Andrade
EPI_ISL_445282, EPI_ISL_445283, EPI_ISL_445290, EPI_ISL_445292	CLINICA MAGALLANES S.A.	Instituto de Salud Publica de Chile	Alejandra Acevedo; Andrés E Castillo; Bárbara Parra; Carolina Tambley; Gabriel Leal; Jaime Lagos; Jorge Fernandez; Loredana Arata; Patricia Bustos; Paz Tapia; Rodrígo Fasce; Winston Andrade
EPI_ISL_445264	CLINICA REDSALUD VITACURA.	Instituto de Salud Publica de Chile	Alejandra Acevedo; Andrés E Castillo; Bárbara Parra; Carolina Tambley; Gabriel Leal; Jaime Lagos; Jorge Fernandez; Loredana Arata; Patricia Bustos; Paz Tapia; Rodrígo Fasce; Winston Andrade
EPI_ISL_445249	CLINICA SANTA MARIA S.A.	Instituto de Salud Publica de Chile	Alejandra Acevedo; Andrés E Castillo; Bárbara Parra; Carolina Tambley; Gabriel Leal; Jaime Lagos; Jorge Fernandez; Loredana Arata; Patricia Bustos; Paz Tapia; Rodrigo Fasce; Winston Andrade
EPI_ISL_445262	CLINICA TABANCURA	Instituto de Salud Publica de Chile	Alejandra Acevedo; Andrés E Castillo; Bárbara Parra; Carolina Tambley; Gabriel Leal; Jaime Lagos; Jorge Fernandez; Loredana Arata; Patricia Bustos; Paz Tapia; Rodrigo Fasce; Winston Andrade
EPI_ISL_445306, EPI_ISL_445312, EPI_ISL_445315, EPI_ISL_445361	CLINICA UC SAN CARLOS DE APOQUINDO	Instituto de Salud Publica de Chile	Alejandra Acevedo; Andrés E Castillo; Bárbara Parra; Carolina Tambley; Gabriel Leal; Jaime Lagos; Jorge Fernandez; Loredana Arata; Patricia Bustos; Paz Tapia; Rodrigo Fasce; Winston Andrade
EPI_ISL_445334	CLINICA UNIVERSITARIA DE PUERTO MONTT S.A.	Instituto de Salud Publica de Chile	Alejandra Acevedo; Andrés E Castillo; Bárbara Parra; Carolina Tambley; Gabriel Leal; Jaime Lagos; Jorge Fernandez; Loredana Arata; Patricia Bustos; Paz Tapia; Rodrigo Fasce; Winston Andrade
EPI_ISL_445330	CLINICA VESPUCIO S. A.	Instituto de Salud Publica de Chile	Alejandra Acevedo; Andrés E Castillo; Bárbara Parra; Carolina Tambley; Gabriel Leal; Jaime Lagos; Jorge Fernandez; Loredana Arata; Patricia Bustos; Paz Tapia; Rodrigo Fasce; Winston Andrade
EPI_ISL_536310	CLSC et Centre d'Hébergement la Petite-Nation	Laboratoire de santé publique du Québec	Guillaume Bourque; Ioannis Ragoussis; Jesse Shapiro; Mark Lathrop and Michel Roger on behalf of the CoVSeQ research group; Sandrine Moreira
EPI_ISL_420043, EPI_ISL_420061	CMIP	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Angela Brisebarre; Etienne Simon-Lorière; Flora Donati; Marion Barbet; Maud Vanpeene; Mélanie Albert; Méline Bizard; Sylvie Behillil; Sylvie van der Werf; Vincent Enouf
EPI_ISL_508999, EPI_ISL_509000, EPI_ISL_509	6746, EPI_ISL_508933, EPI_ISL_508937, EPI_ISL_508939, EPI_ 9001, EPI_ISL_509002, EPI_ISL_525536, EPI_ISL_525537, EPI_ 1261, EPI_ISL_681262, EPI_ISL_681263, EPI_ISL_1359938	ISL_508940, EPI_ISL_508942, EPI_ISL_508945, EPI_ISL_508 ISL_525540, EPI_ISL_525541, EPI_ISL_525542, EPI_ISL_525	948, EPI_ISL_508951, EPI_ISL_508953, EPI_ISL_508954, EPI_ISL_508955, EPI_ISL_508956, EPI_ISL_508957, EPI_ISL_508966, EPI_ISL_50897, 543, EPI_ISL_578176, EPI_ISL_578177, EPI_ISL_678494, EPI_ISL_678495, EPI_ISL_678496, EPI_ISL_678497, EPI_ISL_678498, EPI_ISL_678499,
see above	CNR Virus des Infections Respiratoires - France SUD	CNR Virus des Infections Respiratoires - France SUD	Alexandre; Alexandre Gaymard; Antonin; Antonin Bal; Bal; Bouscambert-Duchamp; Brengel-Pesce; Bruno Lina; Bruno.; Carine Moustaud; Cheynet; Destras; Emilie Frobert; Florence; Florence Morfin-Sherpa; Gaymard; Gregory; Gregory Destras; Gregory Queromes; Gwendolyne Burfin; Hadrien Regue; Josset; Karen; Laurence; Laurence Josset; Lina; Martine; Martine Valette; Maude; Maude Bouscambert-Duchamp; Morfin-Sherpa; Quentin Semanas; Raphaelle Lamy; Solenne Brun; Valette; Valérie
EPI_ISL_452127, EPI_ISL_452128, EPI_ISL_452129, EPI_ISL_452130	CO Department of Public Health and Environment	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Alison S. Laufer Halpin; Anna Montmayeur; Anna Uehara; Christopher A. Elkins; Clinton R. Paden; Haibin Wang; Jing Zhang; Krista Queen; Mary S. Keckler; Rachel Marine; Suxiang Tong; Yan Li; Ying Tao; Zachary Weiner
EPI_ISL_416994, EPI_ISL_418248, EPI_ISL_418249	COMPLEJO ASISTENCIAL UNIVERSITARIO DE BURGOS	Instituto de Salud Carlos III	A. Monzón; F. Casas; G. Hospital:; I. Jiménez; I. Megias-Lobon G.; Iglesias-Caballero; M. Camarero; M. Camarero S. Pozo F. Casas I. Jiménez P. Jiménez M. Zaballos A. Monzón; M. Cuesta; M. González-Esquevillas; M. Molinero Calamita; M. Zaballos; P. Jiménez; S. Juliá; S. Juliá M. Cuesta I. Megias Lobón; S. Pozo; S. Varona.
EPI_ISL_412981	CR&WISCO GENERAL HOSPITAL	Hubei Provincial Center for Disease Control and Prevention	Bin Fang; Bo Yang; Bo Yu; Faxian Zhan; Guojun Ye; Jing Li; Junqiang Xu; Kun Cai; Linlin Liu; Xiang Li; Xiao Yu; Xixiang Huo; Yongzhong Jiang.
EPI_ISL_447556, EPI_ISL_447557, EPI_ISL_447	7558, EPI_ISL_447559, EPI_ISL_447560, EPI_ISL_447561, EPI_	.ISL_447562, EPI_ISL_447563, EPI_ISL_447847, EPI_ISL_447	
see above	CSIR-Centre for Cellular and Molecular Biology	CSIR-Centre for Cellular and Molecular Biology	Archana Bharadwaj Siva; Dhiviya Vedagiri; Divya Gupta; Divya Tej Sowpati; Karthik Bharadwaj Tallapaka; Krishnan Harinivas Harshan; Lamuk Zaveri; Namami Gaur; Payel Mukherjee; Priya Singh; Purushotham Vodnala; Rakesh K Mishra; Sakshi Shambhavi; Santosh Kumar Kuncha; Shagufta Khan; Sofia Banu; Tulasi Nagabandi; Vishal Sah
	6150, EPI_ISL_536158, EPI_ISL_536160, EPI_ISL_536166, EPI_		902, EPI_ISL_535910, EPI_ISL_535928, EPI_ISL_535946, EPI_ISL_535984, EPI_ISL_536027, EPI_ISL_536028, EPI_ISL_536040, EPI_ISL_536042, 216, EPI_ISL_536237, EPI_ISL_536243, EPI_ISL_536272, EPI_ISL_536278, EPI_ISL_536286, EPI_ISL_536299, EPI_ISL_536301, EPI_ISL_536302,
see above	CSSS Haut-Richelieu/Rouville (Hôpital)	Laboratoire de santé publique du Québec	Guillaume Bourque; loannis Ragoussis; Jesse Shapiro; Mark Lathrop and Michel Roger; Mark Lathrop and Michel Roger on behalf of the CoVSeQ research group; Sandrine Moreira
EPI_ISL_536109	CSSS de Port-Cartier	Laboratoire de santé publique du Québec	Guillaume Bourque; Ioannis Ragoussis; Jesse Shapiro; Mark Lathrop and Michel Roger on behalf of the CoVSeQ research group; Sandrine Moreira
EPI_ISL_536206, EPI_ISL_536260	CSSS de la Minganie	Laboratoire de santé publique du Québec	Guillaume Bourque; Ioannis Ragoussis; Jesse Shapiro; Mark Lathrop and Michel Roger on behalf of the CoVSeQ research group; Sandrine Moreira
EPI_ISL_426416, EPI_ISL_812141	CT-Dr. Katherine A. Kelley State Public Health Lab	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Alison S. Laufer Halpin; Anna Montmayeur; Anna Uehara; Brian Lynch; Christopher A. Elkins; Clinton R. Paden; Haibin Wang; Jing Zhang; Krista Queen; Mary S. Keckler; Peter Cook; Rachel Marine; Suxiang Tong; Yan Li; Ying Tao
EPI_ISL_468314	CTA Centro de Testagem e Aconselhamento	Instituto Adolfo Lutz, Interdiciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valessa Ramos Gomes
EPI_ISL_445303	CTRO.DE SALUD FAMILIAR DR. RAUL YAZIGI	Instituto de Salud Publica de Chile	Alejandra Acevedo; Andrés E Castillo; Bárbara Parra; Carolina Tambley; Gabriel Leal; Jaime Lagos; Jorge Fernandez; Loredana Arata; Patricia Bustos; Paz Tapia; Rodrigo Fasce; Winston Andrade
EPI_ISL_451935, EPI_ISL_452142	CUB Hopital Erasme Laboratoire d'Anatomie Pathologique	CUB Hopital Erasme Laboratoire d'Anatomie Pathologique	Dr. Nicky D'Haene; Isabelle Salmon; Nikcy D'Haene; Prof. Isabelle Salmon
EPI_ISL_535749, EPI_ISL_535761, EPI_ISL_53	5764, EPI_ISL_535765, EPI_ISL_535811, EPI_ISL_536337, EPI_	ISL_536365, EPI_ISL_536366	
see above	CUSM-Site Glen-LAB Microbiologie	Laboratoire de santé publique du Québec	Guillaume Bourque; loannis Ragoussis; Jesse Shapiro; Mark Lathrop and Michel Roger; Mark Lathrop and Michel Roger on behalf of the CoVSeQ research group; Sandrine Moreira
EPI_ISL_428367, EPI_ISL_443300, EPI_ISL_443	3301, EPI_ISL_443302, EPI_ISL_443311, EPI_ISL_443312, EPI_	ISL_443313, EPI_ISL_443317	
see above	Cabinet Médical	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Angela Brisebarre; Etienne Simon-Lorière; Flora Donati; Marion Barbet; Maud Vanpeene; Mélanie Albert; Méline Bizard; Sylvie Behillil; Sylvie van der Werf; Vincent Enouf
EPI_ISL_418235	Cabinet médical	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Angela Brisebarre; Etienne Simon-Lorière; Flora Donati; Marion Barbet; Maud Vanpeene; Mélanie Albert; Méline Bizard; Sylvie Behillil; Sylvie van der Werf; Vincent Enouf
EPI_ISL_418812, EPI_ISL_418813, EPI_ISL_429	9807, EPI_ISL_429817, EPI_ISL_429818, EPI_ISL_429819, EPI_	ISL_429820, EPI_ISL_482474, EPI_ISL_482475, EPI_ISL_482	478, EPI_ISL_482480, EPI_ISL_482481, EPI_ISL_482482, EPI_ISL_482483, EPI_ISL_482484

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EPI_ISL_445245, EPI_ISL_445248, EPI_ISL_445250, EPI_ISL_445254, EPI_ISL_445255, EPI_ISL_445258, EPI_ISL_445260

Cadham Provincial Laboratory

see above

EPI_ISL_582242, EPI_ISL_582244, EPI_ISL_582244, EPI_ISL_582244, EPI_ISL_582245, EPI_ISL_582246, EPI_ISL_582265, EPI_ISL_582266, EPI_ISL_582266, EPI_ISL_582267, EPI_ISL_582267 EPI ISL 582277, EPI ISL 582278, EPI ISL 582288, EPI ISL 582288, EPI ISL 582289, EPI ISL 582277, EPI ISL 582289, EPI ISL 582277, EPI ISL 582289, EPI ISL 58289, EPLISI, 582393, EPLISI, 582395, EPLISI, 582397, EPLISI, 582397, EPLISI, 582399, EPLISI, 582397, EPLISI, 582393, EPLISI, 582397, EPLISI, 582393, EPLISI, 582393, EPLISI, 582393, EPLISI, 582397, EPLISI, 582393, EPLISI, 582393, EPLISI, 582393, EPLISI, 582397, EPLISI, 582393, EPLISI, 582393 EPI ISL 582336, EPI ISL 582337, EPI ISL 582336, EPI ISL 582337, EPI ISL 582336, EPI ISL 582337, EPI ISL 58237, EPI I EPI ISL 582387, EPI ISL 582394, EPI ISL 582400, EPI ISL 582413

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EPI ISL 632910, EPI ISL 632911, EPI ISL 632912, EPI ISL 632912, EPI ISL 632914, EPI ISL 632914, EPI ISL 632927, EPI ISL 632928, EPI ISL 632929, EPI ISL 632929 EPI ISL 632930, EPI ISL 632931, EPI ISL 632932, EPI ISL 632933

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EPI ISL 935753, EPI ISL 979273, EPI ISL 979274, EPI ISL 979275, EPI ISL 979275, EPI ISL 979276, EPI ISL 979276, EPI ISL 979278, EPI ISL 979286, EPI ISL 979286, EPI ISL 979286, EPI ISL 979286, EPI ISL 979287, EPI ISL 979287, EPI ISL 979287, EPI ISL 979278, EPI ISL 979287, EPI ISL 979287

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EPI ISL 515894, EPI ISL 515894, EPI ISL 515896, EPI ISL 515896, EPI ISL 515907, EPI ISL 515909, EPI ISL 515909

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EPI_ISL_413557, EPI_ISL_413558, EPI_ISL_413559, EPI_ISL_413561, EPI_ISL_413924, EPI_ISL_413925, EPI_ISL_413928

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Pathogen Discovery, Respiratory Viruses Branch, Division of Anna Uehara; Brett L. Whitaker; Brian Lynch; Clinton R. Paden; Haibin Wang; Janna' R. Murray; Jing Zhang; Krista Queen; Lijuan Wang; Senthil Kumar K. EPI_ISL_411955 California Department of Public Health Viral Diseases, Centers for Dieases Control and Prevention Sakthivel; Shifaq Kamili; Stephen Lindstrom; Susan I. Gerber; Suxiang Tong; Xiaoyan Lu; Yan Li; Ying Tao

EDI ISI 412862 EDI ISI 419554 California Department of Public Health Pathogen Discovery, Respiratory Viruses Branch. Division of Anna Uehara; Brett L. Whitaker; Brian Lynch; Clinton Paden; Clinton R. Paden; Haibin Wang; Janna' R. Murray; Jasmine Padilla; Jing Zhang; Julu EPI_ISL_594458 Viral Diseases, Centers for Disease Control and Prevention Bhatnagar; Justin Lee; Krista Queen; Lijuan Wang; Senthil Kumar K. Sakthivel; Shifag Kamili; Stephen Lindstrom; Susan I. Gerber; Suxiang Tong; Xiaoyan Lu: Yan Li: Ying Tao

Alyssa Pyke; Amanda De Jong; Andrew Van Den Hurk; Bixing Huang; Carmel Taylor; David Warrilow; Doris Genge; Elisabeth Gamez; Glen Hewitson; Ian EPI ISL 447594 Caloundra Hospital Public Health Virology Laboratory Maxwell Mackay; Inga Sultana; Jamie McMahon; Jean Barcelon; Judy Northill; Mitchell Finger; Natalie Simpson; Neelima Nair; Peter Burtonclay; Peter Moore: Sarah Wheatley: Sean Moody: Sonia Hall-Mendelin: Timothy Gardam: and Frederick Moore

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EPI ISL 579489, EPI ISL 579489

Canterbury Health Laboratories Institute of Environmental Science and Research (ESR) Anja Werno; Antje van der Linden; Arlo Upton; Chris Mansell; David Hammer; Dragana Drinkovic; Erasmus Smit; Gary McAuliffe; Hana Sofia Andersson; Hermes Perez; James Ussher; Jill Sherwood; Jing Wang; Joep de Ligt; Josh Freeman; Julia Howard; Juliet Elvy; Lauren Jelly; Mary DeAlmeida; Matt Blakiston; Matt Storey; Matthew Rogers; Max Bloomfield; Michael Addidle; Michelle Balm; Muhammad Faisal; Nikki Freed; Olin Silander; Sally Roberts;

Sarah Jefferies; Sharmini Muttaiyah; Susan Morpeth; Susan Taylor; Timothy Blackmore; Vani Sathyendran; Veronica Playle; Virginia Hope; Xiaoyun Ren EPI ISL 524478 Cantonal Hospital Winterthur Institute of Medical Virology, University of Zurich Alexandra Trkola; Andrea Zbinden; Fiona Steiner; Gabriela Ziltener; Jon Huder; Jürg Bönj; Marvam Zaheri; Michael Huber; Patrick Redli; Riccarda Capaul;

Stefan Schmutz: Verena Kufner EPI_ISL_475609, EPI_ISL_475609, EPI_ISL_475609, EPI_ISL_475609, EPI_ISL_475609, EPI_ISL_475619, EPI_ISL_475619

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EPI ISL 475716 Cedars-Sinai Medical Center, Department of Pathology & Cedars-Sinai Medical Center, Molecular Pathology Laboratory see above Brian Davis; Eric Vail; Jasmine T Plummer; Jean Lopategui; Jianbo Song; John Paul Govindavari; Jong Taek Kim; Stephanie Chen; Wenjuan Zhang Laboratory Medicine, Molecular Pathology Laboratory of Department of Pathology & Laboratory Medicine and

Genomic Core Center for Diagnostics, Institute of Medical Microbiology, EPI ISL 450413 University Medical Center Hamburg-Eppendorf Huang J.: Pfefferle: S. and Fischer, N.

EPI_ISL_459856, EPI_ISL_459857, EPI_ISL_459858, EPI_ISL_459859, EPI_ISL_459860, EPI_ISL_459861, EPI_ISL_459862, EPI_ISL_459863, EPI_ISL_469752, EPI_ISL_469750, EPI_ISL_459861, EPI_ISL_459854, EPI_ISL_559854, EPI_ISL_559854

see above Center for Genome Regulation (CRG) Center for Mathematical Modeling and Center for Genome Allende MI: Gaete A: González M: Maass A: Palma R: Travisany D: Urra C: Varas M Regulation, Santiago, Chile

EPI ISL 479664, EPI ISL 479665, EPI ISL 479667, EPI ISL 479668, EPI ISL 479671, EPI ISL 479672, EPI ISL 481283

Virology and Hygiene

see above Center for Genomics and System Biology, New York Center for Genomics and System Biology, New York Banakis, S.; Borenstein; Cornelius, A.; D. and Ghedin, E.; E.S.; Fleming, A.; Ghedin, E.; Gresham; Gresham, D.; Herati, R.; Johnson, K.; Khalfan, M.; University University Kottkamp, A.; M.J.; Mulligan; Raabe, V.; Roder, A.; Samanovic, M.; Ulrich, R.

Anek Mungaomklang; Hatairat Lerdsamran; Jarunee Prasertsopon; Kamolthip Atsawawaranunt; Kantima Sangsiriwut; Nattakan Thinpan; Pilaipan EPI ISL 493137, EPI ISL 493139 Center for Research and Innovation, Faculty of Medical Center for Research and Innovation, Faculty of Medical Puthavathana; Prabda Praphasiri; Somrak Sirikhetkon; Tipsuda Chanmanee Technology, Mahidol University Technology, Mahidol University

EPI ISL 419654, EPI ISL 419655, EPI ISL 419655, EPI ISL 419656, EPI ISL 419667, EPI ISL 419667, EPI ISL 419667, EPI ISL 419667, EPI ISL 419674, EPI ISL 419674 EPI ISL 437996, EPI ISL 437996, EPI ISL 437997, EPI ISL 437999, EPI ISL 438001, EPI ISL 438011, EPI ISL 438011, EPI ISL 438013, EPI ISL 438013, EPI ISL 438011, EPI ISL 438014, EPI ISL 438015, EPI ISL 438015, EPI ISL 438016, EPI ISL 438017, EPI ISL 438017, EPI ISL 438018, EPI ISL 438018 EPI ISL 438017, EPI ISL 438018, EPI ISL 438019, EPI ISL 438020, EPI ISL 438020, EPI ISL 438021, EPI ISL 438023, EPI ISL 438033, EPI ISL 438033, EPI ISL 438034, EPI ISL 438036, EPI ISL 438037, EPI ISL 438037, EPI ISL 438038, EPI ISL 438038 EPI ISL 438037, EPI ISL 438049, EPI ISL 438049 EPI_ISL_438055, EPI_ISL_438056, EPI_ISL_438056, EPI_ISL_438056, EPI_ISL_438056, EPI_ISL_438067, EPI_ISL_438066, EPI_ISL_438069, EPI_ISL_438069 EPI_ISL_438073, EPI_ISL_438074, EPI_ISL_438075, EPI_ISL_438075, EPI_ISL_438076, EPI_ISL_438076, EPI_ISL_4380808, EPI_ISL_438086, EPI_ISL_438086, EPI_ISL_438087, EPI_ISL_438088, EPI_ISL_438087, EPI_ISL_438088, EPI_ISL_43808 EPI_ISL_438091, EPI_ISL_438092, EPI_ISL_438092, EPI_ISL_438093, EPI_ISL_438094, EPI_ISL_438094, EPI_ISL_438095, EPI_ISL_438095, EPI_ISL_438096, EPI_ISL_438096

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see above	Center for Virology, Medical University of Vienna	Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Adi Steinrigl; Alexander Lercher; Alexandra Popa; Andreas Bergthaler; Benedikt Agerer; Christian Paar; Christoph Bock; Daniela Schmid; Dorothee von Laer; Elisabeth Puchhammer-Stoeckl; Elisabeth Puchhammer-Stöckl; Franz Allerberger; Gernot Walder; Gregor Hörmann; Guenter Weiss; Gunther Vogl;

		Medicine of the Austrian Academy of Sciences	Laer; Eisabeth Puchnammer-Stoecki; Eisabeth Puchnammer-Stocki; Franz Allerberger; Gemot Walder; Gregor Hormann; Guenter Weiss; Guntner Vogi; Henrique Colaco; Jakob-Wendelin Genger; Jan Laine; Judith Aberle; Kinga Rigler-Hohenwarter; Lukas Endler; Manfre Mairz; Mark Smyth; Martin Senekowitsch; Michael Schuster; Peter Hufnagl; Peter Obrist; Rainer Gattringer; Sabine Sussitz-Rack; Stephan Aberle; Thomas Penz; Wegene Borena
EPI_ISL_523950	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Center of Medical Microbiology, Virology, and Hospital Hygiene, Heinrich Heine University Düsseldorf	Alexander Dilthey; Andreas Walker; Daniel Strelow; Hendrik Streeck; Jessica Nicolai; Jörg Timm; Klaus Pfeffer; Malte Kohns Vasconcelos; Marek Korencak; Maximilian Damagnez; Tobias Wienemann; Torsten Houwaart
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see above	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Alexander Dilthey; Andreas Walker; Bjorn-Erik Jensen; Björn-Erik Jensen; Daniel Strelow; Detlef Kindgen-Milles; Hendrik Streeck; Jessica Nicolai; Jorg Timm; Jörg Timm; Klaus Pfeffer; Lisanna Hülse; Malte Kohns Vasconcelos; Marcel Andree; Marek Korencak; Maximilian Damagnez; Nadine Lübke; Ortwin Adams; Sandra Hauka; Tina Senff; Tobias Wienemann; Torsten Feldt; Torsten Houwaart
EPI_ISL_429852, EPI_ISL_429853, EPI_ISL_429854, EPI_ISL_495459	Centers for Disease Control and Prevention of Lishui	Department of InspectionCenters for Disease Control and Prevention of Lishui	Ji Jiansong; Ji Qiaoying; Wang Xiaoguang; Ye Bifeng; Ye Ling
EPI_ISL_406031, EPI_ISL_420082, EPI_ISL_420	0083, EPI_ISL_420084, EPI_ISL_420085, EPI_ISL_421641, EPI_I	SL_421651, EPI_ISL_428488, EPI_ISL_428489, EPI_ISL_428-	
see above	Centers for Disease Control, R.O.C. (Taiwan)	Centers for Disease Control, R.O.C. (Taiwan)	Ji-Rong Yang; Jung-Jung Mu; Ming-Tsan Liu; Ming-Tsan-Liu; Shu-Ying Li; Yu-Chi Lin; Yu-Chi-Lin
EPI_ISL_457750, EPI_ISL_459964	Centogene AG	Centogene AG	Dr. Krishna Kumar Kandaswamy; Prof. Dr. Peter Bauer
EPI_ISL_455583, EPI_ISL_455594	Central Chest Institute of Thailand	National Institute of Health. Department of medical Sciences, Ministry of Public Health, Thailand	Chittaganpitch; Malinee; Okada; Parnmen; Phuygun; Pilailuk; Siripaporn; Sittiporn; Sunthareeya; Thanadachakul; Thanutsapa; Waicharoen; Warawan; Wongboot
EPI_ISL_794603, EPI_ISL_794604	Central Laboratories, Egyptian Ministry of Health and Population	Central Laboratories, Egyptian Ministry of Health and Population	A.E.; Ali; El Guindy; El Sayes; El Taweel, A.; El-Shesheny, R.; Gomaa, M.; Kamel; Kandeil, A.; Kayali, G.; Kayed; Khalifa; Kutkat, O.; M.A.; M.K.; M.N.; Mahmoud; Mahrous, N.; Moatasim, Y.; Mostafa, A.; N.M.; Naguib, A.; Roshdy; S.H.; Saleh, M.; Shawky, S.; Shehata, M.; W.H.
EPI_ISL_978502, EPI_ISL_978503, EPI_ISL_978 EPI_ISL_978524, EPI_ISL_978527, EPI_ISL_978		SL_978509, EPI_ISL_978510, EPI_ISL_978511, EPI_ISL_978	1512, EPI_ISL_978513, EPI_ISL_978515, EPI_ISL_978516, EPI_ISL_978517, EPI_ISL_978518, EPI_ISL_978519, EPI_ISL_978520, EPI_ISL_978523,
see above	Central Public Health Laboratory - LACEN -Bahia, Salvador, Brazil	Central Public Health Laboratory - LACEN -Bahia, Salvador, Brazil	Arabela Leal; Breno Dominguez; Felicidade Pereira; Jaqueline Gomes; Luciana Oliveira; Luiz Alcantara; Marcela Gómez; Marta Giovanetti; Patrícia Cajado; Stephane Tosta; Vagner Fonseca; Vanessa Nardy
EPI_ISL_429667, EPI_ISL_429669, EPI_ISL_429	9671, EPI_ISL_429676, EPI_ISL_429681, EPI_ISL_429687, EPI_IS	SL_429688, EPI_ISL_429695	
see above	Central Public Health Laboratory/Octávio Magalhães Institute (IOM) from the Ezequiel Dias Foundation (FUNED)	Instituto Octávio Magalhães / Fundação Ezequiel Dias (IOM/Funed)	Joilson Xavier; Luiz Carlos Junior Alcantara; Marcos Vinícius Silva; Marluce Aparecida Assunção Oliveira; Marta Giovanetti; Talita Adelino; Vagner Fonseca
EPI_ISL_447251	Central Virology Laboratory	Central Virology Laboratory	Danit Sofer; Efrat Bucris; Ella Mendelson; Michal Mandelboim; Neta Zuckerman; Oran Erster; Orna Mor
EPI_ISL_419211	Central Virology Laboratory	Israel Institute for Biological Research	Adi Beth-Din; Anat Zvi; Boaz Politi; Dana Stein; Einat Vitner; Gadi Segal; Gili Regev-Yochay; Hadas Tamir; Hagit Achdout; Inbar Cohen-Gihon; Lilach Cherry; Michal Mandelboim; Nir Paran; Ofir Israeli; Ohad Shifman; Oran Erster; Orly Laskar; Sharon Melamed; Shay Weiss; Shmuel C. Shapira; Shmuel Yitzhaki; Tomer Israely; Yfat Yahalom Ronen
EPI_ISL_430842	Central chest Institute of Thailand	National Institute of Health. Department of medical Sciences, Ministry of Public Health, Thailand	Chittaganpitch; Malinee; Okada; Parnmen; Phuygun; Pilailuk; Siripaporn; Sittiporn; Sunthareeya; Thanadachakul; Thanutsapa; Waicharoen; Warawan;
		Ministry of Public Health, Thalland	Wongboot
EPI_ISL_458000	Centre For Biotechnology Research and Development	Centre For Biotechnology Research and Development	Wongboot C.N. and Michuki; D.K.; G.N.; J.O.; Kimotho, J.; Matoke-Muhia; Muuo; Ochwoto, M.; S.L.; S.N.; Symeker; Waruhiu; Zablon
EPI_ISL_458000 EPI_ISL_414624, EPI_ISL_416494	Centre For Biotechnology Research and Development Centre Hositalier Universitaire de Rouen Laboratoire de Virologie	•	·
	Centre Hositalier Universitaire de Rouen Laboratoire de	Centre For Biotechnology Research and Development National Reference Center for Viruses of Respiratory	C.N. and Michuki; D.K.; G.N.; J.O.; Kimotho, J.; Matoke-Muhia; Muuo; Ochwoto, M.; S.L.; S.N.; Symeker; Waruhiu; Zablon Angela Brisebarre; Etienne Simon-Lorière; Flora Donati; Flora Donati Vincent Enouf; Jean-Christophe Plantier; Marion Barbet; Maud Vanpeene; Méline
EPI_ISL_414624, EPI_ISL_416494 EPI_ISL_508958, EPI_ISL_509012 EPI_ISL_414627, EPI_ISL_414628, EPI_ISL_414	Centre Hositalier Universitaire de Rouen Laboratoire de Virologie Centre Hospitalier Alpes Leman	Centre For Biotechnology Research and Development National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris CNR Virus des Infections Respiratoires - France SUD SL_414636, EPI_ISL_414637, EPI_ISL_414638, EPI_ISL_4154	C.N. and Michuki; D.K.; G.N.; J.O.; Kimotho, J.; Matoke-Muhia; Muuo; Ochwoto, M.; S.L.; S.N.; Symeker; Waruhiu; Zablon Angela Brisebarre; Etienne Simon-Lorière; Flora Donati; Flora Donati Vincent Enouf; Jean-Christophe Plantier; Marion Barbet; Maud Vanpeene; Méline Bizard; Mélnie Albert; Sylvie Behillii; Sylvie van der Werf; Vincent Enouf Alexandre Gaymard; Antonin Bal; Bruno Lina; Carine Moustaud; Florence Morfin-Sherpa; Gregory Destras; Gwendolyne Burfin; Laurence Josset; Martine
EPI_ISL_414624, EPI_ISL_416494 EPI_ISL_508958, EPI_ISL_509012 EPI_ISL_414627, EPI_ISL_414628, EPI_ISL_414	Centre Hositalier Universitaire de Rouen Laboratoire de Virologie Centre Hospitalier Alpes Leman 1629, EPI_ISL_414630, EPI_ISL_414634, EPI_ISL_414635, EPI_IS	Centre For Biotechnology Research and Development National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris CNR Virus des Infections Respiratoires - France SUD SL_414636, EPI_ISL_414637, EPI_ISL_414638, EPI_ISL_4154	C.N. and Michuki; D.K.; G.N.; J.O.; Kimotho, J.; Matoke-Muhia; Muuo; Ochwoto, M.; S.L.; S.N.; Symeker; Waruhiu; Zablon Angela Brisebarre; Etienne Simon-Lorière; Flora Donati; Flora Donati Vincent Enouf; Jean-Christophe Plantier; Marion Barbet; Maud Vanpeene; Méline Bizard; Mélnie Albert; Sylvie Behillii; Sylvie van der Werf; Vincent Enouf Alexandre Gaymard; Antonin Bal; Bruno Lina; Carine Moustaud; Florence Morfin-Sherpa; Gregory Destras; Gwendolyne Burfin; Laurence Josset; Martine Valette; Maude Bouscambert-Duchamp; Raphaelle Lamy; Solenne Brun
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EPI_ISL_414624, EPI_ISL_416494 EPI_ISL_508958, EPI_ISL_509012 EPI_ISL_414627, EPI_ISL_414628, EPI_ISL_414 EPI_ISL_418225, EPI_ISL_418227, EPI_ISL_418 see above	Centre Hositalier Universitaire de Rouen Laboratoire de Virologie Centre Hospitalier Alpes Leman 1629, EPI_ISL_414630, EPI_ISL_414634, EPI_ISL_414635, EPI_ISL 1828, EPI_ISL_418231, EPI_ISL_418236, EPI_ISL_418237, EPI_ISL	Centre For Biotechnology Research and Development National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris CNR Virus des Infections Respiratoires - France SUD SL_414636, EPI_ISL_414637, EPI_ISL_414638, EPI_ISL_4158239, EPI_ISL_418239, EPI_ISL_429968 National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	C.N. and Michuki; D.K.; G.N.; J.O.; Kimotho, J.; Matoke-Muhia; Muuo; Ochwoto, M.; S.L.; S.N.; Symeker; Waruhiu; Zablon Angela Brisebarre; Etienne Simon-Lorière; Flora Donati; Flora Donati Vincent Enouf; Jean-Christophe Plantier; Marion Barbet; Maud Vanpeene; Méline Bizard; Mélnie Albert; Sylvie Behillif; Sylvie van der Werf; Vincent Enouf Alexandre Gaymard; Antonin Bal; Bruno Lina; Carine Moustaud; Florence Morfin-Sherpa; Gregory Destras; Gwendolyne Burfin; Laurence Josset; Martine Valette; Maude Bouscambert-Duchamp; Raphaelle Lamy; Solenne Brun 654, EPL_ISL_416495, EPL_ISL_416496, EPL_ISL_416497, EPL_ISL_418218, EPL_ISL_418220, EPL_ISL_418221, EPL_ISL_418223, EPL_ISL_418224, Angela Brisebarre; Etienne Simon-Lorière; Fabiana Gambaro; Flora Donati; Flora Donati Vincent Enouf; Marion Barbet; Maud Vanpeene; Mélanie Albert; Méline Bizard; Mélnie Albert; Raulin Olivia; Sylvie Behillit; Sylvie van der Werf; Vincent Enouf Alexandre Gaymard; Antonin Bal; Bruno Lina; Carine Moustaud; Florence Morfin-Sherpa; Gregory Destras; Gwendolyne Burfin; Laurence Josset; Martine
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Alexandre Gaymard; Antonin Bal; Bruno Lina; Carine Moustaud; Florence Morfin-Sherpa; Gregory Destras; Gwendolyne Burfin; Laurence Josset; Martine Valette; Maude Bouscambert-Duchamp; Raphaelle Lamy; Solenne Brun

Centre Hospitalier de Macon

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EPI_ISL_416749, EPI_ISL_418414, EPI_ISL_418417, EPI_ISL_419168, EPI_ISL_508881	Centre Hospitalier de Valence	CNR Virus des Infections Respiratoires - France SUD	Alexandre; Alexandre Gaymard; Antonin; Antonin Bal; Bal; Bouscambert-Duchamp; Brengel-Pesce; Bruno Lina; Bruno.; Carine Moustaud; Cheynet; Destras; Florence; Florence Morfin-Sherpa; Gaymard; Gregory; Gregory Destras; Gwendolyne Burfin; Josset; Karen; Laurence; Laurence Josset; Lina; Martine; Martine Valette; Maude; Maude Bouscambert-Duchamp; Morfin-Sherpa; Raphaelle Lamy; Solenne Brun; Valette; Valérie
EPI_ISL_509006	Centre Hospitalier de Villefranche	CNR Virus des Infections Respiratoires - France SUD	Alexandre Gaymard; Antonin Bal; Bruno Lina; Carine Moustaud; Florence Morfin-Sherpa; Gregory Destras; Gwendolyne Burfin; Laurence Josset; Martine Valette; Maude Bouscambert-Duchamp; Raphaelle Lamy; Solenne Brun
EPI_ISL_418412	Centre Hospitalier des Vals d'Ardeche	CNR Virus des Infections Respiratoires - France SUD	Alexandre Gaymard; Antonin Bal; Bruno Lina; Carine Moustaud; Florence Morfin-Sherpa; Gregory Destras; Gwendolyne Burfin; Laurence Josset; Martine Valette; Maude Bouscambert-Duchamp; Raphaelle Lamy; Solenne Brun
EPI_ISL_539573, EPI_ISL_539574, EPI_ISL_539575, EPI_ISL_539576	Centre de Recherches Medicales de Lambarene (CERMEL)	Department of Emerging Infectious Diseases, Institute of Tropical Medicine, Nagasaki University	Akim A. Adegnika; Bertrand Lell; Haruka Abe; Jiro Yasuda; Rodrīgue Bikangui; Yuri Ushijima
EPI_ISL_560413, EPI_ISL_560414	Centre de SSS D'Arthabaska-et-de-l'érable - Hôtel-Dieu	Laboratoire de santé publique du Québec	Guillaume Bourque; Ioannis Ragoussis; Jesse Shapiro; Mark Lathrop and Michel Roger on behalf of the CoVSeQ research group; Sandrine Moreira
EPI_ISL_535724, EPI_ISL_535742, EPI_ISL_535743	Centre de SSS La Pommeraie	Laboratoire de santé publique du Québec	Guillaume Bourque; Ioannis Ragoussis; Jesse Shapiro; Mark Lathrop and Michel Roger; Mark Lathrop and Michel Roger on behalf of the CoVSeQ research group; Sandrine Moreira
EPI_ISL_535747, EPI_ISL_535748, EPI_ISL_53	35916, EPI_ISL_535976, EPI_ISL_535979, EPI_ISL_536007, EPI_	.ISL_536034, EPI_ISL_536038	
see above	Centre de SSS de Trois-Rivières	Laboratoire de santé publique du Québec	Guillaume Bourque; Ioannis Ragoussis; Jesse Shapiro; Mark Lathrop and Michel Roger; Mark Lathrop and Michel Roger on behalf of the CoVSeQ research group; Sandrine Moreira
EPI_ISL_535727, EPI_ISL_535776, EPI_ISL_53	85777, EPI_ISL_535778, EPI_ISL_535779, EPI_ISL_535780, EPI_	.ISL_535803, EPI_ISL_535804, EPI_ISL_535805, EPI_ISL_53	5816, EPLISL_535854
see above	Centre de SSS de la Haute-Yamaska	Laboratoire de santé publique du Québec	Guillaume Bourque; Ioannis Ragoussis; Jesse Shapiro; Mark Lathrop and Michel Roger; Mark Lathrop and Michel Roger on behalf of the CoVSeQ research group; Sandrine Moreira
EPI_ISL_471456	Centre de Virologie des Maladies Tropicales	Functional Genomic Platform/Service Analyses Biologique/UATRS/ Centre National Pour la Recherche Scientifique Et Technique (CNRST)	Abdelillah LARAQUI; Abdelkader LAATIRIS; Ahmed REGGAD; Elmostafa EL FAHIME; Farida HILALI; Hicham EL ANNAZ; Idriss-Amine LAHLOU; Khalid ENNIBI; Marouane MELLOUL; Mly Abdelaziz ELALAOUI; Mostafa ELOUENNASS; Nadia TOUIL; Rachid ABI; Rida TAGAJDID; Safae ELKOCHRI; Sanaa ALAOUI-Amine; Tahar BAJJOU; Yassine SEKHSOKH; Youssef AKHOUAD; Zohour KASMY
EPI_ISL_535808	Centre de santé Chibougamau	Laboratoire de santé publique du Québec	Guillaume Bourque; Ioannis Ragoussis; Jesse Shapiro; Mark Lathrop and Michel Roger; Sandrine Moreira
EPI_ISL_443310	Centre de santé Filieris	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Angela Brisebarre; Etienne Simon-Lorière; Flora Donati; Marion Barbet; Maud Vanpeene; Mélanie Albert; Méline Bizard; Sylvie Behillil; Sylvie van der Werf; Vincent Enouf
EPI_ISL_465697, EPI_ISL_536353	Centre de santé Inuulitsivik	Laboratoire de santé publique du Québec	Guillaume Bourque; loannis Ragoussis; Jesse Shapiro; Mark Lathrop and Michel Roger on behalf of the CoVSeQ research group; Sandrine Moreira
EPI_ISL_483985, EPI_ISL_483986, EPI_ISL_48 EPI_ISL_484059, EPI_ISL_484064, EPI_ISL_48	3987, EPI_ISL_483989, EPI_ISL_483992, EPI_ISL_483995, EPI_	ISL_483999, EPI_ISL_484002, EPI_ISL_484005, EPI_ISL_48 ISL_484085, EPI_ISL_484087, EPI_ISL_484091, EPI_ISL_48	3964, EPI_ISL_483966, EPI_ISL_483967, EPI_ISL_483968, EPI_ISL_483971, EPI_ISL_483973, EPI_ISL_483976, EPI_ISL_483980, EPI_ISL_483982, 4008, EPI_ISL_484012, EPI_ISL_484019, EPI_ISL_484020, EPI_ISL_484028, EPI_ISL_484034, EPI_ISL_484036, EPI_ISL_484053, EPI_ISL_484056, 4093, EPI_ISL_484095, EPI_ISL_484056, EPI_ISL_484104, EPI_ISL_484110, EPI_ISL_484115, EPI_ISL_484117, EPI_ISL_484125, EPI_ISL_484126, 4174, EPI_ISL_484189, EPI_ISL_484191
see above	Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit, Guy's and St. Thomas' NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Ali Raza Awan; Chloe Fisher; Jonathan Edgeworth; Luke Snell; Penny Cliff; Rahul Batra
EPI_ISL_560697, EPI_ISL_560698, EPI_ISL_56		ISL_560705, EPI_ISL_560712, EPI_ISL_560719, EPI_ISL_56	0672, EPI_ISL_560673, EPI_ISL_560676, EPI_ISL_560678, EPI_ISL_560679, EPI_ISL_560684, EPI_ISL_560686, EPI_ISL_560695, EPI_ISL_560696, 0722, EPI_ISL_560723, EPI_ISL_560724, EPI_ISL_560725, EPI_ISL_560726, EPI_ISL_560727, EPI_ISL_560729, EPI_ISL_560730, EPI_ISL_560731,
see above	Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit, Guy's and St. Thomas' NHS Trust	Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit, Guy's and St. Thomas' NHS Trust	Ali Raza Awan; Chloe Fisher; Jonathan Edgeworth; Luke Snell; Rahul Batra
EPI_ISL_428670, EPI_ISL_428671, EPI_ISL_428672, EPI_ISL_428673, EPI_ISL_525478, EPI_ISL_525479	Centre for Dengue Research	Centre for Dengue Research	Ananda Wijewickrama; Chandima Jeewandara; Damayanthi Idampitiya; Damayanthi Tdampitiya; Deshni Jayathilaka; Dinuka Ariyaratne; Dinuka Ariyatane; Diyanath Ranasinghe; Eranga Narangoda; Gathsaurie Neelika Malavige; Laksiri Gomes; Neelika Malaige; Neelika Malavige
EPI_ISL_475321, EPI_ISL_475322, EPI_ISL_47 EPI_ISL_479184, EPI_ISL_479185, EPI_ISL_47 EPI_ISL_499307, EPI_ISL_499308, EPI_ISL_50	/5323, EPI SL_475325, EPI SL_475326, EPI SL_475327, EPI '9186, EPI SL_479187, EPI SL_479188, EPI SL_479189, EPI /7137, EPI SL_507139, EPI SL_507140, EPI SL_507141, EPI 4459, EPI SL_514460, EPI SL_514461, EPI SL_514462, EPI	ISL_475328, EPI_ISL_475329, EPI_ISL_475330, EPI_ISL_475 ISL_479190, EPI_ISL_479191, EPI_ISL_479192, EPI_ISL_475 ISL_507142, EPI_ISL_507143, EPI_ISL_507146, EPI_ISL_50	5289, EPI_ISL_475291, EPI_ISL_475292, EPI_ISL_475293, EPI_ISL_475296, EPI_ISL_475297, EPI_ISL_475298, EPI_ISL_475299, EPI_ISL_475300, 5341, EPI_ISL_479175, EPI_ISL_479176, EPI_ISL_57176, EPI_ISL_5
see above	Centre for Enzyme Innovation, University of Portsmouth / Translational Research Laboratory, Portsmouth Hospitals NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Allyson Lloyd; Angela Beckett; Anoop Chauhan; Ethan Butcher; Garry Scarlett; Kelly Bicknell; Robert Impey; Samuel Robson; Sarah Wyllie; Scott Elliott; Sharon Glaysher; Yann Bourgeois
EPI_ISL_654794	Centre for Human Virology & Genomics, Nigerian Institute of Medical Research	Centre for Human Virology & Genomics, Nigerian Institute of Medical Research	Shaibu, J.
EPI_ISL_413596, EPI_ISL_413600	Centre for Infectious Diseases and Microbiology - Public Health	NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney	Carter I; Chen SC; Eden J-S; Gall; Gray K; Holmes EC; Kok J and Dwyer DE for the 2019-nCoV Study Group*; Lam C; M; Maddocks S; O'Sullivan MV; Rahman H; Rockett R; Sintchenko V; Timms; V
EPI_ISL_413214, EPI_ISL_413594, EPI_ISL_413595, EPI_ISL_417030	Centre for Infectious Diseases and Microbiology Laboratory Services	NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney	; A; Alicia; Carter I; Chen SC; Eden J-S; Gall; Gray K; Holmes EC; Kok J and Dwyer DE for the 2019-nCoV Study Group*; Lam C; M; Maddocks S; O'Sullivan MV; Rahman H; Rockett R; Sintchenko V; Timms; V
EPI_ISL_417401, EPI_ISL_417402, EPI_ISL_41 EPI_ISL_427649, EPI_ISL_427650, EPI_ISL_427650, EPI_ISL_427668, EPI_ISL_427668, EPI_ISL_427668, EPI_ISL_427668, EPI_ISL_427687, EPI_ISL_427704, EPI_ISL_427704, EPI_ISL_427704, EPI_ISL_427727, EPI_ISL_42 EPI_ISL_427724, EPI_ISL_427744, EPI_ISL_427745, EPI_ISL_42763, EPI_ISL_42763, EPI_ISL_42763, EPI_ISL_42763, EPI_ISL_42763, EPI_ISL_427784, EPI_ISL_42784, EPI_ISL_427844, EPI_ISL_4278444, EPI_ISL_4278444, EPI_ISL_4278444, EPI_ISL_4278444, EPI_ISL_4278444, EPI_ISL_4278444, EPI_ISL_4278444, EPI_ISL_4278444, EPI_ISL_4278444, EPI_I	7-403, EPL ISL 417404, EPL ISL 417405, EPL ISL 417406, EPL ISC 417651, EPL ISL 427652, EPL ISL 427653, EPL ISL 427654, EPL ISC 427651, EPL ISL 427654, EPL ISC 427671, EPL ISL 427672, EPL ISC 42767, EPL ISL 427688, EPL ISL 427698, EPL ISL 427690, EPL ISC 427705, EPL ISL 427706, EPL ISL 427705, EPL ISL 427706, EPL ISL 427707, EPL ISL 427708, EPL ISC 427703, EPL ISL 427731, EPL ISC 427764, EPL ISL 427747, EPL ISL 427748, EPL ISL 427764, EPL ISL 427765, EPL ISL 427764, EPL ISL 42786, EPL ISL 42786, EPL ISL 42786, EPL ISL 427803, EPL ISC 427803, EPL ISL 427	ISL 417407, EPI ISL 417408, EPI ISL 417409, EPI ISL 4158 ISL 427655, EPI ISL 427656, EPI ISL 427655, EPI ISL 427657, EPI ISL 427657, EPI ISL 427674, EPI ISL 427673, EPI ISL 427694, EPI ISL 427693, EPI ISL 427694, EPI ISL 427694, EPI ISL 427694, EPI ISL 427709, EPI ISL 427709, EPI ISL 427734, EPI ISL 427754, EPI ISL 427764, EPI ISL 427766, EPI ISL 427768, EPI ISL 427686, EPI	
see above	Centre for Infectious Diseases and Microbiology Public Health	NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney	Arnott A; Arnott A and Sadsad R for the 2019-nCoV Study Group; Bachmann N; Basile K; Byun R; Carter I; Carter I and Rahman H for the 2019-nCoV Study Group; Chang S; Chen SC; Chen SC and Maddocks S for the 2019-nCoV Study Group; Draper J; Dwyer DE; Dwyer DE and Rockett R for the 2019-nCoV Study Group; Dwyer DE for the 2019-nCoV Study Group; Eden J-S; Eden J-S; and Lam C for the 2019-nCoV Study Group; Eden JS; Gall M; Gall M and Arnott A for the 2019-nCoV Study Group; Gray K; Gray K and Timms V for the 2019-nCoV Study Group; Holmes EC; Holmes EC and O'Sullivan MV for the 2019-nCoV Study Group; Kot J; Kok J and Dwyer DE for the 2019-nCoV Study Group; Lam C; Lam C and Gray K for the 2019-nCoV Study Group; Maddocks S; Maddocks S and Kok J for the 2019-nCoV Study Group; O'Sullivan MV; O'Sullivan MV and Sintchenko V for the 2019-nCoV Study Group; Propenko M; Rahman H; Rahman H and Holmes EC for the 2019-nCoV Study Group; Rockett R; Rockett R and Eden J-S for the 2019-nCoV Study Group; Sintchenko V; Sintchenko V; Sintchenko V; Study Group; Sorrell T; Timms; Timms V; Timms V and Gall M for the 2019-nCoV Study Group; V

EPI ISL 450302, EPI ISL 45688, EPI ISL 465688, EPI ISL 465688, EPI ISL 465689, EPI ISL 536906, EPI ISL 536906,

EPI ISL 536182, EPI ISL 536183, EPI ISL 536212, EPI ISL 536218, EPI ISL 536219, EPI ISL 536219, EPI ISL 536220, EPI ISL 536224, EPI ISL 536377, EPI ISL 536377, EPI ISL 536378, EPI ISL 536378, EPI ISL 536378, EPI ISL 536378, EPI ISL 536379, EPI ISL 536378, EPI ISL 536379, EPI ISL 536379 Centre hospitalier Anna-Laberge Laboratoire de santé publique du Québec Guillaume Bourgue: Joannis Raggussis: Jesse Shapiro: Mark Lathrop and Michel Roger: Mark Lathrop and Michel Roger on behalf of the CoVSeQ research group; Sandrine Moreira EPI ISL 508934, EPI ISL 508935, EPI ISL 508936, EPI ISL 508936, EPI ISL 666683, EPI ISL 666685, EPI ISL 666686, EPI ISL 693391, EPI ISL 700377, EPI ISL 700386, EPI ISL 700387, EPI ISL 700387, EPI ISL 700388, EPI ISL 700388 Centre hospitalier Métropole Savoie CNR Virus des Infections Respiratoires - France SUD Alexandre Gaymard; Antonin Bal; Bruno Lina; Carine Dumollard; Carine Moustaud; Florence Morfin-Sherpa; Gregory Destras; Gwendolyne Burfin; Hadrien Rèque: Jérôme Grosiean: Laurence Josset: Martine Valette: Maude Bouscambert-Duchamp: Quentin Semanas: Raphaelle Lamy: Solenne Brun EPI_ISL_535746, EPI_ISL 535767. 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Centro de Biotecnología Vegetal, Universidad Andrés Bello, Center for Mathematical Modeling and Center for Genome Allende ML; Arriagada G; Bastias M; Bustos F; Castro E; González M; M; Maass A; Meneses C.; Montecino; Orellana A; Sanhueza D; Travisany D EPI ISI 629025 EPI ISI 629026 Center for Genome Regulation Regulation, Santiago, Chile EPI ISL 629027, EPI ISL 629028 EPI ISL 483065, EPI ISL 509434 Centro de Desenvolvimento Tecnologico em Saude. Centro de Desenvolvimento Tecnologico em Saude. A.D.; Barroso; C.Q.; De Paula; F.B.; Ferreira; Fintelman-Rodrigues, N.; Gregorio; J.S.; M.A.; M.L.; Medeiros; Oliveira; S.P.; Sacramento; Saraiva; Souza; Fundação Oswaldo Cruz Fundação Oswaldo Cruz T.M. Tschoeke D. EPI_ISL_500396, EPI_ISL_500396, EPI_ISL_500399, EPI_ISL_500399, EPI_ISL_500399, EPI_ISL_500410, EPI_ISL_500409, EPI_ISL_500409, EPI_ISL_500409, EPI_ISL_500410, EPI_ISL_500410 EPI_ISL_500411, EPI_ISL_500412, EPI_ISL_500412, EPI_ISL_500413, EPI_ISL_500421, EPI_ISL_500423, EPI_ISL_500423, EPI_ISL_500429, EPI_ISL_500429, EPI_ISL_500429, EPI_ISL_500433, EPI_ISL_500433, EPI_ISL_500433, EPI_ISL_500445, EPI_ISL_50045, EPI_ISL_50045 EPI ISL 500450, EPI ISL 500450, EPI ISL 500451, EPI ISL 500454, EPI ISL 500456, EPI ISL 500456, EPI ISL 537397, EPI ISL 537399, EPI ISL 537404, EPI ISL 537406, EPI ISL 537410, EPI ISL 537410 EPI ISL 537412 EPI ISL 537414 EPI ISL 537414 EPI ISL 537424 EPI ISL 537424 EPI ISL 537424 EPI ISL 537424 EPI ISL 537434 EPI ISL 537437 EPI ISL 537437 EPI ISL 537438 EPI ISL 537439 EPI ISL 537439 EPI ISL 537439 EPI ISL 537439 EPI ISL 537449 EPI ISL 537446 EPI ISL 537439 EPI ISL 537439 EPI ISL 537439 EPI ISL 537449 EPI ISL 537449 EPI ISL 537449 EPI ISL 537449 EPI ISL 537439 EPI ISL 537449 EPI IS EPLISI, 537447, EPLISI, 537449, EPLISI, 537449, EPLISI, 537453, EPLISI, 537466, EPLISI, 537467, EPLISI, EPLISI EPLISL 537842 EPLISL 537844 EPLISL 537844 EPLISL 537845 EPLISL 537847 EPLISL 537867 EPLISL 537867 EPLISL 537865 EPLISL 537866 EPLISL 537866 EPLISL 537867 EP EPI ISL 732763, EPI ISL 732764, EPI ISL 732807, EPI ISL 732808 SegCOVID-SPAIN consortium/IBV(CSIC) see above Centro de Investigación Biomédica de La Rioja - Hospital San José Manuel Azcona Gutiérrez: María Pilar Bea Escudero; María de Toro: Miriam Blasco Alberdi and SegCOVID-SPAIN consortium Pedro Lograño EPI_ISL_516639, EPI_ISL_516630, EPI_ISL_516630, EPI_ISL_516630, EPI_ISL_516630, EPI_ISL_516630, EPI_ISL_516644, EPI_ISL_516644, EPI_ISL_516644, EPI_ISL_516644, EPI_ISL_516644, EPI_ISL_516645, EPI_ISL_516644, EPI_ISL_516644, EPI_ISL_516644, EPI_ISL_516645, EPI_ISL_516644, EPI_ISL_516444, EPI_ISL_516444 Charite Universitatsmedizin Berlin, Institut fur Virologie/Labor Charite Universitatsmedizin Berlin, Institut fur Virologie/Labor Barbara Muhlemann; Christian Drosten; Julia Schneider; Jörn Beheim-Schwarzbach; Talitha Veith; Terry Jones; Victor M Corman EPI ISL 729473, EPI ISL 729474, EPI ISL 729474, EPI ISL 729476, EPI ISL 729476, EPI ISL 729478, EPI ISL 729488, EPI ISL 729489, EPI ISL 729489 EPI ISL 729491, EPI ISL 729491, EPI ISL 729492, EPI ISL 729493, EPI ISL 729494, EPI ISL 729494, EPI ISL 729496, EPI ISL 729497, EPI ISL 729514, EPI ISL 729531, EPI ISL 729531, EPI ISL 729534, EPI ISL 729548, EPI ISL 729548, EPI ISL 729496, EPI ISL 729497, EPI ISL 729497, EPI ISL 729514, EPI ISL 729514 EPI ISL 753838 EPI ISL 753838 EPI ISL 753844 EPI ISL 753844 EPI ISL 753845 EPI ISL 753846 EPI ISL 753846 EPI ISL 753826 EPI ISL 753826 EPI ISL 753827 EPI ISL 753828 EPI IS EPI ISL 753928, EPI ISL 753928, EPI ISL 754024, EPI ISL 754025, EPI ISL 754026, EPI ISL 754026, EPI ISL 754027, EPI ISL 754030, EPI ISL 754030, EPI ISL 754030, EPI ISL 754037, EPI ISL 754037, EPI ISL 754037, EPI ISL 754038, EPI ISL 754038, EPI ISL 754037, EPI ISL 754038, EPI ISL 754038 EPI ISL 754055, EPI ISL 754056, EPI ISL 754057, EPI ISL 754058, EPI ISL 806526, EPI ISL 806528, EPI ISL 806529 Charité Universitätsmedizin Berlin, Institut für Virologie/Labor Charité Universitätsmedizin Berlin, Institut für Virologie Barbara Mühlemann: Christian Drosten: Cornelia Schlee: Julia Schneider: Jörn Beheim-Schwarzbach: Talitha Veith: Terry Jones: Tomasz Zemoitel: Victor see above M Corman EPI_ISL_406862 Charité Universitätsmedizin Berlin, Institute of Virology; Institut Charité Universitätsmedizin Berlin, Institute of Virology Barbara Mühlemann; Christian Drosten; Julia Schneider; Markus Antwerpen; Roman Wölfel; Talitha Veith; Victor M Corman für Mikrobiologie der Bundeswehr, Munich EPI ISL 480004, EPI ISL 480005, EPI ISL 480006, EPI ISL 480006, EPI ISL 480007, EPI ISL 480007, EPI ISL 480011, EPI ISL 480012, EPI ISL 480013, EPI ISL 480014, EPI ISL 684159, EPI ISL 684160, EPI ISL 684160 see above Chiba Prefectural Institute of Public Health Pathogen Genomics Center, National Institute of Infectious Hajime Kamiya; Kentaro Itokawa; Makoto Kuroda; Masakatsu Taira; Masanori Hashino; Motoi Suzuki; Rina Tanaka; Tsuyoshi Sekizuka Diseases EPI ISL 430722, EPI ISL 430724, EPI ISL 430724, EPI ISL 430725, EPI ISL 430736, EPI ISL 430737, EPI ISL 430737, EPI ISL 430737, EPI ISL 430740, EPI ISL 430741, EPI ISL 430741, EPI ISL 430745, EPI ISL 430740, EPI ISL 430741, EPI ISL 430740, EPI ISL 430741, EPI ISL 430740, EPI ISL 430741, EPI ISL 430741 Chinese PLA Institute for Disease Control and Prevention Chinese PLA Institute for Disease Control and Prevention Lizhona Li: Pena LiJinhui Li see above Chiu Laboratory, University of California, San Francisco EPI ISL 417330 Chiu Laboratory, University of California, San Francisco Scot Federman; Wei Gu; Xianding Deng; and Charles Y. 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EPI_ISL_424352	Clinical Laboratory, Fuyang City Center for Disease Control and Prevention	Clinical Laboratory, Fuyang City Center for Disease Control and Prevention	Ge, B.
EPI_ISL_416432	Clinical Microbiology Lab	Infectious Disease Research Department, King Abdullah International Medical Research Center (KAIMRC)	Abdulrahman Alswaji; Liliane Okdah; Majed Alghoribi; Michel Doumith; Sadeem Alhayli; Sameera Al Johani
EPI_ISL_447441, EPI_ISL_447442, EPI_ISL_44	47443, EPI_ISL_447444, EPI_ISL_447445, EPI_ISL_447446, EPI_I	ISL_447447, EPI_ISL_447448, EPI_ISL_447449, EPI_ISL_44	7450
see above	Clinical Microbiology Laboratory, Sheba Medical Center	Stern Lab	Stern Lab
EPI_ISL_447384, EPI_ISL_447385, EPI_ISL_44	47386, EPI_ISL_447387, EPI_ISL_447388, EPI_ISL_447389, EPI_I	ISL_447391, EPI_ISL_447393, EPI_ISL_447394, EPI_ISL_44	7395, EPI_ISL_447396, EPI_ISL_447397, EPI_ISL_447399, EPI_ISL_447406, EPI_ISL_447417, EPI_ISL_447418
see above	Clinical Microbiology Laboratory, The Baruch Padeh Medical Center, Poriya	Stern Lab	Stern Lab
EPI_ISL_877585, EPI_ISL_877586, EPI_ISL_87	77587, EPI_ISL_877588, EPI_ISL_877589, EPI_ISL_877590, EPI_I	ISL_877591, EPI_ISL_877592, EPI_ISL_877761	
see above	Clinical Molecular Microbiology Laboratory, UNC Hospital	Dirk Dittmer	Angelica Juarez; Blossom Damania.; Brent A. Eason; Cameroon Grant; Carolina Caro-Vegas; Cecilia Thompson; Dirk Dittmer; Evelyn Hoffman; Jason Wong; Justin T. Landis; Linda Pluta; Melissa B. Miller; Patricio Cano; Razia Moorad
EPI_ISL_605803, EPI_ISL_605811, EPI_ISL_605812, EPI_ISL_605816	Clinical Virology Laboratory, Institute of Liver and Biliary Sciences	ILBS - IGIB	Abhishek Padhi; Ekta Gupta; Jaswinder Singh Maras; Reshu Agarwal; Sheetalnath Rooge; Shridhar Sivasubbu; Shvetank Sharma; Vinod Scaria
EPI_ISL_447319, EPI_ISL_447320, EPI_ISL_44	47321, EPI_ISL_447323, EPI_ISL_447324, EPI_ISL_447327, EPI_I	ISL_447328, EPI_ISL_447330	
see above	Clinical Virology Laboratory, Soroka Medical Center and the Faculty of Health Sciences, Ben-Gurion University of the Negev	Stern Lab	Stern Lab
EPI_ISL_447408, EPI_ISL_447409, EPI_ISL_447410, EPI_ISL_447411, EPI_ISL_447412, EPI_ISL_447416	Clinical Virology Unit, Hadassah Hebrew University Medical Center	Stern Lab	Stern Lab
EPI_ISL_418230	Clinique AVERAY LA BROUSTE, Med. Polyvalente	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Angela Brisebarre; Elsa Ngwem; Etienne Simon-Lorière; Flora Donati; Marion Barbet; Maud Vanpeene; Mélanie Albert; Méline Bizard; Sylvie Behillil; Sylvie van der Werf; Vincent Enouf
EPI_ISL_949248	Cliniques Saint-Pierre Ottignies	UCLouvain/IREC/MBLG	Benoit Kabamba Mukadi; Jean Ruelle; Lysa Pinsmaye
EPI_ISL_949244, EPI_ISL_949245, EPI_ISL_94	49246, EPI_ISL_949247, EPI_ISL_949249, EPI_ISL_949250, EPI_I	ISL_949252, EPI_ISL_1029965, EPI_ISL_1029966, EPI_ISL_	1029968, EPI_ISL_1029969, EPI_ISL_1029971, EPI_ISL_1029972, EPI_ISL_1029973
see above	Cliniques universitaires Saint-Luc	UCLouvain/IREC/MBLG	Benoit Kabamba Mukadi; Jean Ruelle; Lysa Pinsmaye
EPI_ISL_862652, EPI_ISL_862653	Clínica Universidad de Navarra	Instituto de Salud Carlos III	A. Monzón; F. Casas; I. Fernández, M.; I. Jiménez; Iglesias-Caballero; M. Pozo; M. Cuesta; M. González-Esguevillas; M. Zaballos; M.Camarero; P. Jiménez; S. Juliá; S. Molinero Calamita; S. Varona
EPI_ISL_452496, EPI_ISL_452498, EPI_ISL_45		ISL_452507, EPI_ISL_452508, EPI_ISL_452509, EPI_ISL_45	2485, EPI_ISL_452486, EPI_ISL_452487, EPI_ISL_452488, EPI_ISL_452490, EPI_ISL_452491, EPI_ISL_452492, EPI_ISL_452493, EPI_ISL_452495, 2510, EPI_ISL_452513, EPI_ISL_452514, EPI_ISL_452516, EPI_ISL_452517, EPI_ISL_452518, EPI_ISL_452519, EPI_ISL_452520, EPI_ISL_452521, 2538, EPI_ISL_452539, EPI_ISL_452540, EPI_ISL_452541
see above	Clínica Universidad de Navarra. Servicio de Enfermedades Infecciosas y Microbiología clínica	SeqCOVID-SPAIN consortium/IBV(CSIC)	Jose Luis del Pozo and SeqCOVID-SPAIN consortium; Mirian Fernández-Alonso
EPI_ISL_1040819, EPI_ISL_1040820, EPI_ISL_1040821	CoVid WC Cape Town Metro	NHLS/UCT	Arash Iranzadeh; Bruna Galvao; Carolyn Williamson; Deelan Doolabh; Diana Hardie; Innocent Mudau; Kruger Marais; Lynn Tyers; Marvin Hsiao; Stephen Korsman
EPI_ISL_677286, EPI_ISL_677287	Colorado Department of Public Health and Environment	Colorado Department of Puplic Health and Environment	Emily A. Travanty; Laura Bankers; Molly Hetherington-Rauth; Sarah Elizabeth Totten; Shannon Ely; Shannon R. Matzinger
EPI_ISL_455328, EPI_ISL_455329, EPI_ISL_455330, EPI_ISL_455331, EPI_ISL_578194	Complejo Hospitalario Universitario La Coruna	Instituto de Salud Carlos III	A. Monzón; F. Casas; I; I. Jiménez; Iglesias-Caballero; J. López; M. Camarero; M. Cuesta; M. González-Esguevillas; M. Molinero Calamita; M. Zaballos; M.A Canizares; P. Jiménez; S. Juliá; S. Pozo; S. Varona
EPI_ISL_455333	Complejo Hospitalario Universitario de Santiago	Instituto de Salud Carlos III	A. Monzón; F. Casas; I; I. Jiménez; Iglesias-Caballero; J. Llovo; M. Camarero; M. Cuesta; M. González-Esguevillas; M. Molinero Calamita; M. Zaballos; P. Jiménez; S. Juliá; S. Pozo; S. Varona
EPI_ISL_539569, EPI_ISL_539570, EPI_ISL_53	39571, EPI_ISL_539572, EPI_ISL_862645, EPI_ISL_862646, EPI_I	ISL_862647, EPI_ISL_862648, EPI_ISL_862649, EPI_ISL_862	2650, EPLISL_862651
see above	Complejo Hospitalario de Navarra	Instituto de Salud Carlos III	A. Monzón; F. Casas; I; I. Ezpeleta, C.; I. Jiménez; Iglesias-Caballero; J. López; M. Pozo; M. Camarero; M. Cuesta; M. González-Esguevillas; M. Molinero Calamita; M. Zaballos; M.Camarero; P. Jiménez; S. Juliá; S. Molinero Calamita; S. Pozo; S. Varona
EPI_ISL_455334, EPI_ISL_455335, EPI_ISL_578195	Complejo Hospitalario de Orense	Instituto de Salud Carlos III	A. Monzón; F. Casas; I; I. Jiménez; Iglesias-Caballero; M. Camarero; M. Cuesta; M. García; M. González-Esguevillas; M. Molinero Calamita; M. Paz; M. Zaballos; P. Jiménez; S. Juliá; S. Pozo; S. Varona
EPI_ISL_435716	Connecticut State Department of Public Health	Grubaugh Lab - Yale School of Public Health	Adam Moore; Akiko Iwasaki; Albert Ko; Alice Lu; Allison Nelson; Anderson Brito; Anne Wyllie; Arnau Casanovas; Catherine Muenker; Chaney Kalinich; Chantal Vogels; Charlese Dela Cruz; Cole Jensen; Isabel Ott, Joseph Fauver; Maria Tokuyama; May Petrone; Nathan Grubaugh; Patrick Wong; Peiwen Lu; Richard Martinello; Saad Omer, Shelli Farhadian; Tara Alpert
EPI_ISL_536288	Conseil Cri de la SSS de la Baie-James	Laboratoire de santé publique du Québec	Guillaume Bourque; Ioannis Ragoussis; Jesse Shapiro; Mark Lathrop and Michel Roger on behalf of the CoVSeQ research group; Sandrine Moreira
EPI_ISL_455327, EPI_ISL_539526, EPI_ISL_53	39527, EPI_ISL_539528, EPI_ISL_539529, EPI_ISL_539530, EPI_I	ISL_691681	
see above	Consejeria de Sanidad y Asuntos Sociales	Instituto de Salud Carlos III	A. Monzón; F. Casas; G. Gutiérrez; I; I. Gutiérrez, G.; I. Jiménez; Iglesias-Caballero; M. Camarero; M. Cuesta; M. González-Esguevillas; M. Molinero Calamita; M. Pozo; M. Zaballos; P. Jiménez; S. Juliá; S. Molinero Calamita; S. Pozo; S. Varona
EPI_ISL_862641, EPI_ISL_862642, EPI_ISL_862643, EPI_ISL_862644	Consejería de Sanidad y Asuntos Sociales	Instituto de Salud Carlos III	A. Monzón; F. Casas; I. Gutiérrez, G.; I. Jiménez; Iglesias-Caballero; M. Camarero; M. Cuesta; M. González-Esguevillas; M. Pozo; M. Zaballos; P. Jiménez; S. Juliá; S. Molinero Calamita; S. Varona
EPI_ISL_468615, EPI_ISL_468616, EPI_ISL_468617, EPI_ISL_468618, EPI_ISL_468621	Contra Costa Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_454635	County Of San Luis Obispo Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
	88390, EPI_ISL_468391, EPI_ISL_468392, EPI_ISL_468393, EPI_I 88409, EPI_ISL_468410, EPI_ISL_468411, EPI_ISL_468413, EPI_I		8397, EPI_ISL_468398, EPI_ISL_468399, EPI_ISL_468400, EPI_ISL_468401, EPI_ISL_468402, EPI_ISL_468403, EPI_ISL_468404, EPI_ISL_468405,
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see above	County of San Luis Obispo Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium
EPI_ISL_437044		Chan-Zuckerberg Biohub Chan-Zuckerberg Biohub	CZB Cliahub Consortium CZB Cliahub Consortium
	County of San Luis Obispo Public Health Laboratory		

EPI_ISL_476282, EPI_ISL_476297	DB Diagnósticos do Brasil	Instituto de Medicina Tropical da Univesidade de São Paulo	Camila Alves Maia da Silva; Darlan da Silva Candido; Erika Regina Manuli; Ester Sabino; Flavia Cristina da Silva Sales; Giula Magalhaes Ferreira; Jaqueline Goes de Jesus; Julien Theze; Mariana Severo Ramundo; Nuno Faria; Samples: Nelson Gaburo Jr; Sequencing: Ingra Morales Claro; Thais de Moura Coletti
EPI_ISL_594460	DC Department of Forensic Sciences	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	
EPI_ISL_436040, EPI_ISL_436041, EPI_ISL_436042, EPI_ISL_436043	DC Public Health Lab Dept of Forensic Science	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	f Anna Uehara; Bettina Bankamp; Clinton R. Paden; Haibin Wang; Jing Zhang; Krista Queen; Suxiang Tong; Yan Li; Ying Tao; Zachary Weiner
	4907, EPI_ISL_804908, EPI_ISL_804909, EPI_ISL_804910, EPI_		14896, EPI.ISL_804897, EPI.ISL_804898, EPI.ISL_804899, EPI.ISL_804900, EPI.ISL_804901, EPI.ISL_804902, EPI.ISL_804903, EPI.ISL_804904, 4914, EPI.ISL_804915, EPI.ISL_804916, EPI.ISL_804917, EPI.ISL_804918, EPI.ISL_804919, EPI.ISL_804920, EPI.ISL_804921, EPI.ISL_804922,
see above	DC Public Health Lab/ Dept. of Forensic Sciences	DC Public Health Lab/ Dept. of Forensic Sciences	Brittany Hamilton; Connie Maza; David Payne; Elizabeth Zelaya; Janis Doss; Jocelyn Hauser; Monica Mann; Sarah Scott; Scott Nguyen
EPI_ISL_424852, EPI_ISL_447840	DC Public Health Lab/ Dept. of Forensic Sciences	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	f Alison S. Laufer Halpin; Anna Uehara; Christopher A. Elkins; Clinton R. Paden; Haibin Wang; Jasmine Padilla; Jing Zhang; Justin Lee; Krista Queen; Mary S. Keckler; Rachel Marine; Suxiang Tong; Yan Li; Ying Tao
EPI_ISL_416542, EPI_ISL_416543	Dasman Diabetes Institute	Dasman Diabetes Institute	Ebaa AlOzairi; Fahd Al-Mulla; Motasem Melhem; Qais Al-Duwairi; Rasheeba Iqbal; Sara Al-Qabandi; Sumi John
EPI_ISL_416541	Dasman Diabetes Institute and Virology Laboratory Ministry of Health	Dasman Diabetes Institute	Ebaa AlOzairi; Fahd Al-Mulla; Motasem Melhem; Qais Al-Duwairi; Rasheeba Iqbal; Sara Al-Qabandi; Sumi John
EPI_ISL_476022	Defence Research & Development Establishment	Defence Research & Development Establishment	Ambuj Shrivastava; Jyoti S Kumar; Paban Kumar Dash; Shashi Sharma; Sushil Kumar Sharma
EPI_ISL_476023	Defence Research & Development Establishment (DRDE)	Defence Research & Development Establishment (DRDE)	Ambuj Shrivastava; Jyoti S. Kumar; Paban Kumar Dash; Shashi Sharma; Sushil Kumar Sharma
EPI_ISL_576150, EPI_ISL_576151, EPI_ISL_57 EPI_ISL_576224, EPI_ISL_576225, EPI_ISL_57	6152, EPI_ISL_576153, EPI_ISL_576154, EPI_ISL_576155, EPI_	_ISL_576156, EPI_ISL_576157, EPI_ISL_576158, EPI_ISL_57 _ISL_583994, EPI_ISL_584013, EPI_ISL_584014, EPI_ISL_59	11356, EPLISL_561358, EPLISL_565830, EPLISL_565832, EPLISL_566084, EPLISL_566108, EPLISL_574585, EPLISL_574586, EPLISL_574599, 6160, EPLISL_576161, EPLISL_576162, EPLISL_576164, EPLISL_576165, EPLISL_576166, EPLISL_576167, EPLISL_576169, EPLISL_576223, 3938, EPLISL_593940, EPLISL_593945, EPLISL_593949, EPLISL_593950, EPLISL_593951, EPLISL_593952, EPLISL_593953, EPLISL_593955,
see above	Delaware Public Health Lab	Delaware Public Health Lab	Gregory Hovan
EPI_ISL_529147, EPI_ISL_529148	Democritus University of Thrace, Department of Medicine	Democritus University of Thrace, Department of Medicine	Bampali, M.; Dovrolis, N.; Froukala, E.; Gatzidou, E.; Karakasiliotis, I.; Kassela, K.; Spanakis, N.; Stavropoulou, A.; Tsakris, A.; Veletza, S.
EPI_ISL_430796, EPI_ISL_430798, EPI_ISL_430802	Departamento de Biología y genética molecular, IACA Laboratorios.	Área de Secuenciación del Laboratorio de Virología del Hospital de Niños Dr. Ricardo Gutierrez on behalf of 'Proyect Argentino Interinstitucional de genomica de SARS-CoV-2' (PAIS Consortium)	A; AS; E; Goya; LE; Lusso; MI; MS; Masciovecchio MV; Mistchenko; Nabaes Jodar; Natale; S; Streitenberger ER; Suárez; Tittarelli; Valinotto; Viegas, M. o
EPI_ISL_444493	Departamento de Laboratorios de Salud Publica (DLSP, Division Epidemiologia, Ministerio de Salud Publica)	Facultad de Ciencias (Sección Genética Evolutiva, Sección Virología).	Arbiza; Calleros, L.; Chiparelli, H.; Coppola, L.; Delfraro, A.; Frabasile, S.; Fuques, E.; Goni, N.; Grecco, S.; J. and Perez, R.; Panzera, Y.; Ramos, V.; Techera, C.
EPI_ISL_508627, EPI_ISL_508639, EPI_ISL_50	8640, EPI_ISL_508641, EPI_ISL_508642, EPI_ISL_508643, EPI_	ISL_508646, EPI_ISL_508647, EPI_ISL_508653, EPI_ISL_50	8661, EPI_ISL_508676, EPI_ISL_949208
see above	Departamento de Microbiología, CDB, Hospital Clínic, Barcelona	SeqCOVID-SPAIN consortium/IBV(CSIC)	Aida Peiró and SeqCOVID-SPAIN consortium; Andrea Vergara; Elisa Rubio; Jéssica Navero; Mikel Martínez
EPI_ISL_516922, EPI_ISL_516923, EPI_ISL_516924	Department for Molecular Diagnostics, Centre for Medical Microbiology, Institute of Public Health of Montenegro	Charite Universitatsmedizin Berlin, Institut fur Virologie	Barbara Muehlemann; Christian Drosten; Julia Schneider; Jörn Beheim-Schwarzbach; Marija Govedarica and Danijela Vujoševi; Talitha Veith; Terry Jones; Victor M Corman
EPI_ISL_420140, EPI_ISL_420142	Department for Virology, Molecular Biology and Genome Research, R. G. Lugar Center for Public Health Research, National Center for Disease Control and Public Health (NCDC) of Georgia.	Department for Virology, Molecular Biology and Genome Research, R. G. Lugar Center for Public Health Research, National Center for Disease Control and Public Health (NCDC of Georgia.	Adam Kotorashvili; Amiran Gamkrelidze; Amiran Gamkrelidze.; Ana Papkiauri; Ann Machablishvili; Anna Kasradze; Davit Tsaguria; Ekaterine Khmaladze; Ekaterine Zangaladze; Ekaterine Zhghenti; Giorgi Tomashvili; Gvantsa Brachveli; Gvantsa Chanturia; Irma Burjanadze; Ketevan Sidamonidze; Khatuna (2) Zakhashvili; Lela Sabadze; Lela Urushadze; Magda Dgebuadze; Maia Alkhazashvili; Mari Gavashelidze; Mariam Zakalashvili; Marine Murtskhvaladze; Meri Pantsulaia; Nato Kotaria; Nino Berishvili; Paata Imnadze; Roena Sukhiashvili; Tamar Jashiashvili; Tata Imnadze; Tea Tevdoradze
EPI_ISL_515082, EPI_ISL_515084	Department of Biochemistry, Cell and Molecular Biology	WACCBIP, University of Ghana	A.K.; Adu, B.; Amenga-Etego; Ampofo, W.; Amuzu; Anang; Arjarquah, A.; Asante, I.; Awandare; Bediako, Y.; Boatemaa, L.; Bonney, E.; Bonney, K.; C.M.; D.S.; Eshun, M.; G.A.; G.B.; J.K.; J.M.; Kotey, E.; Kumordjie, S.; Kyei; L.N.; Magnussen, V.; Morang'a; Mutungi; Ngoi; Quashie, P.; Tei-Maya, F.
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EPI_ISL_418624, EPI_ISL_418625, EPI_ISL_41 EPI_ISL_418648, EPI_ISL_418649, EPI_ISL_41 EPI_ISL_421185, EPI_ISL_421186, EPI_ISL_42	8626, EPI ISL 418627, EPI ISL 418628, EPI ISL 418629, EPI 8650, EPI ISL 418651, EPI ISL 418652, EPI ISL 418653, EPI 1187, EPI ISL 421188, EPI ISL 421189, EPI ISL 421190, EPI 1207, EPI ISL 421210, EPI ISL 421212, EPI ISL 421213, EPI	.ISL_418630, EPI_ISL_418631, EPI_ISL_418632, EPI_ISL_41 .ISL_418654, EPI_ISL_418655, EPI_ISL_418656, EPI_ISL_41 .ISL_421191, EPI_ISL_421192, EPI_ISL_421193, EPI_ISL_42	7016, EPLISL_417017, EPLISL_417018, EPLISL_417019, EPLISL_417020, EPLISL_417021, EPLISL_417022, EPLISL_417023, EPLISL_417025, 6833, EPLISL_418634, EPLISL_418635, EPLISL_418636, EPLISL_418636, EPLISL_418636, EPLISL_418636, EPLISL_418640, EPLISL_41
see above	Department of Clinical Microbiology	GIGA Medical Genomics	Artesi Maria; Axelle Chaslain; Bontems Sébastien; Boreux Raphaël; Bours Vincent.; Cécile Meex; Céline Fombellida-Lopez; Durkin Keith; Hayette Marie-Pierre; Keith Durkin; Maria Artesi; Marie-Pierre Hayette; Meex Cécile; Melin Pierrette; Pierrette Melin; Raphaël Boreux; Sébastien Bontems; Vincent Bours.
EPI_ISL_429280, EPI_ISL_429281, EPI_ISL_42 EPI_ISL_429307, EPI_ISL_429308, EPI_ISL_42 EPI_ISL_451988, EPI_ISL_451989, EPI_ISL_45 EPI_ISL_452007, EPI_ISL_452008, EPI_ISL_45	9282, EPI_ISL_429283, EPI_ISL_429284, EPI_ISL_429285, EPI 9309, EPI_ISL_429310, EPI_ISL_429311, EPI_ISL_429312, EPI_ 1990, EPI_ISL_451991, EPI_ISL_451992, EPI_ISL_451993, EPI_	ISL_429287, EPI_ISL_429289, EPI_ISL_429293, EPI_ISL_42 ISL_429315, EPI_ISL_429316, EPI_ISL_429318, EPI_ISL_42 ISL_451994, EPI_ISL_451995, EPI_ISL_451996, EPI_ISL_45 ISL_452014, EPI_ISL_452015, EPI_ISL_452016, EPI_ISL_45	19271, EPLISL_429272, EPLISL_429273, EPLISL_429274, EPLISL_429275, EPLISL_429276, EPLISL_429277, EPLISL_429278, EPLISL_429279, 19295, EPLISL_429302, EPLISL_429303, EPLISL_
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EPI_ISL_417187, EPI_ISL_417188, EPI_ISL_41 EPI_ISL_419250, EPI_ISL_419252	7193, EPI_ISL_417197, EPI_ISL_418815, EPI_ISL_419214, EPI_	ISL_419215, EPI_ISL_419216, EPI_ISL_419219, EPI_ISL_41	9224, EPI_ISL_419225, EPI_ISL_419226, EPI_ISL_419227, EPI_ISL_419228, EPI_ISL_419229, EPI_ISL_419232, EPI_ISL_419245, EPI_ISL_419247,
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EPI_ISL_481251	Department of Emerging Infectious Diseases, Institute of Tropical Medicine, Nagasaki University	Department of Emerging Infectious Diseases, Institute of Tropical Medicine, Nagasaki University	Haruka Abe; Jiro Yasuda; Rokusuke Yoshikawa; Yuichiro Furusato
EPI ISI 610165 EPI ISI 610166 EPI ISI 61	0167 FPLISL 610168 FPLISL 610169 FPLISL 610170 FPL	ISI 610171 EPI ISI 610172 EPI ISI 610173 EPI ISI 61	0174 FPLISE 610175 FPLISE 610177

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EPI ISL 1289435. EPI ISL 1289436. EPI ISL	_1289437, EPI_ISL_1289438, EPI_ISL_1289439, EPI_ISL_128944		
see above			Alan Ka-Lun Wu; Alex Yat-Man Ho; Barry Kin-Chung Wong; Chloe Toi-Mei Chan; David Ho-Keung Shum; Denise Sze-Hang Wong; Gliman Kit-Hang Siu; Hiu-Yin Lao; Jake Siu-Lun Leung; Kam-Tong Yip; Kenneth Siu-Sing Leung; Kingsley King-Gee Tam; Kitty Sau-Chun Fung; Kristine Luk; Lam-Kwong Lee; Miranda Chong-Yee Yau; Sandy Ka-Yee Chau; Shea Ping Yip; Tak-Lun Que; Timothy Ting-Leung Ng; Wing Cheong Yam; Wing-Kin To; Yvette Wai-Man Lai
EPI_ISL_529151, EPI_ISL_529162	Department of Immunology, The Scripps Research Institute	Andersen lab at Scripps Research	Allison Smither; Antoinette Bell; Arnaud Drouin; Dahlene Fusco; Gilberto Sabino-Santos; I. with SEARCH Alliance San Diego; Kaylynn Genemaras; Lilia Melnik; Mchardy; Patricia Snarski; Quigley, M.; Robert Garry with SEARCH Alliance San Diego; Stefanski, E.
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EPI_ISL_513298, EPI_ISL_513299, EPI_ISL_51	13300, EPI_ISL_513301, EPI_ISL_513302, EPI_ISL_513303, EPI_	ISL_513304, EPI_ISL_513305, EPI_ISL_513306, EPI_ISL_51;	3307
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EPI_ISL_524474, EPI_ISL_524480, EPI_ISL_524481	Department of Infectious Diseases, Cantonal Hospital Baden	Institute of Medical Virology, University of Zurich	Alexandra Trkola; Andrea Zbinden; Fiona Steiner; Gabriela Ziltener; Jon Huder; Jürg Böni; Maryam Zaheri; Michael Huber; Patrick Redli; Riccarda Capaul; Stefan Schmutz; Verena Kufner
EPI_ISL_457699, EPI_ISL_457700, EPI_ISL_45	57721, EPI_ISL_457724, EPI_ISL_457728, EPI_ISL_457732, EPI_	ISL_457736, EPI_ISL_457749	
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EPI_ISL_479821, EPI_ISL_479822, EPI_ISL_47		SL_479859, EPI_ISL_479860, EPI_ISL_479861, EPI_ISL_4798	868, EPI_ISL_479986, EPI_ISL_479987, EPI_ISL_479988, EPI_ISL_479989
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EPI_ISL_485398, EPI_ISL_985394, EPI_ISL_10	007662, EPI_ISL_1007663, EPI_ISL_1007664, EPI_ISL_1007665, E	EPI_ISL_1007666, EPI_ISL_1007667, EPI_ISL_1007668, EPI_	ISL_1007669, EPL_ISL_1007670, EPL_ISL_1007671
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EPI_ISL_413019, EPI_ISL_413020	Department of Internal Medicine, Triemli Hospital	Institute of Medical Virology, University of Zurich	Alexandra Trkola; Andrea Zbinden; Fiona Steiner; Gerhard Eich; Jon Huder; Jürg Böni; Maryam Zaheri; Michael Huber; Patrick Redli; Riccarda Capaul; Stefan Schmutz; Verena Kufner
EPI_ISL_477172, EPI_ISL_477174, EPI_ISL_47	77175, EPI_ISL_477177, EPI_ISL_477178, EPI_ISL_492978, EPI_I	SL_492979	
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EPI_ISL_516801, EPI_ISL_516802, EPI_ISL_516803, EPI_ISL_516804, EPI_ISL_516805	Department of Laboratory Medicine, Tan Tock Seng Hospital	Department of Laboratory Medicine, Tan Tock Seng Hospital	Barkham TMS; Chen YYC; Li C; Maurer-Stroh S; Nagarajan N; Sessions OM; Tang WY; Zair X
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EPI_ISL_538448, EPI_ISL_538449, EPI_ISL_53 EPI_ISL_538466, EPI_ISL_648043, EPI_ISL_64	38450, EPI_ISL_538451, EPI_ISL_538452, EPI_ISL_538453, EPI_I	SL_538454, EPI_ISL_538455, EPI_ISL_538456, EPI_ISL_5384 SL_648064, EPI_ISL_648065, EPI_ISL_648066, EPI_ISL_6480	438, EPL ISL_538439, EPL ISL_538440, EPL ISL_538441, EPL ISL_538442, EPL ISL_538443, EPL ISL_538444, EPL ISL_538466, EPL ISL_538467, 457, EPL ISL_538468, EPL ISL_538469, EPL ISL_538460, EPL ISL_538461, EPL ISL_538462, EPL ISL_538463, EPL ISL_538464, EPL ISL_538465, EPL ISL_648068, EPL ISL_648069, EPL ISL_648070, EPL ISL_648071, EPL ISL_648072, EPL ISL_648073, EPL ISL_648074, EPL ISL_648075, D85
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EPI_ISL_803880, EPI_ISL_803881, EPI_ISL_80	03882, EPI_ISL_803883, EPI_ISL_803884, EPI_ISL_803885, EPI_IS	SL_803886, EPI_ISL_803887, EPI_ISL_803888, EPI_ISL_8038	892, EPI_ISL_803893, EPI_ISL_803895
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EPI_ISL_420531, EPI_ISL_420532, EPI_ISL_42	20533, EPI_ISL_420534, EPI_ISL_420536, EPI_ISL_420537, EPI_IS	SL_420538, EPI_ISL_420539	
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EPI_ISL_497769, EPI_ISL_497771, EPI_ISL_49 EPI_ISL_497819, EPI_ISL_497820, EPI_ISL_49 EPI_ISL_497870, EPI_ISL_516798	97773, EPI_ISL_497775, EPI_ISL_497783, EPI_ISL_497784, EPI_I 97821, EPI_ISL_497824, EPI_ISL_497826, EPI_ISL_497827, EPI_I 97821, EPI_ISL_497824, EPI_ISL_497826, EPI_ISL_497827, EPI_ISL_497827, EPI_ISL_497827, EPI_ISL_497827, EPI_ISL_497827, EPI_ISL_497828, EPI_ISL_497827, EPI_ISL_497828, EPI_ISL_497782, EPI_ISL_497782, EPI_ISL_497782, EPI_ISL_497782, EPI_ISL_497828, EPI_ISL_49788, EPI_ISL_49788, EPI_ISL_49788, EPI_ISL_49788, EPI_ISL_497788, EPI_ISL_497788, EPI_ISL_497788, EPI_ISL_49788, EP	SL_497786, EPI_ISL_497791, EPI_ISL_497796, EPI_ISL_4977 SL_497831, EPI_ISL_497832, EPI_ISL_497833, EPI_ISL_4978	797, EPI_ISL_497798, EPI_ISL_497799, EPI_ISL_497806, EPI_ISL_497808, EPI_ISL_497810, EPI_ISL_497811, EPI_ISL_497812, EPI_ISL_497813, B40, EPI_ISL_497845, EPI_ISL_497846, EPI_ISL_497847, EPI_ISL_497848, EPI_ISL_497850, EPI_ISL_497856, EPI_ISL_497860, EPI_ISL_497864, EPI_ISL_497850, EPI_
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EPI_ISL_437626

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EPI ISL 425255, EPI ISL 425257, EPI ISL 425 EPI ISL 425290, EPI ISL 425292, EPI ISL 425 EPI ISL 425312, EPI ISL 425313, EPI ISL 425 EPI ISL 425335, EPI ISL 425338, EPI ISL 425 EPI ISL 425339, EPI ISL 425395, EPI ISL 425 EPI ISL 425432, EPI ISL 425433, EPI ISL 425	;260, EPI_ISL_425262, EPI_ISL_425264, EPI_ISL_425266, EPI_ ;293, EPI_ISL_425294, EPI_ISL_425295, EPI_ISL_425296, EPI_ ;314, EPI_ISL_425315, EPI_ISL_425316, EPI_ISL_425317, EPI_ ;314, EPI_ISL_425342, EPI_ISL_425348, EPI_ISL_425345, EPI_ ;3398, EPI_ISL_425401, EPI_ISL_425402, EPI_ISL_425403, EPI_	ISL 425269, EPI ISL 425270, EPI ISL 425273, EPI ISL 425381, EPI ISL 425300, EPI ISL 425301, EPI ISL 425318, EPI ISL 425300, EPI ISL 425318, EPI ISL 425319, EPI ISL 425318, EPI ISL 425319, EPI ISL 425350, EPI ISL 425360, EPI ISL 425360, EPI ISL 425360, EPI ISL 425404, EPI ISL 425407, EPI ISL 425404, EPI ISL 425407, EPI ISL 425450, EPI ISL 425450	240, EPL ISL 425242, EPL ISL 425246, EPL ISL 425248, EPL ISL 425249, EPL ISL 425250, EPL ISL 425251, EPL ISL 425253, 275, EPL ISL 425257, EPL ISL 425277, EPL ISL 425278, EPL ISL 425278, EPL ISL 425278, EPL ISL 425286, EPL ISL 425287, EPL ISL 425288, 303, EPL ISL 425304, EPL ISL 425305, EPL ISL 425305, EPL ISL 425307, EPL ISL 425309, EPL ISL 425309, EPL ISL 425310, EPL ISL 425311, 522, EPL ISL 425323, EPL ISL 425324, EPL ISL 425325, EPL ISL 425327, EPL ISL 425327, EPL ISL 425327, EPL ISL 425328, EPL ISL 425332, EPL ISL 425332, EPL ISL 425342, EPL ISL 425428, EPL ISL 42
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EPI_ISL_454750, EPI_ISL_454751, EPI_ISL_454752, EPI_ISL_454753, EPI_ISL_454755, EPI_ISL_454755, EPI_ISL_454756, EPI_ISL_454756, EPI_ISL_454756, EPI_ISL_454766, EPI_ISL_454766, EPI_ISL_454767, EPI_ISL_454787, EPI_ISL_454787, EPI_ISL_547445, EPI_ISL_547445, EPI_ISL_547445, EPI_ISL_547445, EPI_ISL_547457, EPI_ISL_547457, EPI_ISL_547457, EPI_ISL_547457, EPI_ISL_547457, EPI_ISL_547457, EPI_ISL_547467, EPI_ISL_547467, EPI_ISL_547467, EPI_ISL_547467, EPI_ISL_547467, EPI_ISL_547467, EPI_ISL_547467, EPI_ISL_547467, EPI_ISL_547457, EPI_ISL_547457 EPI ISL 547475, EPI ISL 547483, EPI ISL 547484, EPI ISL 547484, EPI ISL 547484, EPI ISL 547484, EPI ISL 547485, EPI ISL 547491, EPI ISL 547515, EPI ISL 547515, EPI ISL 547516, EPI ISL 547515, EPI ISL 547516, EPI ISL 547516, EPI ISL 547515, EPI ISL 547516, EPI ISL 547491, EPI ISL 547515, EPI ISL 547515, EPI ISL 547516, EPI ISL 547516 EPI_ISL_547517, EPI_ISL_547518, EPI_ISL_547524, EPI_ISL_547525, EPI_ISL_547527, EPI_ISL_547529, EPI_ISL_547529, EPI_ISL_547529, EPI_ISL_547531, EPI_ISL_547531 EPI ISL 636496, EPI ISL 636507, EPI ISL 636509, EPI ISL 636509, EPI ISL 636500, EPI ISL 636500, EPI ISL 636501, EPI ISL 636501, EPI ISL 636503, EPI ISL 636503, EPI ISL 636503, EPI ISL 636503, EPI ISL 636504, EPI ISL 636504, EPI ISL 636504, EPI ISL 636505, EPI ISL 636506, EPI ISL 636506, EPI ISL 636506, EPI ISL 636507, EPI ISL 636507, EPI ISL 636507, EPI ISL 636508, EPI ISL 636508, EPI ISL 636508, EPI ISL 636509, EPI ISL 636509 EPI ISL 636540, EPI ISL 636541, EPI ISL 636542, EPI ISL 636542, EPI ISL 636552, EPI ISL 636553, EPI ISL 804399, EPI ISL 804399 EPI ISL 804409, EPI ISL 804410, EPI ISL 804411, EPI ISL 804411, EPI ISL 804413, EPI ISL 804414, EPI ISL 804413, EPI ISL 804413, EPI ISL 804435, EPI ISL 804442, EPI ISL 804435, EPI ISL 804442, EPI ISL 804449, EPI ISL 804449, EPI ISL 804449, EPI ISL 804414, EPI ISL 804414 EPI ISL 804455, EPI ISL 804458, EPI ISL 804459, EPI ISL 804460, EPI ISL 804462, EPI ISL 1035593, EPI ISL 1035605, EPI ISL 1035606, EPI ISL 1035698

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Jacob Garfin; Matt Plumb; and Xiong Wang

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Pathogen Discovery, Respiratory Viruses Branch, Division of Alison S. Laufer Halpin; Anna Uehara; Christopher A. Elkins; Clinton R. Paden; Haibin Wang; Jing Zhang; Krista Queen; Mary S. Keckler; Rachel Marine; Suxiang Tong; Yan Li; Ying Tao

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EPI_ISL_452110, EPI_ISL_452111, EPI_ISL_452132	FL Bureau of Public Health Laboratories	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Alison S. Laufer Halpin; Anna Montmayeur; Anna Uehara; Christopher A. Elkins; Clinton R. Paden; Haibin Wang; Jing Zhang; Krista Queen; Mary S. Keckler; Rachel Marine; Suxiang Tong; Yan Li; Ying Tao; Zachary Weiner
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EPI_ISL_419559, EPI_ISL_419560, EPI_ISL_424855, EPI_ISL_447841, EPI_ISL_812138, EPI_ISL_812142	FL Bureau of Public Health Laboratories-Tampa	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Alison S. Laufer Halpin; Anna Montmayeur; Anna Uehara; Brian Lynch; Christopher A. Elkins; Clinton R. Paden; Haibin Wang; Jasmine Padilla; Jing Zhang; Justin Lee; Krista Queen; Mary S. Keckler; Peter Cook; Rachel Marine; Suxiang Tong; Yan Li; Ying Tao
EPI_ISL_445277	FUNDACION DE SALUD EL TENIENTE	Instituto de Salud Publica de Chile	Alejandra Acevedo; Andrés E Castillo; Bárbara Parra; Carolina Tambley; Gabriel Leal; Jaime Lagos; Jorge Fernandez; Loredana Arata; Patricia Bustos; Paz Tapia; Rodrigo Fasce; Winston Andrade
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EPI_ISL_451963, EPI_ISL_451966, EPI_ISL_451969, EPI_ISL_451970	Federal Budget Institution of Science, State Research Center for Applied Microbiology & Biotechnology	Federal Budget Institution of Science, State Research Center for Applied Microbiology & Biotechnology	Abaimova A; Bakhteeva I; Blagodatskikh S; Bogun A; Borzilov A; Chekan L; Chernysh S; Denisenko E; Dentovskaya S; Detushev K; Detusheva E; Dyatlov I; Firstova V; Frolov V; Fursov M; Fursova N; Galkina E; Gapelchenkova T; Goncharova J; Gorbatov A; Hlyntseva A; Ivanov S; Kalmantayev T; Kalmantayeva O; Kanashenko M; Kartsev N; Kartseva A; Korhmyakov A; Khramov M; Kislichkina A; Kolchanova A; Korolova A; Kosilova I; Krasilnikova E; Kuzin V; Kuzina E; Makarova M; Marin M; Novikova T; Platonov M; Podkopaev Y; Ryabko A; Shaikhutdinova R; Shemyakin I; Shishkina L; Silkina M; Sizova A; Skryabin Y; Slukina N; Solomentsev V; Solovieva A; Teymurazov M; Timofeev V; Titareva G; Trunyakova A; Tyurin E; Vagayskaya A; Zeninskaya N; Zhumakaev R
EPLISL 495351, EPLISL 495355, EPLISL 49 EPLISL 495402, EPLISL 495403, EPLISL 495 EPLISL 508776, EPLISL 508777, EPLISL 50 EPLISL 508797, EPLISL 508798, EPLISL 50 EPLISL 509725, EPLISL 509726, EPLISL 50 EPLISL 509743, EPLISL 509745, EPLISL 50 EPLISL 509762, EPLISL 509763, EPLISL 50 EPLISL 509762, EPLISL 509763, EPLISL 50	95357, EPI_ISL_495359, EPI_ISL_495360, EPI_ISL_495363, EPI_ 95778, EPI_ISL_508743, EPI_ISL_508744, EPI_ISL_508745, EPI_ 95778, EPI_ISL_508779, EPI_ISL_508780, EPI_ISL_508781, EPI_ 96799, EPI_ISL_508800, EPI_ISL_508801, EPI_ISL_508802, EPI_ 99727, EPI_ISL_509728, EPI_ISL_509729, EPI_ISL_509730, EPI_ 99746, EPI_ISL_509747, EPI_ISL_509748, EPI_ISL_509749, EPI_ 99764, EPI_ISL_509765, EPI_ISL_509766, EPI_ISL_509767, EPI_	ISL 496371, EPI_ISL 495388, EPI_ISL 496389, EPI_ISL 496 ISL_508746, EPI_ISL_508748, EPI_ISL_508749, EPI_ISL_508 ISL_508762, EPI_ISL_508784, EPI_ISL_508786, EPI_ISL_508 ISL_508803, EPI_ISL_50874, EPI_ISL_508805, EPI_ISL_508 ISL_509731, EPI_ISL_509732, EPI_ISL_509732, EPI_ISL_508 ISL_509750, EPI_ISL_509771, EPI_ISL_5097752, EPI_ISL_508 ISL_509769, EPI_ISL_509771, EPI_ISL_509772, EPI_ISL_508 ISL_503253, EPI_ISL_653254, EPI_ISL_653255, EPI_ISL_508	\$332, EPI_ISL_495333, EPI_ISL_495334, EPI_ISL_495342, EPI_ISL_495344, EPI_ISL_495346, EPI_ISL_495347, EPI_ISL_495349, EPI_ISL_495350, \$390, EPI_ISL_495393, EPI_ISL_495394, EPI_ISL_505396, EPI_ISL_505396, EPI_ISL_495397, EPI_ISL_495398, EPI_ISL_495399, EPI_ISL_495399, EPI_ISL_506774, EPI_ISL_506774, EPI_ISL_506775, EPI_ISL_506774, EPI_ISL_506774, EPI_ISL_506775, EPI_ISL_506774, EP
see above	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Jason Blanton; Sarah Schmedes
EPI_ISL_541144, EPI_ISL_541237	Florida Bureau of Public Health Laboratories, Florida Department of Health	Florida Bureau of Public Health Laboratories, Florida Department of Health	Blanton, J.; Schmedes, S.
EPI_ISL_632020, EPI_ISL_632022, EPI_ISL_63 EPI_ISL_632137, EPI_ISL_632138, EPI_ISL_63	32024, EPI_ISL_632027, EPI_ISL_632097, EPI_ISL_632103, EPI_	SL_632104, EPI_ISL_632105, EPI_ISL_632119, EPI_ISL_632 ISL_632181, EPI_ISL_632185, EPI_ISL_632190, EPI_ISL_632	1894, EPI_ISL_631906, EPI_ISL_631961, EPI_ISL_631964, EPI_ISL_631968, EPI_ISL_632003, EPI_ISL_632010, EPI_ISL_632018, EPI_ISL_632019, epi_ISL_632122, EPI_ISL_632124, EPI_ISL_632125, EPI_ISL_632126, EPI_ISL_632127, EPI_ISL_632132, EPI_ISL_632133, EPI_ISL_632134, epi_ISL_632124, EPI_ISL_632124, EPI_ISL_632214, EPI_ISL_632214, EPI_ISL_632214, EPI_ISL_632214, EPI_ISL_632214, EPI_ISL_632225, epi_ISL_632967, EPI_ISL_632968
see above	Flushing Hospital Medical Center	New York City Public Health Laboratory	Jade Wang; et al.
EPI_ISL_470882	Foerde Hospital, Department of Microbiology	Norwegian Institute of Public Health, Department of Virology	Hilde Elshaug; Kamilla Heddeland Instefjord; Karoline Bragstad; Kathrine Stene-Johansen; Olav Hungnes; Rasmus Riis Kopperud
EPI_ISL_455903, EPI_ISL_476139	Folkhalsomyndigheten	The Public Health Agency of Sweden	Anna Risberg; Anna-Malin Linde; Karin Tegmark-Wisell; Maria Lind Karlberg; Mattias Haukland; Olov Svartstrom; Oskar Karlsson Lindsjo; Petra Edquist; Reza Advani; Sandra Broddesson; Shamam Muradrasoli
EPI_ISL_434650, EPI_ISL_475536	Follinge Halsocentral	The Public Health Agency of Sweden	Anna Risberg; Anna-Malin Linde; Karin Tegmark-Wisell; Kerstin Persson Moberg; Maria Lind Karlberg; Mattias Haukland; Mia Brytting; Olov Svartstrom; Oskar Karlsson Lindsjo; Reza Advani; Sandra Broddesson; Theresa Enkirch
EPI_ISL_413587	Foundation Elisabeth-Tweesteden Ziekenhuis	Erasmus Medical Center	Anne van der Linden; Annemiek van der Eijk; Aura Timen; Bas Oude Munnink; Claudia Schapendonk; Corien Swaan; Corine GeurtsvanKessel; David hieuwenhulige; Inina Chestakova; Jeroen van Kampen; Jolanda Voermans; Madellefi Mollers; Manon Haverkate, Marion Koopmans; Mark Pronk; Mart Stein; Pascal Lexmond; Reina Sikkema; Richard Molenkamp; Sandra Kengne Kamga Mobou; on behalf of the Dutch national COVID-19 response team.
EPI_ISL_411060, EPI_ISL_411066, EPI_ISL_43	31118, EPI_ISL_431180, EPI_ISL_431240, EPI_ISL_431782, EPI_	_ISL_431783, EPI_ISL_431784, EPI_ISL_431785	
see above	Fujian Center for Disease Control and Prevention	Fujian Center for Disease Control and Prevention	Chen Wei; He Wenxiang; Huang Zhimiao; Lin Qi; Weng Yuwei; Zhang Yanhua
EPI_ISL_862839, EPI_ISL_862857	Fujita Health University Bantane Hospital	Fujita health University, School of Medicine, Department of Microbiology	Masahiro suzuki; Yohei Doi
EPI_ISL_862837, EPI_ISL_862838, EPI_ISL_862840, EPI_ISL_862841	Fujita Health University Hospital	Fujita health University, School of Medicine, Department of Microbiology	Masahiro suzuki; Yohei Doi
EPI_ISL_728000	Fujita Health University Okazaki Medical Center	Department of Virology and Parasitology, Fujita Health University School of Medicin	Aki Sakurai; Masahiro suzuki; Satoshi Komoto; Takayuki Murata; Takuma Ishihara; Tomihiko Ide; Yohei Doi
EPI_ISL_718273, EPI_ISL_727998, EPI_ISL_72	27999, EPI_ISL_728153, EPI_ISL_728154, EPI_ISL_728155, EPI_	_ISL_728156, EPI_ISL_728159	
see above	Fujita Health University Okazaki Medical Center	Department of Virology and Parasitology, Fujita Health University School of Medicine	Aki Sakurai; Masahiro suzuki; Satoshi Komoto; Takayuki Murata; Takuma Ishihara; Tomihiko Ide; Yohei Doi
EPI_ISL_728206, EPI_ISL_728207, EPI_ISL_728208	Fujita Health University Okazaki Medical Center	Fujita health University, Department of Microbiology	Aki Sakurai; Masahiro suzuki; Satoshi Komoto; Takayuki Murata; Takuma Ishihara; Tomihiko Ide; Yohei Doi
EPI_ISL_479967, EPI_ISL_479968, EPI_ISL_47 EPI_ISL_480128, EPI_ISL_480129	79969, EPI_ISL_479970, EPI_ISL_479971, EPI_ISL_479972, EPI_	LISL_479973, EPI_ISL_479974, EPI_ISL_479975, EPI_ISL_479	9976, EPI_ISL_479977, EPI_ISL_479978, EPI_ISL_480120, EPI_ISL_480121, EPI_ISL_480122, EPI_ISL_480123, EPI_ISL_480124, EPI_ISL_480125,
see above	Fukui Prefectural Institute of Public Health and Environmental Science	Pathogen Genomics Center, National Institute of Infectious Diseases	Hajime Kamiya; Kentaro Itokawa; Makoto Kuroda; Masanori Hashino; Miho Toho; Motoi Suzuki; Rina Tanaka; Tsuyoshi Sekizuka
EPI_ISL_684421, EPI_ISL_684422, EPI_ISL_68	84429, EPI_ISL_684434, EPI_ISL_684435, EPI_ISL_684436, EPI_		
see above	Fukuoka Institute of Health and Environmental Sciences	Pathogen Genomics Center, National Institute of Infectious Diseases	Kentaro Itokawa; Makoto Kuroda; Masanori Hashino; Rina Tanaka; Tsuyoshi Sekizuka
EPI_ISL_419235, EPI_ISL_419236, EPI_ISL_419237	Fundacion Jimenez Diaz	Instituto de Salud Carlos III	Camarero, S.; Casas, I.; Cuesta, I.; Fernández, R.; González-Esguevillas, M.; Iglesias-Caballero, M.; Jiménez, M.; Jiménez, P.; Juliá, M.; Molinero Calamita, M.; Monzón, S.; Pozo, F.; Varona, S.; Zaballos, A.
EPI_ISL_462447, EPI_ISL_462448, EPI_ISL_462449	Fundació Lluita contra la SIDA (FLSida)/Hospital Universitari Germans Trias i Pujol	IrsiCaixa AIDS Research Lab	Bonaventura Clotet; Joaquim Segalés; Jorge Carrillo; Julia Blanco; Lidia Ruiz; Marc Corbacho; Marc Noguera-Julian; Maria Pilar Armengol; Maria Ubals; Mariona Parera; Nuria Izquierdo; Oriol Mitjà; Roger Paredes

EPI_ISL_462478	Fundación Jiménez Díaz	Instituto de Salud Carlos III	A. Monzón; F. Casas; I; I. Jiménez; Iglesias-Caballero; M. Camarero; M. Cuesta; M. González-Esguevillas; M. Molinero Calamita; M. Zaballos; P. Jiménez; R. Fernández; S. Juliā; S. Pozo; S. Varona
EPI_ISL_420313	Furst Medical Laboratory	Norwegian Institute of Public Health, Department of Virology	R. Fernandez, S. Julia, S. Pozo, S. Varoria Hilde Elshaug; Kamilla Heddeland Instefjord; Karoline Bragstad; Kathrine Stene-Johansen; Olav Hungnes
EPI_ISL_522549	Félix Guyon Hospital	UMR PIMIT Université de La Réunion	Camille Lebarbenchon; David Wilkinson; Patrick Mavingui
EPI_ISL_420786, EPI_ISL_420787,	GA Department of Public Health	Pathogen Discovery, Respiratory Viruses Branch, Division of	-
EPI_ISL_420788	·	Viral Diseases, Centers for Disease Control and Prevention	S. Keckler; Rachel Marine; Suxiang Tong; Yan Li; Ying Tao
EPI_ISL_419556, EPI_ISL_419557, EPI_ISL_424	858, EPI_ISL_424859, EPI_ISL_424861, EPI_ISL_424864, EPI_	_ISL_426417	
see above	GA Department of Public Health Laboratory	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Alison S. Laufer Halpin; Anna Uehara; Christopher A. Elkins; Clinton R. Paden; Haibin Wang; Jasmine Padilla; Jing Zhang; Justin Lee; Krista Queen; Mary S. Keckler; Rachel Marine; Suxiang Tong; Yan Li; Ying Tao
EPI_ISL_418416, EPI_ISL_508878, EPI_ISL_509003, EPI_ISL_509004	GH Les Portes du Sud	CNR Virus des Infections Respiratoires - France SUD	Alexandre Gaymard; Antonin Bal; Bruno Lina; Carine Moustaud; Florence Morfin-Sherpa; Gregory Destras; Gwendolyne Burfin; Laurence Josset; Martine Valette; Maude Bouscambert-Duchamp; Raphaelle Lamy; Solenne Brun
EPI_ISL_428351, EPI_ISL_428352, EPI_ISL_428363	GH Nord Essonne Service de Biologie clinique	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Angela Brisebarre; Etienne Simon-Lorière; Flora Donati; Marion Barbet; Maud Vanpeene; Mélanie Albert; Méline Bizard; Sylvie Behillil; Sylvie van der Werf; Vincent Enouf
EPI_ISL_583429, EPI_ISL_583434, EPI_ISL_583463, EPI_ISL_583464, EPI_ISL_583467	Garcia-Sastre Laboratory, Department of Microbiology, Icahn School of Medicine at Mount Sinai	van Bakel Laboratory, Genetics and Genomics Sciences, Icahn School of Medicine at Mount Sinai	Adolfo García-Sastre; Adriana van de Guchte; Ajay Obla; Ana S. Gonzalez-Reiche; Genovefa Papanicolaou; Gunjan Shah; Harm van Bakel; Jayeeta Dutta; Judith Aberg; Kent Sepkowitz; Miguel-Angel Perales; Ngolela Esther Babady; Sadaf Aslam; Teresa Aydillo; Tobias Hohl; Zenab Khan; and Mini Kamboj
EPI_ISL_475110, EPI_ISL_475115	Gavle klinisk mikrobiologi	The Public Health Agency of Sweden	Anna Risberg; Anna-Malin Linde; Karin Tegmark-Wisell; Maria Lind Karlberg; Mattias Haukland; Olov Svartstrom; Oskar Karlsson Lindsjo; Petra Edquist; Reza Advani; Sandra Broddesson; Shamam Muradrasoli
EPI_ISL_420855, EPI_ISL_420876, EPI_ISL_420877, EPI_ISL_430064	Geelong Centre for Emerging Infectious Diseases	Geelong Centre for Emerging Infectious Diseases	Alexandersen S.; Bhatta T.R.; Chamings A.; Chamings, A.; Raj Bhatta T.
EPI_ISL_406798, EPI_ISL_406800, EPI_ISL_406801	General Hospital of Central Theater Command of People's Liberation Army of China	BGI & Institute of Microbiology, Chinese Academy of Sciences & Shandong First Medical University & Shandong Academy of Medical Sciences & General Hospital of Central Theater Command of People's Liberation Army of China	Weifeng Shi and Zhenhong Hu; Weijun Chen; Yuhai Bi
EPI_ISL_1167779, EPI_ISL_1167782, EPI_ISL_1	167789, EPI_ISL_1167793, EPI_ISL_1167807, EPI_ISL_116782	21, EPI_ISL_1167824, EPI_ISL_1167830	
see above	Genetica Molecular and Subdepartamento de Virologia ISP Chile	Instituto de Salud Publica de Chile	Andres Castillo; Barbara Parra; Gisselle Barra; Jaime Lagos; Javier Tognarelli; Jorge Fernandez; Karen Orostica; Loredana Arata; Patricia Bustos; Rodrigo Fasce
EPI_ISL_452120, EPI_ISL_452125	Georgia Department of Health	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Alison S. Laufer Halpin; Anna Montmayeur; Anna Uehara; Christopher A. Elkins; Clinton R. Paden; Haibin Wang; Jing Zhang; Krista Queen; Mary S. Keckler; Rachel Marine; Suxiang Tong; Yan Li; Ying Tao; Zachary Weiner
EPI_ISL_594456	Georgia Public Health Laboratory	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Anna Uehara; Clinton Paden; Haibin Wang; Jing Zhang; Julu Bhatnagar; Krista Queen; Suxiang Tong; Yan Li; Ying Tao
EPI_ISL_539524, EPI_ISL_862567, EPI_ISL_862640	Gerencia de Asistencia Sanitaria de Soria	Instituto de Salud Carlos III	A. Monzón; C. Aldea; F. Casas; I; I. Jiménez; Iglesias-Caballero; M. Camarero; M. Cuesta; M. González-Esguevillas; M. Molinero Calamita; M. Zaballos; P. Jiménez; S. Juliá; S. Pozo; S. Varona
EPI_ISL_539557	Gerencia del área de salud de Badajoz, Llerena y Zafra	Instituto de Salud Carlos III	A. Monzón; C. Pazos; F. Casas; I; I. Jiménez; Iglesias-Caballero; M. Camarero; M. Cuesta; M. González-Esguevillas; M. Molinero Calamita; M. Zaballos; P. Jiménez; S. Juliá; S. Pozo; S. Varona
EPI_ISL_480083, EPI_ISL_480084, EPI_ISL_4800	085, EPI_ISL_480086, EPI_ISL_480087, EPI_ISL_480088, EPI_	_ISL_480089	
see above	Gifu Prefectural Institute of Public Health and Environmental Sciences	Pathogen Genomics Center, National Institute of Infectious Diseases	Hajime Kamiya; Kentaro Itokawa; Makoto Kuroda; Masanori Hashino; Motoi Suzuki; Rina Tanaka; Tsuyoshi Sekizuka; Yoshihiko Kameyama
EPI_ISL_452221	Goethe University Hospital Frankfurt	Institute for Medical Virology, Goethe University Hospital Frankfurt	Annemarie Berger; Björn Rotter; Denisa Bojkova; Jindrich Cinatl; Klaus Hoffmeier; Sandra Westhaus; Sandra Ciesek; Sebastian Hoehl; Tuna Toptan; and Marek Widera
EPI_ISL_1225382	Gorgas Memorial Laboratory of Health Studies	Gorgas Memorial Laboratory of Health Studies	Adriana Weeden; Alejandra Valoy; Alexander Martinez; Ambar Moreno; Anyuri Ortiz; Brechla Moreno; Claudia Gonzalez; Daniel Castillo; Danilo Franco; Davis Beltran; Dimelza Arauz; Elimelec Valdespino; Gretel Vasquez; Ilka Guerra; Isela Guerrero; Jessica Gondola; Jim Chang; Juan Miguel Pascale; Layda Abrego; Lisseth Saenz; Mabel Martinez-Montero; Maria Chen-German; Marlene Castillo; Melissa Gaitan; Oris Chavarria; Rita Corrales; Rita Rodriguez; Sandra Lopez-Verges; Yanelth Pitti; Zumara Chaverra
EPI_ISL_640040, EPI_ISL_640043, EPI_ISL_1040818, EPI_ISL_1040822	Groote Schuur Hospital wc GSH	NHLS/UCT	Arash Iranzadeh; Bruna Galvac; Carolyn Williamson; Deelan Doolabh; Diana Hardie; Innocent Mudau; Kruger Marais; Lynn Tyers; Marvin Hsiao; Stephen Korsman
EPI_ISL_447734, EPI_ISL_447735, EPI_ISL_4477	736, EPI_ISL_447738, EPI_ISL_447739, EPI_ISL_447740, EPI_	_ISL_447741, EPI_ISL_447742, EPI_ISL_447743, EPI_ISL_447	744, EPI_ISL_447745, EPI_ISL_447746, EPI_ISL_447747, EPI_ISL_447748, EPI_ISL_447750, EPI_ISL_447754
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EPI_ISL_406531 EPI_ISL_406533	Guangdong Provincial Center for Diseases Contorl and	Universidad del Rosario, Bogotá, Colombia Instituto Nacional de Salud, Bogotá, Colombia Icahn School of Medicine at Mount Sinai, New York, USA Guangdong Provincial Center for Disease Control and	Martha L. Ospina; Matthew M. Hernandez; Nathalia Ballesteros; Sergio Castañeda; Sergio Gomez; Viviana Simon Baisheng Li; Changwen Ke; Feng Ruan; Guanhao He; Haojie Zhong; Huihong Deng; Jianfeng He; Jianpeng Xiao; Jianxiang Geng; Jianxiong Hu; Jie Wu; Jing Lu; Lifeng Lin; Lijun Liang; Lirong Zou; Min Kang; Qi Zhu; Shujiang Mei; Songjian Xiao; Tao Liu; Tie Song; Weilin Zeng; Wenjun Ma; Xing Li; Xiujuan
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EPI_ISL_406533 EPI_ISL_403932, EPI_ISL_403933, EPI_ISL_403934, EPI_ISL_403935,	Guangdong Provincial Center for Diseases Contorl and Prevention; Guangdong Provinical Public Health Guangdong Provincial Center for Diseases Contorl and Prevention; Guangdong Provinical Public Health Guangdong Provincial Center for Diseases Control and	Universidad del Rosario, Bogotá, Colombia Instituto Nacional de Salud, Bogotá, Colombia Icann School of Medicine at Mount Sinai, New York, USA Guangdong Provincial Center for Disease Control and Prevention Guangdong Provincial Center for Diseases Control and Prevention	Martha L. Ospina; Matthew M. Hernandez; Nathalia Ballesteros; Sergio Castañeda; Sergio Gomez; Viviana Simon Baisheng Li; Changwen Ke; Feng Ruan; Guanhao He; Haojie Zhong; Huihong Deng; Jianfeng He; Jianpeng Xiao; Jianxiang Geng; Jianxiong Hu; Jie Wu; Jing Lu; Lifeng Lin; Lijun Liang; Lirong Zou; Min Kang; Qi Zhu; Shujiang Mei; Songjian Xiao; Tao Liu; Tie Song; Weilin Zeng; Wenjun Ma; Xing Li; Xiujuan Tang; Xue Zhuang; Xuguang Chen; Ying Wang; Yingchao Song; Yingtao Zhang; Yuhuang Liao; Zhe Liu Baisheng Li; Changwen Ke; Feng Ruan; Guanhao He; Haojie Zhong; Huihong Deng; Jianfeng He; Jianpeng Xiao; Jianxiang Geng; Jianxiong Hu; Jie Wu; Jing Lu; Lifeng Lin; Lijun Liang; Lirong Zou; Min Kang; Qi Zhu; Shujiang Mei; Songjian Xiao; Tao Liu; Tie Song; Weilin Zeng; Wenjun Ma; Xing Li; Xiujuan Tang; Xue Zhuang; Xuguang Chen; Ying Wang; Yingchao Song; Yingtao Zhang; Yuhuang Liao; Zhe Liu Baisheng Li; Changwen Ke; Feng Ruan; Guanhao He; Haojie Zhong; Huihong Deng; Jianfeng He; Jianpeng Xiao; Jianxiang Geng; Jianxiong Hu; Jie Wu; Jing Lu; Lifeng Lin; Lijun Liang; Lirong Zou; Min Kang; Qi Zhu; Shujiang Mei; Songjian Xiao; Tao Liu; Tie Song; Weilin Zeng; Wenjun Ma; Xing Li; Xiujuan Jing Lu; Lifeng Lin; Lijun Liang; Lirong Zou; Min Kang; Qi Zhu; Shujiang Mei; Songjian Xiao; Tao Liu; Tie Song; Weilin Zeng; Wenjun Ma; Xing Li; Xiujuan
EPI_ISL_406533 EPI_ISL_403932, EPI_ISL_403933, EPI_ISL_403934, EPI_ISL_403935, EPI_ISL_403936, EPI_ISL_403937 EPI_ISL_406534, EPI_ISL_406535,	Guangdong Provincial Center for Diseases Contorl and Prevention; Guangdong Provinical Public Health Guangdong Provincial Center for Diseases Contorl and Prevention; Guangdong Provinical Public Health Guangdong Provincial Center for Diseases Control and Prevention; Guangdong Provincial Public Health Guangdong Provincial Center for Diseases Control and	Universidad del Rosario, Bogotá, Colombia Instituto Nacional de Salud, Bogotá, Colombia Icahn School of Medicine at Mount Sinai, New York, USA Guangdong Provincial Center for Disease Control and Prevention Guangdong Provincial Center for Diseases Control and Prevention Department of Microbiology, Guangdong Provincial Center for Diseases Control and Prevention Guangdong Provincial Center for Diseases Control and Prevention	Martha L. Ospina; Matthew M. Hernandez; Nathalia Ballesteros; Sergio Castañeda; Sergio Gomez; Viviana Simon Baisheng Li; Changwen Ke; Feng Ruan; Guanhao He; Haojie Zhong; Huihong Deng; Jianfeng He; Jianpeng Xiao; Jianxiang Geng; Jianxiong Hu; Jie Wu; Jing Lu; Lifeng Lin; Lijun Liang; Lirong Zou; Min Kang; Gi Zhu; Shujiang Mei; Songjian Xiao; Tao Liu; Tie Song; Weilin Zeng; Wenjun Ma; Xing Li; Xiujuan Tang; Xue Zhuang; Xuguang Chen; Ying Wang; Yingchao Song; Yingtao Zhang; Yuhuang Liao; Zhe Liu Baisheng Li; Changwen Ke; Feng Ruan; Guanhao He; Haojie Zhong; Huihong Deng; Jianfeng He; Jianpeng Xiao; Jianxiang Geng; Jianxiong Hu; Jie Wu; Jing Lu; Lifeng Lin; Lijun Liang; Lirong Zou; Min Kang; Gi Zhu; Shujiang Mei; Songjian Xiao; Tao Liu; Tie Song; Weilin Zeng; Wenjun Ma; Xing Li; Xiujuan Tang; Xue Zhuang; Xuguang Chen; Ying Wang; Yingchao Song; Yingtao Zhang; Yuhuang Liao; Zhe Liu Baisheng Li; Changwen Ke; Feng Ruan; Guanhao He; Haojie Zhong; Huihong Deng; Jianfeng He; Jianpeng Xiao; Jianxiang Geng; Jianxiong Hu; Jie Wu; Jing Lu; Lifeng Lin; Lijun Liang; Lirong Zou; Min Kang; Gi Zhu; Shujiang Mei; Songjian Xiao; Tao Liu; Tie Song; Weilin Zeng; Wenjun Ma; Xing Li; Xiujuan Tang; Xue Zhuang; Xuguang Chen; Ying Wang; Yingchao Song; Yingtao Zhang; Yuhuang Liao; Zhe Liu Baisheng Li; Changwen Ke; Feng Ruan; Guanhao He; Haojie Zhong; Huihong Deng; Jianfeng He; Jianpeng Xiao; Jianxiang Geng; Jianxiong Hu; Jie Wu; Jing Lu; Lifeng Lin; Lijun Liang; Lirong Zou; Min Kang; Gi Zhu; Shujiang Mei; Songjian Xiao; Tao Liu; Tie Song; Weilin Zeng; Wenjun Ma; Xing Li; Xiujuan Jing Lu; Lifeng Lin; Lijun Liang; Lirong Zou; Min Kang; Gi Zhu; Shujiang Mei; Songjian Xiao; Tao Liu; Tie Song; Weilin Zeng; Wenjun Ma; Xing Li; Xiujuan Ling Lifeng Lin; Lijun Liang; Lirong Zou; Min Kang; Gi Zhu; Shujiang Mei; Songjian Xiao; Tao Liu; Tie Song; Weilin Zeng; Wenjun Ma; Xing Li; Xiujuan
EPI_ISL_406533 EPI_ISL_403932, EPI_ISL_403933, EPI_ISL_403934, EPI_ISL_403935, EPI_ISL_403936, EPI_ISL_403937 EPI_ISL_406534, EPI_ISL_406535, EPI_ISL_406536 EPI_ISL_406538 EPI_ISL_428441, EPI_ISL_428442, EPI_ISL_4284	Guangdong Provincial Center for Diseases Contorl and Prevention; Guangdong Provinical Public Health Guangdong Provincial Center for Diseases Contorl and Prevention; Guangdong Provinical Public Health Guangdong Provincial Center for Diseases Control and Prevention; Guangdong Provincial Public Health Guangdong Provincial Center for Diseases Control and Prevention; Guangdong Provincial Public Health Guangdong Provincial Center for Diseases Control and Prevention; Guangdong Provincial Institute of Public Health 443, EPL_ISL_428444, EPL_ISL_428445, EPL_ISL_428446, EPL	Universidad del Rosario, Bogotá, Colombia Instituto Nacional de Salud, Bogotá, Colombia Icahn School of Medicine at Mount Sinai, New York, USA Guangdong Provincial Center for Disease Control and Prevention Guangdong Provincial Center for Diseases Control and Prevention Department of Microbiology, Guangdong Provincial Center for Diseases Control and Prevention Guangdong Provincial Center for Diseases Control and Prevention Guangdong Provincial Center for Diseases Control and Prevention Guangdong Provincial Center for Diseases Control and Prevention	Martha L. Ospina; Matthew M. Hernandez; Nathalia Ballesteros; Sergio Castañeda; Sergio Gomez; Viviana Simon Baisheng Li; Changwen Ke; Feng Ruan; Guanhao He; Haojie Zhong; Huihong Deng; Jianfeng He; Jianpeng Xiao; Jianxiang Geng; Jianxiong Hu; Jie Wu; Jing Lu; Lifeng Lin; Lijun Liang; Lirong Zou; Min Kang; Qi Zhu; Shujiang Mei; Songjian Xiao; Tao Liu; Tie Song; Weilin Zeng; Wenjun Ma; Xing Li; Xiujuan Tang; Xue Zhuang; Xuguang Chen; Ying Wang; Yingchao Song; Yingtao Zhang; Yuhuang Liao; Zhe Liu Baisheng Li; Changwen Ke; Feng Ruan; Guanhao He; Haojie Zhong; Huihong Deng; Jianfeng He; Jianpeng Xiao; Jianxiang Geng; Jianxiong Hu; Jie Wu; Jing Lu; Lifeng Lin; Lijun Liang; Lirong Zou; Min Kang; Qi Zhu; Shujiang Mei; Songjian Xiao; Tao Liu; Tie Song; Weilin Zeng; Wenjun Ma; Xing Li; Xiujuan Tang; Xue Zhuang; Xuguang Chen; Ying Wang; Yingchao Song; Yingtao Zhang; Yuhuang Liao; Zhe Liu Baisheng Li; Changwen Ke; Feng Ruan; Guanhao He; Haojie Zhong; Huihong Deng; Jianfeng He; Jianpeng Xiao; Jianxiang Geng; Jianxiong Hu; Jie Wu; Jing Lu; Lifeng Lin; Lijun Liang; Lirong Zou; Min Kang; Qi Zhu; Shujiang Mei; Songjian Xiao; Tao Liu; Tie Song; Weilin Zeng; Wenjun Ma; Xing Li; Xiujuan Tang; Xue Zhuang; Xuguang Chen; Ying Wang; Yingchao Song; Yingtao Zhang; Yuhuang Liao; Zhe Liu Baisheng Li; Changwen Ke; Feng Ruan; Guanhao He; Haojie Zhong; Huihong Deng; Jianfeng He; Jianpeng Xiao; Jianxiang Geng; Jianxiong Hu; Jie Wu; Jing Lu; Lifeng Lin; Lijun Liang; Lirong Zou; Min Kang; Qi Zhu; Shujiang Mei; Songjian Xiao; Tao Liu; Tie Song; Weilin Zeng; Wenjun Ma; Xing Li; Xiujuan Tang; Xue Zhuang; Xuguang Chen; Ying Wang; Yingchao Song; Yingtao Zhang; Yuhuang Liao; Zhe Liu Baisheng Li; Changwen Ke; Feng Ruan; Guanhao He; Haojie Zhong; Huihong Deng; Jianfeng He; Jianpeng Xiao; Jianxiang Geng; Jianxiong Hu; Jie Wu; Jing Lu; Lifeng Li; Lijun Liang; Lirong Zou; Min Kang; Qi Zhu; Shujiang Mei; Songjian Xiao; Tao Liu; Tie Song; Weilin Zeng; Wenjun Ma; Xing Li; Xiujuan Tang; Xue Zhuang; Xuguang Chen; Ying Wang; Yingchao Song; Yingtao Zhang; Y
EPI_ISL_406533 EPI_ISL_403932, EPI_ISL_403933, EPI_ISL_403934, EPI_ISL_403935, EPI_ISL_403936, EPI_ISL_403937 EPI_ISL_406534, EPI_ISL_406535, EPI_ISL_406536 EPI_ISL_406538 EPI_ISL_428441, EPI_ISL_428442, EPI_ISL_4284	Guangdong Provincial Center for Diseases Contorl and Prevention; Guangdong Provinical Public Health Guangdong Provincial Center for Diseases Contorl and Prevention; Guangdong Provinical Public Health Guangdong Provincial Center for Diseases Control and Prevention; Guangdong Provincial Public Health Guangdong Provincial Center for Diseases Control and Prevention; Guangdong Provincial Public Health Guangdong Provincial Center for Diseases Control and Prevention; Guangdong Provincial Institute of Public Health 443, EPL_ISL_428444, EPL_ISL_428445, EPL_ISL_428446, EPL	Universidad del Rosario, Bogotá, Colombia Instituto Nacional de Salud, Bogotá, Colombia Icahn School of Medicine at Mount Sinai, New York, USA Guangdong Provincial Center for Disease Control and Prevention Guangdong Provincial Center for Diseases Control and Prevention Department of Microbiology, Guangdong Provincial Center for Diseases Control and Prevention Guangdong Provincial Center for Diseases Control and Prevention Guangdong Provincial Center for Diseases Control and Prevention Guangdong Provincial Center for Diseases Control and Prevention	Martha L. Ospina; Matthew M. Hernandez; Nathalia Ballesteros; Sergio Castañeda; Sergio Gomez; Viviana Simon Baisheng Li; Changwen Ke; Feng Ruan; Guanhao He; Haojie Zhong; Huihong Deng; Jianfeng He; Jianpeng Xiao; Jianxiang Geng; Jianxiong Hu; Jie Wu; Jing Lu; Lifeng Lin; Lijun Liang; Lirong Zou; Min Kang; Qi Zhu; Shijiang Mei; Songjian Xiao; Tao Liu; Tie Song; Weilini Zeng; Wenjun Ma; Xing Li; Xiujuan Tang; Xue Zhuang; Xuguang Chen; Ying Wang; Yingchao Song; Yingtao Zhang; Yuhuang Liao; Zhe Liu Baisheng Li; Changwen Ke; Feng Ruan; Guanhao He; Haojie Zhong; Huihong Deng; Jianfeng He; Jianpeng Xiao; Jianxiang Geng; Jianxiong Hu; Jie Wu; Jing Lu; Lifeng Lin; Lijun Liang; Lirong Zou; Min Kang; Qi Zhu; Shujiang Mei; Songjian Xiao; Tao Liu; Tie Song; Weilin Zeng; Wenjun Ma; Xing Li; Xiujuan Tang; Xue Zhuang; Xuguang Chen; Ying Wang; Yingchao Song; Yingtao Zhang; Yuhuang Liao; Zhe Liu Baisheng Li; Changwen Ke; Feng Ruan; Guanhao He; Haojie Zhong; Huihong Deng; Jianfeng He; Jianpeng Xiao; Jianxiang Geng; Jianxiong Hu; Jie Wu; Jing Lu; Lifeng Lin; Lijun Liang; Lirong Zou; Min Kang; Qi Zhu; Shujiang Mei; Songjian Xiao; Tao Liu; Tie Song; Weilin Zeng; Wenjun Ma; Xing Li; Xiujuan Tang; Xue Zhuang; Xuguang Chen; Ying Wang; Yingchao Song; Yingtao Zhang; Yuhuang Liao; Zhe Liu Baisheng Li; Changwen Ke; Feng Ruan; Guanhao He; Haojie Zhong; Huihong Deng; Jianfeng He; Jianpeng Xiao; Jianxiang Geng; Jianxiong Hu; Jie Wu; Jing Lu; Lifeng Lin; Lijun Liang; Lirong Zou; Min Kang; Qi Zhu; Shujiang Mei; Songjian Xiao; Tao Liu; Tie Song; Weilin Zeng; Wenjun Ma; Xing Li; Xiujuan Tang; Xue Zhuang; Xuguang Chen; Ying Wang; Yingchao Song; Yingtao Zhang; Yuhuang Liao; Zhe Liu Baisheng Li; Changwen Ke; Feng Ruan; Guanhao He; Haojie Zhong; Huihong Deng; Jianfeng He; Jianpeng Xiao; Jianxiang Geng; Jianxiong Hu; Jie Wu; Jing Lu; Lifeng Lin; Lijun Liang; Lirong Zou; Min Kang; Qi Zhu; Shujiang Mei; Songjian Xiao; Tao Liu; Tie Song; Weilin Zeng; Jianxiong Hu; Jie Wu; Jing Lu; Lifeng Lin; Lijun Liang; Lirong Zou; Min Kang; Qi Zhu; Shujiang Mei;

EPI_ISL_413851, EPI_ISL_413852, EPI_ISL_413853, EPI_ISL_413854, EPI_ISL_413856, EPI_ISL_413856, EPI_ISL_413857, EPI_ISL_413867, EPI_ISL_413884

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			Xiong; Ru bai; Ruilin Sun; Runyu Yuan; Sarah François; Shisong Fang; Song Tie; Tao Liu; Verity Hill; Wei Li; Wenjun Ma; Wenzhe Su; Xi Tang
EPI_ISL_509695, EPI_ISL_509696, EPI_ISL_509697, E	EPI_ISL_509698, EPI_ISL_509699, EPI_ISL_509700, EP	PI_ISL_509701, EPI_ISL_509702, EPI_ISL_509703, EPI_ISL_509	710
see above	Guatemala Ministry of Public Health	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Anna Uehara; Clinton Paden; Haibin Wang; Jing Zhang; Krista Queen; Suxiang Tong; Yan Li; Ying Tao
EPI_ISL_418186	Gundersen Molecular Diagnostic Laboratory	Kabara Cancer Research Institute	Craig S. Richmond & Paraic A. Kenny
EPI_ISL_418184, EPI_ISL_418187, EPI_ISL_418188, E	EPI_ISL_419651, EPI_ISL_419652, EPI_ISL_422453, EP	PI_ISL_422465	
see above	Gundersen Molecular Diagnostics Laboratory	Kabara Cancer Research Institute	Craig S. Richmond; Craig S. Richmond & Paraic A. Kenny; Paraic A. Kenny
EPI_ISL_479850, EPI_ISL_479851, EPI_ISL_479853, E	EPI_ISL_479854, EPI_ISL_479896, EPI_ISL_479897, EP	PI_ISL_479898, EPI_ISL_479899, EPI_ISL_479900, EPI_ISL_479	901, EPI_ISL_480015, EPI_ISL_480016, EPI_ISL_480017, EPI_ISL_480018, EPI_ISL_480019, EPI_ISL_480020
see above	Gunma Prefectural Institute of Public Health and Environmental Sciences	Pathogen Genomics Center, National Institute of Infectious Diseases	Hajime Kamiya; Hiroyuki Tsukagoshi; Kentaro Itokawa; Makoto Kuroda; Masanori Hashino; Motoi Suzuki; Rina Tanaka; Tsuyoshi Sekizuka
EPI_ISL_421454, EPI_ISL_421458, EPI_ISL_421481, EPI_ISL_421487, EPI_ISL_421491	H Beatriz Angelo	Instituto Nacional de Saude (INSA)	Guiomar et al
EPI_ISL_418003, EPI_ISL_418007, EPI_ISL_418008, E	EPI_ISL_418019, EPI_ISL_418020, EPI_ISL_418021, EP	PI_ISL_418022	
see above	H Braga	Instituto Nacional de Saude (INSA)	Guiomar et al
EPI_ISL_421457	H Dr Nelio Mendonca - Funchal	Instituto Nacional de Saude (INSA)	Guiomar et al
EPI_ISL_418026, EPI_ISL_421449, EPI_ISL_421459, EPI_ISL_421460, EPI_ISL_421461	H Dr. Nelio Mendonca - Funchal	Instituto Nacional de Saude (INSA)	Guiomar et al
EPI_ISL_418023, EPI_ISL_421466, EPI_ISL_421467	H Evora	Instituto Nacional de Saude (INSA)	Guiomar et al
EPI_ISL_418018	H Garcia de Orta	Instituto Nacional de Saude (INSA)	Guiomar et al
EPI_ISL_421446, EPI_ISL_421447, EPI_ISL_421448	H Guimaraes	Instituto Nacional de Saude (INSA)	Guiomar et al
EPI_ISL_418025, EPI_ISL_421462, EPI_ISL_421468, E	EPI_ISL_421469, EPI_ISL_421470, EPI_ISL_421471, EP	PI_ISL_421488, EPI_ISL_421490, EPI_ISL_421492, EPI_ISL_4214	495
see above	H Santarem	Instituto Nacional de Saude (INSA)	Guiomar et al
EPI_ISL_455587	H.R.H. Maha Chakri Sirindhorn Medical Center	National Institute of Health. Department of medical Sciences, Ministry of Public Health, Thailand	Chittaganpitch; Malinee; Okada; Parnmen; Phuygun; Pilailuk; Siripaporn; Sittiporn; Sunthareeya; Thanadachakul; Thanutsapa; Waicharoen; Warawan; Wongboot
EPI_ISL_426420, EPI_ISL_426421	HI Dept. of Health, State Laboratories Division	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Alison S. Laufer Halpin; Anna Uehara; Christopher A. Elkins; Clinton R. Paden; Halbin Wang; Jing Zhang; Krista Queen; Mary S. Keckler; Rachel Marine Suxiang Tong; Yan Li; Ying Tao
EPI_ISL_445323	HOSP.ENFERMEDADES INFECCIOSAS	Instituto de Salud Publica de Chile	Alejandra Acevedo; Andrés E Castillo; Bárbara Parra; Carolina Tambley; Gabriel Leal; Jaime Lagos; Jorge Fernandez; Loredana Arata; Patricia Bustos; Paz Tapia; Rodrigo Fasce; Winston Andrade
EPI_ISL_445281	HOSPITAL CLINICO DEL SUR	Instituto de Salud Publica de Chile	Alejandra Acevedo; Andrés E Castillo; Bárbara Parra; Carolina Tambley; Gabriel Leal; Jaime Lagos; Jorge Fernandez; Loredana Arata; Patricia Bustos; Paz Tapia; Rodrigo Fasce; Winston Andrade
EPI_ISL_445275	HOSPITAL CLINICO FUSAT	Instituto de Salud Publica de Chile	Alejandra Acevedo; Andrés E Castillo; Bárbara Parra; Carolina Tambley; Gabriel Leal; Jaime Lagos; Jorge Fernandez; Loredana Arata; Patricia Bustos; Paz Tapia; Rodrigo Fasce; Winston Andrade
EPI_ISL_445335	HOSPITAL DE CALBUCO	Instituto de Salud Publica de Chile	Alejandra Acevedo; Andrés E Castillo; Bárbara Parra; Carolina Tambley; Gabriel Leal; Jaime Lagos; Jorge Fernandez; Loredana Arata; Patricia Bustos; Paz Tapia; Rodrigo Fasce; Winston Andrade
EPI_ISL_445251, EPI_ISL_445305	HOSPITAL DE CARABINEROS	Instituto de Salud Publica de Chile	Alejandra Acevedo; Andrés E Castillo; Bárbara Parra; Carolina Tambley; Gabriel Leal; Jaime Lagos; Jorge Fernandez; Loredana Arata; Patricia Bustos; Paz Tapia; Rodrigo Fasce; Winston Andrade
EPI_ISL_419238	HOSPITAL DE CRUCES.	Instituto de Salud Carlos III	A. Monzón; F. Casas; I. Aranzamendi, M.; I. Jiménez; Iglesias-Caballero; M. Camarero; M. Cuesta; M. González-Esguevillas; M. Molinero Calamita; M. Zaballos; P. Jiménez; S. Juliá; S. Pozo; S. Varona
EPI_ISL_445300	HOSPITAL DE RANCAGUA	Instituto de Salud Publica de Chile	Alejandra Acevedo; Andrés E Castillo; Bárbara Parra; Carolina Tambley; Gabriel Leal; Jaime Lagos; Jorge Fernandez; Loredana Arata; Patricia Bustos; Paz Tapia; Rodrigo Fasce; Winston Andrade
EPI_ISL_445360, EPI_ISL_445368	HOSPITAL DEL PROFESOR	Instituto de Salud Publica de Chile	Alejandra Acevedo; Andrés E Castillo; Bárbara Parra; Carolina Tambley; Gabriel Leal; Jaime Lagos; Jorge Fernandez; Loredana Arata; Patricia Bustos; Paz Tapia; Rodrigo Fasce; Winston Andrade
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see above	HOSPITAL DR.HERNAN HENRIQUEZ ARAVENA	Instituto de Salud Publica de Chile	Alejandra Acevedo; Andrés E Castillo; Bárbara Parra; Carolina Tambley; Gabriel Leal; Jaime Lagos; Jorge Fernandez; Loredana Arata; Patricia Bustos; Paz Tapia; Rodrigo Fasce; Winston Andrade
EPI_ISL_445310, EPI_ISL_445329, EPI_ISL_445365, EPI_ISL_445366, EPI_ISL_445371	HOSPITAL DR.SOTERO DEL RIO	Instituto de Salud Publica de Chile	Alejandra Acevedo; Andrés E Castillo; Bárbara Parra; Carolina Tambley; Gabriel Leal; Jaime Lagos; Jorge Fernandez; Loredana Arata; Patricia Bustos; Paz Tapia; Rodrigo Fasce; Winston Andrade
EPI_ISL_445313, EPI_ISL_445314, EPI_ISL_445364	HOSPITAL EL CARMEN DR.LUIS VALENTIN F.	Instituto de Salud Publica de Chile	Alejandra Acevedo; Andrés E Castillo; Bárbara Parra; Carolina Tambley; Gabriel Leal; Jaime Lagos; Jorge Fernandez; Loredana Arata; Patricia Bustos; Paz Tapia; Rodrigo Fasce; Winston Andrade
EPI_ISL_445372	HOSPITAL FF.AA. "CIRUJANO C. GUZMAN	Instituto de Salud Publica de Chile	Alejandra Acevedo; Andrés E Castillo; Bárbara Parra; Carolina Tambley; Gabriel Leal; Jaime Lagos; Jorge Fernandez; Loredana Arata; Patricia Bustos; Paz Tapia; Rodrigo Fasce; Winston Andrade
EPI_ISL_418247	HOSPITAL GENERAL DE SEGOVIA	Instituto de Salud Carlos III	A. Monzón; F. Casas; I. Hernando-Real S.; I. Jiménez; Iglesias-Caballero; M. Camarero; M. Cuesta; M. González-Esguevillas; M. Molinero Calamita; M. Zaballos; P. Jiménez; S. Juliá; S. Pozo; S. Varona
EPI_ISL_445286	HOSPITAL HANGA ROA	Instituto de Salud Publica de Chile	Alejandra Acevedo; Andrés E Castillo; Bárbara Parra; Carolina Tambley; Gabriel Leal; Jaime Lagos; Jorge Fernandez; Loredana Arata; Patricia Bustos; Paz Tapia; Rodrigo Fasce; Winston Andrade
EPI_ISL_445331, EPI_ISL_445332	HOSPITAL HERMINDA MARTIN CHILLAN	Instituto de Salud Publica de Chile	Alejandra Acevedo; Andrés E Castillo; Bárbara Parra; Carolina Tambley; Gabriel Leal; Jaime Lagos; Jorge Fernandez; Loredana Arata; Patricia Bustos; Paz Tapia; Rodrigo Fasce; Winston Andrade
EPI_ISL_445289	HOSPITAL NAVAL PUERTO WILLIAMS	Instituto de Salud Publica de Chile	Alejandra Acevedo; Andrés E Castillo; Bárbara Parra; Carolina Tambley; Gabriel Leal; Jaime Lagos; Jorge Fernandez; Loredana Arata; Patricia Bustos; Paz Tapia; Rodrigo Fasce; Winston Andrade
EPI_ISL_445327	HOSPITAL PADRE HURTADO	Instituto de Salud Publica de Chile	Alejandra Acevedo; Andrés E Castillo; Bárbara Parra; Carolina Tambley; Gabriel Leal; Jaime Lagos; Jorge Fernandez; Loredana Arata; Patricia Bustos; Paz Tapia; Rodrigo Fasce; Winston Andrade

EPI_ISL_445268, EPI_ISL_445269, EPI_ISL_44526	30, EPI_ISL_445284, EPI_ISL_445288, EPI_ISL_445293, EPI_	ISL_445294	
see above	HOSPITAL REG.LAUTARO NAVARRO AVARIA	Instituto de Salud Publica de Chile	Alejandra Acevedo; Andrés E Castillo; Bárbara Parra; Carolina Tambley; Gabriel Leal; Jaime Lagos; Jorge Fernandez; Loredana Arata; Patricia Bustos; Paz Tapia; Rodrigo Fasce; Winston Andrade
EPI_ISL_445307	HOSPITAL SAN JOSE DE MAIPO	Instituto de Salud Publica de Chile	Alejandra Acevedo; Andrés E Castillo; Bárbara Parra; Carolina Tambley; Gabriel Leal; Jaime Lagos; Jorge Fernandez; Loredana Arata; Patricia Bustos; Paz Tapia; Rodrigo Fasce; Winston Andrade
EPI_ISL_445304	HOSPITAL SAN JUAN DE DIOS	Instituto de Salud Publica de Chile	Alejandra Acevedo; Andrés E Castillo; Bárbara Parra; Carolina Tambley; Gabriel Leal; Jaime Lagos; Jorge Fernandez; Loredana Arata; Patricia Bustos; Paz Tapia; Rodrigo Fasce; Winston Andrade
EPI_ISL_417007	HOSPITAL SANTA MARIA NAI	Instituto de Salud Carlos III	A. Monzón; I. García Costa, J.; Iglesias-Caballero; M. Camarero S. Pozo F. Casas I. Jiménez; M. Cuesta; M. González-Esguevillas; M. Molinero Calamita; M. Zaballos; P. Jiménez; S. Juliá; S. Varona
EPI_ISL_418253, EPI_ISL_419240, EPI_ISL_419709	HOSPITAL TXAGORRITXU	Instituto de Salud Carlos III	A. Monzón; C; F. Casas; I. Gomez-Gonzalez C.; I. Gómez; I. Gómez, C.; I. Jiménez; Iglesias-Caballero; M. Camarero; M. Camarero S. Pozo F. Casas I. Jiménez; M. Cuesta; M. González-Esguevillas; M. Molinero Calamita; M. Zaballos; P. Jiménez; S. Juliá; S. Pozo; S. Varona
EPI_ISL_418251	HOSPITAL UNIVERSITARIO LA PAZ	Instituto de Salud Carlos III	A. Monzón; F. Casas; I. Jiménez; I. Romero P.; Iglesias-Caballero; M. Camarero; M. Cuesta; M. González-Esguevillas; M. Molinero Calamita; M. Zaballos; P. Jiménez; S. Juliá; S. Pozo; S. Varona
EPI_ISL_418243, EPI_ISL_418244	HOSPITAL UNIVERSITARIO VIRGEN DE LAS NIEVES	Instituto de Salud Carlos III	A. Monzón; F. Casas; I. Jiménez; I. Sanbonmatsu S.; Iglesias-Caballero; M. Camarero; M. Cuesta; M. González-Esguevillas; M. Molinero Calamita; M. Zaballos; P. Jiménez; S. Juliá; S. Pozo; S. Varona
EPI_ISL_430847	HS mikrobiologi virus	The Public Health Agency of Sweden	Anna Risberg; Anna-Malin Linde; Karin Tegmark-Wisell; Maria Lind Karlberg; Olov Svartstrom; Oskar Karlsson Lindsjo; Shaman Muradrasoli; Zhibing Yun
EPI_ISL_418009, EPI_ISL_421463, EPI_ISL_421489, EPI_ISL_421494	HSE Ilha Terceira - Angra do Heroismo	Instituto Nacional de Saude (INSA)	Guiomar et al
	38, EPI_ISL_454439, EPI_ISL_454440, EPI_ISL_454441, EPI_ 14, EPI_ISL_475116, EPI_ISL_475548, EPI_ISL_475553, EPI_		445, EPI_ISL_454446, EPI_ISL_455902, EPI_ISL_469073, EPI_ISL_469074, EPI_ISL_475093, EPI_ISL_475094, EPI_ISL_475096, EPI_ISL_475097,
see above	Halmstad klinisk mikrobiologi	The Public Health Agency of Sweden	Anna Risberg; Anna-Malin Linde; Karin Tegmark-Wisell; Maria Lind Karlberg; Mattias Haukland; Mia Brytting; Olov Svartstrom; Oskar Karlsson Lindsjo; Petra Edquist; Reza Advani; Sandra Broddesson; Shamam Muradrasoli; Shaman Muradrasoli
EPI_ISL_418510	Hangzhou Center for Disease Control and Prevention	Insepction Center of Hangzhou Center for Disease Control and Prevention	Li jun; Pan jingcao; Wang haoqiu; Yu hua; Yu xinfeng
EPI_ISL_418506	Hangzhou Center for Disease Control and Prevention	Inspection Center of Hanghzou Center for Disease Control and Prevention	Li jun; Pan jingcao; Wang haoqiu; Yu hua; Yu xinfeng
EPI_ISL_418441, EPI_ISL_418442, EPI_ISL_41850	02, EPI_ISL_418503, EPI_ISL_418504, EPI_ISL_418507, EPI_	ISL_418508, EPI_ISL_418509, EPI_ISL_418511, EPI_ISL_418	512, EPI_ISL_418513, EPI_ISL_418514, EPI_ISL_418515
see above	Hangzhou Center for Disease Control and Prevention	Inspection Center of Hangzhou Center for Disease Control and Prevention	Li jun; Pan jingcao; Wang haoqiu; Yu hua; Yu xinfeng
	24, EPI_ISL_421225, EPI_ISL_421226, EPI_ISL_421227, EPI_ 30, EPI_ISL_482581, EPI_ISL_482582, EPI_ISL_482583, EPI_		231, EPI_ISL_421232, EPI_ISL_421233, EPI_ISL_421234, EPI_ISL_421235, EPI_ISL_421236, EPI_ISL_482575, EPI_ISL_482576, EPI_ISL_482577,
see above	Hangzhou Center for Diseases Control and Prevention	Hangzhou Center for Diseases Control and Prevention	Haoqiu Wang; Hua Yu; Jun Li; Junfang Chen; Lingfeng Mao; Shuchang Chen; Xin Qian; Xinfen Yu; Xuchu Wang; Zhou Sun
EPI_ISL_883158, EPI_ISL_883159, EPI_ISL_883160, EPI_ISL_883161, EPI_ISL_883162, EPI_ISL_883163	Hannover Medical School, Institute of Virology	Hannover Medical School, Institute of Virology	Jasper Götting; Lars Steinbrück
EPI_ISL_413487	Harborview Medical Center	University of Washington Virology Lab	Alexander Greninger; Arun Nalla; Hong Xie; Keith Jerome; Pavitra Roychoudhury
	Harborview Medical Center Health Sciences Technology Park, Avicena, 8, 18016 Granada. Spain	University of Washington Virology Lab Sequencing and Bioinformatics Service FISABIO-Public Health	Alexander Greninger; Arun Nalla; Hong Xie; Keith Jerome; Pavitra Roychoudhury Almudena Rojas; Joaquín Mendoza; Pablo Mendoza
EPI_ISL_413487 EPI_ISL_429256	Health Sciences Technology Park, Avicena, 8, 18016	Sequencing and Bioinformatics Service FISABIO-Public Health	
EPI_ISL_413487 EPI_ISL_429256	Health Sciences Technology Park, Avicena, 8, 18016 Granada. Spain	Sequencing and Bioinformatics Service FISABIO-Public Health	
EPI_ISL_413487 EPI_ISL_429256 EPI_ISL_540993, EPI_ISL_540994, EPI_ISL_54099	Health Sciences Technology Park, Avicena, 8, 18016 Granada. Spain 95, EPI_ISL_540996, EPI_ISL_540997, EPI_ISL_540998, EPI_ Health and Environmental Research Institute of Gwangju	Sequencing and Bioinformatics Service FISABIO-Public Health ISL_540999, EPI_ISL_541000, EPI_ISL_541001 Health and Environmental Research Institute of Gwangju	Almudena Rojas; Joaquín Mendoza; Pablo Mendoza
EPLISL_413487 EPLISL_429256 EPI_ISL_540993, EPI_ISL_540994, EPI_ISL_54099 see above	Health Sciences Technology Park, Avicena, 8, 18016 Granada. Spain 95, EPI_ISL_540996, EPI_ISL_540997, EPI_ISL_540998, EPI_ Health and Environmental Research Institute of Gwangju Metropolitan city Hellenic Pasteur Institute, National Influenza Reference laboratory of Southern Greece & Unit of Bioinformatics and	Sequencing and Bioinformatics Service FISABIO-Public Health ISL_540999, EPI_ISL_541000, EPI_ISL_541001 Health and Environmental Research Institute of Gwangju Metropolitan city Hellenic Pasteur Institute, National Influenza Reference laboratory of Southern Greece & Unit of Bioinformatics and Applied Genomics	Almudena Rojas; Joaquín Mendoza; Pablo Mendoza Ji-eun Lee; Min Ji Kim Andreas Mentis; Androniki Voulgari-Kokota; Antonios Kalliaropoulos; Aspasia Kontou; Athanasios Kossyvakis; Evangelidou Maria; Horefti Elina; Timokratis
EPLISL_413487 EPLISL_429256 EPI_ISL_540993, EPI_ISL_540994, EPI_ISL_54099 see above EPI_ISL_451310, EPI_ISL_451311	Health Sciences Technology Park, Avicena, 8, 18016 Granada. Spain 95, EPI_ISL_540996, EPI_ISL_540997, EPI_ISL_540998, EPI_ Health and Environmental Research Institute of Gwangju Metropolitan city Hellenic Pasteur Institute, National Influenza Reference laboratory of Southern Greece & Unit of Bioinformatics and Applied Genomics	Sequencing and Bioinformatics Service FISABIO-Public Health ISL_540999, EPI_ISL_541000, EPI_ISL_541001 Health and Environmental Research Institute of Gwangju Metropolitan city Hellenic Pasteur Institute, National Influenza Reference laboratory of Southern Greece & Unit of Bioinformatics and Applied Genomics Hellenic Pasteur Institute, Public Health Laboratories, Unit of	Almudena Rojas; Joaquín Mendoza; Pablo Mendoza Ji-eun Lee; Min Ji Kim Andreas Mentis; Androniki Voulgari-Kokota; Antonios Kalliaropoulos; Aspasia Kontou; Athanasios Kossyvakis; Evangelidou Maria; Horefti Elina; Timokratis Karamitros; Vasiliki Pogka Andreas Mentis; Androniki Voulgari-Kokota; Antonios Kalliaropoulos; Aspasia Kontou; Athanasios Kossyvakis; Evangelidou Maria; Horefti Elina; Timokratis
EPI_ISL_413487 EPI_ISL_429256 EPI_ISL_540993, EPI_ISL_540994, EPI_ISL_54098 see above EPI_ISL_451310, EPI_ISL_451311 EPI_ISL_430469 EPI_ISL_450525, EPI_ISL_450526, EPI_ISL_450527, EPI_ISL_450528,	Health Sciences Technology Park, Avicena, 8, 18016 Granada. Spain 5, EPI_ISL_540996, EPI_ISL_540997, EPI_ISL_540998, EPI_ Health and Environmental Research Institute of Gwangju Metropolitan city Hellenic Pasteur Institute, National Influenza Reference laboratory of Southern Greece & Unit of Bioinformatics and Applied Genomics Hellenic Pasteur Institute, Public Health Laboratories Hematology Laboratory, Section of Molecular Diagnostics,	Sequencing and Bioinformatics Service FISABIO-Public Health ISL_540999, EPI_ISL_541000, EPI_ISL_541001 Health and Environmental Research Institute of Gwangju Metropolitan city Hellenic Pasteur Institute, National Influenza Reference laboratory of Southern Greece & Unit of Bioinformatics and Applied Genomics Hellenic Pasteur Institute, Public Health Laboratories, Unit of Bioinformatics and Applied Genomics Department of Virology, Faculty of Medicine, University of	Almudena Rojas; Joaquín Mendoza; Pablo Mendoza Ji-eun Lee; Min Ji Kim Andreas Mentis; Androniki Voulgari-Kokota; Antonios Kalliaropoulos; Aspasia Kontou; Athanasios Kossyvakis; Evangelidou Maria; Horefti Elina; Timokratis Karamitros; Vasiliki Pogka Andreas Mentis; Androniki Voulgari-Kokota; Antonios Kalliaropoulos; Aspasia Kontou; Athanasios Kossyvakis; Evangelidou Maria; Horefti Elina; Timokratis Karamitros; Vasiliki Pogka
EPI_ISL_413487 EPI_ISL_429256 EPI_ISL_540993, EPI_ISL_540994, EPI_ISL_540995 see above EPI_ISL_451310, EPI_ISL_451311 EPI_ISL_430469 EPI_ISL_450525, EPI_ISL_450526, EPI_ISL_450527, EPI_ISL_450528, EPI_ISL_450529 EPI_ISL_1303471	Health Sciences Technology Park, Avicena, 8, 18016 Granada. Spain 95, EPI_ISL_540996, EPI_ISL_540997, EPI_ISL_540998, EPI_ Health and Environmental Research Institute of Gwangju Metropolitan city Hellenic Pasteur Institute, National Influenza Reference laboratory of Southern Greece & Unit of Bioinformatics and Applied Genomics Hellenic Pasteur Institute, Public Health Laboratories Hematology Laboratory, Section of Molecular Diagnostics, University Clinical Centre, Medical University of Gdansk	Sequencing and Bioinformatics Service FISABIO-Public Health ISL_540999, EPI_ISL_541000, EPI_ISL_541001 Health and Environmental Research Institute of Gwangju Metropolitan city Hellenic Pasteur Institute, National Influenza Reference laboratory of Southern Greece & Unit of Bioinformatics and Applied Genomics Hellenic Pasteur Institute, Public Health Laboratories, Unit of Bioinformatics and Applied Genomics Department of Virology, Faculty of Medicine, University of Helsinki, Helsinki, Finland Los Angeles County PHL	Almudena Rojas; Joaquín Mendoza; Pablo Mendoza Ji-eun Lee; Min Ji Kim Andreas Mentis; Androniki Voulgari-Kokota; Antonios Kalliaropoulos; Aspasia Kontou; Athanasios Kossyvakis; Evangelidou Maria; Horefti Elina; Timokratis Karamitros; Vasiliki Pogka Andreas Mentis; Androniki Voulgari-Kokota; Antonios Kalliaropoulos; Aspasia Kontou; Athanasios Kossyvakis; Evangelidou Maria; Horefti Elina; Timokratis Karamitros; Vasiliki Pogka Aneta Szulc; Maciej Grzybek; Marlena Robakowska; Olli Vapalahti; Teemu Smura P. Hemarajata et al.
EPI_ISL_413487 EPI_ISL_429256 EPI_ISL_540993, EPI_ISL_540994, EPI_ISL_540995 see above EPI_ISL_451310, EPI_ISL_451311 EPI_ISL_430469 EPI_ISL_450525, EPI_ISL_450526, EPI_ISL_450527, EPI_ISL_450528, EPI_ISL_450529 EPI_ISL_1303471	Health Sciences Technology Park, Avicena, 8, 18016 Granada. Spain 95, EPI_ISL_540996, EPI_ISL_540997, EPI_ISL_540998, EPI_ Health and Environmental Research Institute of Gwangju Metropolitan city Hellenic Pasteur Institute, National Influenza Reference laboratory of Southern Greece & Unit of Bioinformatics and Applied Genomics Hellenic Pasteur Institute, Public Health Laboratories Hematology Laboratory, Section of Molecular Diagnostics, University Clinical Centre, Medical University of Gdansk Henry Mayo Newhall Hospital	Sequencing and Bioinformatics Service FISABIO-Public Health ISL_540999, EPI_ISL_541000, EPI_ISL_541001 Health and Environmental Research Institute of Gwangju Metropolitan city Hellenic Pasteur Institute, National Influenza Reference laboratory of Southern Greece & Unit of Bioinformatics and Applied Genomics Hellenic Pasteur Institute, Public Health Laboratories, Unit of Bioinformatics and Applied Genomics Department of Virology, Faculty of Medicine, University of Helsinki, Helsinki, Finland Los Angeles County PHL	Almudena Rojas; Joaquín Mendoza; Pablo Mendoza Ji-eun Lee; Min Ji Kim Andreas Mentis; Androniki Voulgari-Kokota; Antonios Kalliaropoulos; Aspasia Kontou; Athanasios Kossyvakis; Evangelidou Maria; Horefti Elina; Timokratis Karamitros; Vasiliki Pogka Andreas Mentis; Androniki Voulgari-Kokota; Antonios Kalliaropoulos; Aspasia Kontou; Athanasios Kossyvakis; Evangelidou Maria; Horefti Elina; Timokratis Karamitros; Vasiliki Pogka Aneta Szulc; Maciej Grzybek; Marlena Robakowska; Olli Vapalahti; Teemu Smura P. Hemarajata et al.
EPLISL_413487 EPLISL_429256 EPI_ISL_540993, EPI_ISL_540994, EPI_ISL_54098 see above EPI_ISL_451310, EPI_ISL_451311 EPI_ISL_430469 EPI_ISL_450525, EPI_ISL_450526, EPI_ISL_450527, EPI_ISL_450528, EPI_ISL_450529 EPI_ISL_1303471 EPI_ISL_479903, EPI_ISL_479904, EPI_ISL_479904	Health Sciences Technology Park, Avicena, 8, 18016 Granada. Spain 95, EPI_ISL_540996, EPI_ISL_540997, EPI_ISL_540998, EPI_ Health and Environmental Research Institute of Gwangju Metropolitan city Hellenic Pasteur Institute, National Influenza Reference laboratory of Southern Greece & Unit of Bioinformatics and Applied Genomics Hellenic Pasteur Institute, Public Health Laboratories Hematology Laboratory, Section of Molecular Diagnostics, University Clinical Centre, Medical University of Gdansk Henry Mayo Newhall Hospital 95, EPI_ISL_479906, EPI_ISL_479907, EPI_ISL_479908, EPI_	Sequencing and Bioinformatics Service FISABIO-Public Health ISL_540999, EPI_ISL_541000, EPI_ISL_541001 Health and Environmental Research Institute of Gwangju Metropolitan city Hellenic Pasteur Institute, National Influenza Reference laboratory of Southern Greece & Unit of Bioinformatics and Applied Genomics Hellenic Pasteur Institute, Public Health Laboratories, Unit of Bioinformatics and Applied Genomics Department of Virology, Faculty of Medicine, University of Helsinki, Helsinki, Finland Los Angeles County PHL ISL_479909, EPI_ISL_479910, EPI_ISL_479911, EPI_ISL_479 Pathogen Genomics Center, National Institute of Infectious	Almudena Rojas; Joaquín Mendoza; Pablo Mendoza Ji-eun Lee; Min Ji Kim Andreas Mentis; Androniki Voulgari-Kokota; Antonios Kalliaropoulos; Aspasia Kontou; Athanasios Kossyvakis; Evangelidou Maria; Horefti Elina; Timokratis Karamitros; Vasiliki Pogka Andreas Mentis; Androniki Voulgari-Kokota; Antonios Kalliaropoulos; Aspasia Kontou; Athanasios Kossyvakis; Evangelidou Maria; Horefti Elina; Timokratis Karamitros; Vasiliki Pogka Aneta Szulc; Maciej Grzybek; Marlena Robakowska; Olli Vapalahti; Teemu Smura P. Hemarajata et al.
EPLISL_413487 EPLISL_429256 EPI_ISL_540993, EPI_ISL_540994, EPI_ISL_540995 see above EPI_ISL_451310, EPI_ISL_451311 EPI_ISL_430469 EPI_ISL_450525, EPI_ISL_450526, EPI_ISL_450527, EPI_ISL_450528, EPI_ISL_450529 EPI_ISL_450529 EPI_ISL_1303471 EPI_ISL_479903, EPI_ISL_479904, EPI_ISL_479905 see above EPI_ISL_480178, EPI_ISL_480179	Health Sciences Technology Park, Avicena, 8, 18016 Granada. Spain 35, EPI_ISL_540996, EPI_ISL_540997, EPI_ISL_540998, EPI_ Health and Environmental Research Institute of Gwangju Metropolitan city Hellenic Pasteur Institute, National Influenza Reference laboratory of Southern Greece & Unit of Bioinformatics and Applied Genomics Hellenic Pasteur Institute, Public Health Laboratories Hematology Laboratory, Section of Molecular Diagnostics, University Clinical Centre, Medical University of Gdansk Henry Mayo Newhall Hospital D5, EPI_ISL_479906, EPI_ISL_479907, EPI_ISL_479908, EPI_ Himeji City Institute of Environment and Health	Sequencing and Bioinformatics Service FISABIO-Public Health ISL_540999, EPL_ISL_541000, EPL_ISL_541001 Health and Environmental Research Institute of Gwangju Metropolitan city Hellenic Pasteur Institute, National Influenza Reference laboratory of Southern Greece & Unit of Bioinformatics and Applied Genomics Hellenic Pasteur Institute, Public Health Laboratories, Unit of Bioinformatics and Applied Genomics Department of Virology, Faculty of Medicine, University of Helsinki, Helsinki, Finland Los Angeles County PHL ISL_479909, EPL_ISL_479910, EPL_ISL_479911, EPL_ISL_479 Pathogen Genomics Center, National Institute of Infectious Diseases Pathogen Genomics Center, National Institute of Infectious Diseases	Almudena Rojas; Joaquín Mendoza; Pablo Mendoza Ji-eun Lee; Min Ji Kim Andreas Mentis; Androniki Voulgari-Kokota; Antonios Kalliaropoulos; Aspasia Kontou; Athanasios Kossyvakis; Evangelidou Maria; Horefti Elina; Timokratis Karamitros; Vasiliki Pogka Andreas Mentis; Androniki Voulgari-Kokota; Antonios Kalliaropoulos; Aspasia Kontou; Athanasios Kossyvakis; Evangelidou Maria; Horefti Elina; Timokratis Karamitros; Vasiliki Pogka Aneta Szulc; Maciej Grzybek; Marlena Robakowska; Olli Vapalahti; Teemu Smura P. Hemarajata et al. 912 Hajime Kamiya; Kentaro Itokawa; Makoto Kuroda; Masanori Hashino; Motoi Suzuki; Rina Tanaka; Tsuyoshi Sekizuka
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	Hopital franco britannique - Service des Urgences	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Angela Brisebarre; Etienne Simon-Lorière; Flora Donati; Marion Barbet; Maud Vanpeene; Méline Bizard; Mélnie Albert; Sylvie Behillil; Sylvie van der Werf Vincent Enouf
EPI_ISL_515564	Hosp. Municipal Prof. Dr. Alípio Corrêa Netto	Instituto Adolfo Lutz, Interdiciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valessa Ramos Gomes
EPI_ISL_560620, EPI_ISL_560621, EPI_ISL_56	0622, EPI_ISL_560623, EPI_ISL_560624, EPI_ISL_560625, EPI_	_ISL_560626, EPI_ISL_560627	
see above	Hospital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Etienne Simon-Lorière; Fabiana Gambaro; Maud Vanpeene; Sylvie Behillil; Sylvie van der Werf; Vincent Enouf
EPI_ISL_434366, EPI_ISL_434368, EPI_ISL_43	4372, EPI_ISL_434373, EPI_ISL_434375, EPI_ISL_434376, EPI_	_ISL_450724, EPI_ISL_450725, EPI_ISL_450726, EPI_ISL_450	727, EPI_ISL_450728, EPI_ISL_450729, EPI_ISL_450730, EPI_ISL_450731
see above	Hospital AZ Rivierenland	Institute of Tropical Medicine	; Colin Anthony; Philippe Selhorst
EPI_ISL_471554	Hospital Bosque da Saúde	Instituto Adolfo Lutz, Interdiciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valessa Ramos Gomes
EPI_ISL_539559, EPI_ISL_539560	Hospital Campo Arañuelo	Instituto de Salud Carlos III	A. Monzón; F. Casas; G. Rodríguez; I; I. Jiménez; Iglesias-Caballero; J. López; M. Camarero; M. Cuesta; M. González-Esguevillas; M. Molinero Calamita; M. Zaballos; P. Jiménez; S. Juliá; S. Pozo; S. Varona
EPI_ISL_462479	Hospital Clinic	Instituto de Salud Carlos III	A. Monzón; F. Casas; I; I. Jiménez; Iglesias-Caballero; M. Camarero; M. Cuesta; M. González-Esguevillas; M. Molinero Calamita; M. Zaballos; M.A Marcos; P. Jiménez; S. Juliá; S. Pozo; S. Varona
EPI_ISL_491441, EPI_ISL_491442, EPI_ISL_491455	Hospital Clinica Biblica	Inciensa, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Adriana Godinez & Melany Calderon; Claudio Soto-Garita; Estela Cordero; Francisco Duarte; Hebleen Brenes
EPI_ISL_539549, EPI_ISL_539550, EPI_ISL_53	9551, EPI_ISL_539552, EPI_ISL_539553, EPI_ISL_539554, EPI_	_ISL_539555, EPI_ISL_539556, EPI_ISL_862627, EPI_ISL_862	628, EPI_ISL_862629, EPI_ISL_862630, EPI_ISL_862631, EPI_ISL_862632, EPI_ISL_862633, EPI_ISL_862634, EPI_ISL_862635, EPI_ISL_862636
see above	Hospital Clínic	Instituto de Salud Carlos III	A. Monzón; F. Casas; I; I. Jiménez; I. Marcos; Iglesias-Caballero; M. Pozo; M. Camarero; M. Cuesta; M. González-Esguevillas; M. Molinero Calamita; M. Zaballos; M.A Marcos; M.A.; M.Camarero; P. Jiménez; S. Juliá; S. Molinero Calamita; S. Pozo; S. Varona
EPI_ISL_539500, EPI_ISL_539501, EPI_ISL_53	9502, EPI_ISL_539509, EPI_ISL_539510, EPI_ISL_539511, EPI_	_ISL_539512, EPI_ISL_578190, EPI_ISL_578191	
see above	Hospital Clínico Universitario Lozano Blesa	Instituto de Salud Carlos III	A. Monzón; F. Casas; I; I. Jiménez; Iglesias-Caballero; M. Camarero; M. Cuesta; M. González-Esguevillas; M. Molinero Calamita; M. Zaballos; P. Jiménez; R. Benito; S. Juliá; S. Pozo; S. Varona
	0271, EPI_ISL_510272, EPI_ISL_510273, EPI_ISL_510274, EPI 0294, EPI_ISL_510296, EPI_ISL_510297, EPI_ISL_510298, EPI_		280, EPI_ISL_510281, EPI_ISL_510283, EPI_ISL_510284, EPI_ISL_510285, EPI_ISL_510286, EPI_ISL_510288, EPI_ISL_510290, EPI_ISL_510291, 303
see above	Hospital Clínico Universitario de Santiago de Compostela	SeqCOVID-SPAIN consortium/IBV(CSIC)	Amparo Coira Nieto; Antonio Aguilera Guirao; Gema Barbeito Castiñeiras; José Javier Costa Alcalde; Mª Luisa Pérez del Molino Bernal; Rocio Trastoy Pena and SeqCOVID-SPAIN consortium
EPI_ISL_455344, EPI_ISL_455345, EPI_ISL_455346, EPI_ISL_455347, EPI_ISL_455348, EPI_ISL_455349	Hospital Comarcal de Melilla	Instituto de Salud Carlos III	A. Monzón; F. Casas; I; I. Jiménez; I. Pérez; Iglesias-Caballero; M. Camarero; M. Cuesta; M. González-Esguevillas; M. Molinero Calamita; M. Zaballos; P. Jiménez; S. Juliá; S. Pozo; S. Varona
EPI_ISL_574592	Hospital Domingos Leonardo Ceravolo Presidente Prudente	Instituto Adolfo Lutz, Interdiciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valessa Ramos Gomes; Karoline Rodrigues Campos
EPI_ISL_491447	Hospital Fernando Escalante Pradilla	Inciensa, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Adriana Godinez & Melany Calderon; Claudio Soto-Garita; Estela Cordero; Francisco Duarte; Hebleen Brenes
EPI_ISL_912273	Hospital General Universitario Gregorio Marañón	SeqCOVID-SPAIN consortium / IBV (CSIC)	Darío García de Viedma; Julia Suárez; Laura Pérez-Lago; Marta Herranz; Patricia Muñoz and SegCOVID-SPAIN consortium; Pedro J Sola-Campoy; Pilar
_	·	codec (12 d. / iii (concondiii / i2 (conc)	Catalán; Sergio Buenestado-Serrano; Victor Manuel de la Cueva
EPI_ISL_481043, EPI_ISL_481044, EPI_ISL_48 EPI_ISL_481094, EPI_ISL_481096, EPI_ISL_48 EPI_ISL_510174, EPI_ISL_510176, EPI_ISL_51 EPI_ISL_510203, EPI_ISL_510204, EPI_ISL_51	1051, EPI_ISL_481052, EPI_ISL_481054, EPI_ISL_481055, EPI 1097, EPI_ISL_481103, EPI_ISL_510113, EPI_ISL_510117, EPI 0178, EPI_ISL_510180, EPI_ISL_510182, EPI_ISL_510183, EPI 0205, EPI_ISL_510207, EPI_ISL_510211, EPI_ISL_510212, EPI	_ISL_481056, EPI_ISL_481057, EPI_ISL_481058, EPI_ISL_481 _ISL_510122, EPI_ISL_510146, EPI_ISL_510149, EPI_ISL_510 _ISL_510185, EPI_ISL_510186, EPI_ISL_510190, EPI_ISL_510 _ISL_510213, EPI_ISL_510216, EPI_ISL_510217, EPI_ISL_510	
EPI_ISL_481043, EPI_ISL_481044, EPI_ISL_48 EPI_ISL_481094, EPI_ISL_481096, EPI_ISL_48 EPI_ISL_510174, EPI_ISL_510176, EPI_ISL_51 EPI_ISL_510203, EPI_ISL_510204, EPI_ISL_51	1051, EPI_ISL_481052, EPI_ISL_481054, EPI_ISL_481055, EPI 1097, EPI_ISL_481103, EPI_ISL_510113, EPI_ISL_510117, EPI 0178, EPI_ISL_510180, EPI_ISL_510182, EPI_ISL_510183, EPI 0205, EPI_ISL_510207, EPI_ISL_510211, EPI_ISL_510212, EPI	_ISL_481056, EPI_ISL_481057, EPI_ISL_481058, EPI_ISL_481 _ISL_510122, EPI_ISL_510146, EPI_ISL_510149, EPI_ISL_510 _ISL_510185, EPI_ISL_510186, EPI_ISL_510190, EPI_ISL_510 _ISL_510213, EPI_ISL_510216, EPI_ISL_510217, EPI_ISL_510	Catalán; Sergio Buenestado-Serrano; Victor Manuel de la Cueva 059, EPI_ISL_481060, EPI_ISL_481066, EPI_ISL_481075, EPI_ISL_481077, EPI_ISL_481083, EPI_ISL_481086, EPI_ISL_481087, EPI_ISL_481089, 165, EPI_ISL_510168, EPI_ISL_510168, EPI_ISL_510169, EPI_ISL_510170, EPI_ISL_510171, EPI_ISL_510173, 191, EPI_ISL_510192, EPI_ISL_510193, EPI_ISL_510194, EPI_ISL_510192, EPI_ISL_510195, EPI_ISL_510199, EPI_ISL_510201, EPI_ISL_510202, 218, EPI_ISL_510220, EPI_ISL_510223, EPI_ISL_510224, EPI_ISL_510225, EPI_ISL_510226, EPI_ISL_510227, 082, EPI_ISL_564083, EPI_ISL_654084, EPI_ISL_654187, EPI_ISL_654188
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		Strategic Laboratory	
EPI_ISL_468308, EPI_ISL_515520, EPI_ISL_515526, EPI_ISL_515546, EPI_ISL_515551	Hospital Municipal do Tatuape Carmino Caricchio	Instituto Adolfo Lutz, Interdiciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valessa Ramos Gomes
EPI_ISL_491451	Hospital México	Inciensa, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Adriana Godinez & Melany Calderon; Claudio Soto-Garita; Estela Cordero; Francisco Duarte; Hebleen Brenes
EPI_ISL_539496	Hospital Nostra Senyora de Meritxell	Instituto de Salud Carlos III	A. Monzón; F. Casas; F. Fernández; I; I. Jiménez; Iglesias-Caballero; M. Camarero; M. Cuesta; M. González-Esguevillas; M. Molinero Calamita; M. Zaballos; P. Jiménez; S. Juliá; S. Pozo; S. Varona
EPI_ISL_539525, EPI_ISL_862637	Hospital Nuestra Señora de Sonsoles	Instituto de Salud Carlos III	A. Monzón; A. San Pedro; F. Casas; I; I. Jiménez; Iglesias-Caballero; M. Camarero; M. Cuesta; M. González-Esguevillas; M. Molinero Calamita; M. Zaballos; P. Jiménez; S. Juliá; S. Pozo; S. Varona
EPI_ISL_419386, EPI_ISL_419387	Hospital Prof. Doutor Fernando Fonseca, EPE	Instituto Gulbenkian de Ciência	Cathy Paulino; Joao Sobral; João Costa; Ricardo Leite; Susana Ladeiro
EPI_ISL_523956	Hospital Regional de Assis	Instituto Adolfo Lutz, Interdiciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valessa Ramos Gomes
EPI_ISL_524463	Hospital Regional de Cotia	Instituto Adolfo Lutz, Interdiciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valessa Ramos Gomes
EPI_ISL_491456	Hospital San Juan de Dios	Inciensa, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Adriana Godinez & Melany Calderon; Claudio Soto-Garita; Estela Cordero; Francisco Duarte; Hebleen Brenes
EPI_ISL_419234, EPI_ISL_455336, EPI_ISL_4553	37, EPI_ISL_455338, EPI_ISL_455339, EPI_ISL_455340, EPI_	.ISL_455341, EPI_ISL_455342, EPI_ISL_455343, EPI_ISL_5781	96, EPI_ISL_578197, EPI_ISL_578198, EPI_ISL_578199, EPI_ISL_578200, EPI_ISL_578201
see above	Hospital San Pedro	Instituto de Salud Carlos III	A. Monzón; Alonso, C.; C. Alonso; Camarero, S.; Casas, I.; Cuesta, I.; F. Casas; González-Esguevillas, M.; I; I. Jiménez; Iglesias-Caballero; Iglesias-Caballero, M.; J.M Azcona; Jiménez, P.; Juliá, M.; M. Blasco; M. Camarero; M. Cuesta; M. González-Esguevillas; M. Molinero Calamita, M. Zaballos, Molinero Calamita, M. Zaballos, A. M.; Monzón, S.; P. Jiménez; Pozo, F.; S. Juliá; S. Pozo; S. Varona; Varona, S.; Zaballos, A.
EPI_ISL_539558, EPI_ISL_539561, EPI_ISL_539562, EPI_ISL_862654	Hospital San Pedro de Alcántara	Instituto de Salud Carlos III	A. Monzón; E. Cerro; F. Casas; I; I. Jiménez; I. Rodríguez, G.; Iglesias-Caballero; J. López; M. Pozo; M. Camarero; M. Cuesta; M. González-Esguevillas; M. Molinero Calamita; M. Zaballos; M.A Cañizares; M.Camarero; P. Jiménez; S. Juliá; S. Molinero Calamita; S. Pozo; S. Varona
EPI_ISL_510312, EPI_ISL_510313, EPI_ISL_5103 EPI_ISL_510330, EPI_ISL_510331	14, EPI_ISL_510315, EPI_ISL_510316, EPI_ISL_510317, EPI_	ISL_510318, EPI_ISL_510319, EPI_ISL_510320, EPI_ISL_5103	321, EPI_ISL_510322, EPI_ISL_510323, EPI_ISL_510324, EPI_ISL_510325, EPI_ISL_510326, EPI_ISL_510327, EPI_ISL_510328, EPI_ISL_510329,
see above	Hospital San Pedro de Alcántara (Cáceres)	SeqCOVID-SPAIN consortium/IBV(CSIC)	Cristina Muñoz Cuevas; Guadalupe Rodriguez Rodriguez and SeqCOVID-SPAIN consortium
EPI_ISL_491438, EPI_ISL_491440, EPI_ISL_491448	Hospital San Rafael de Alajuela	Inciensa, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Adriana Godinez & Melany Calderon; Claudio Soto-Garita; Estela Cordero; Francisco Duarte; Hebleen Brenes
EPI_ISL_515527	Hospital Santa Clara	Instituto Adolfo Lutz, Interdiciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valessa Ramos Gomes
EPI_ISL_468310	Hospital Sao Paulo de Ensino da UNIFESP	Instituto Adolfo Lutz, Interdiciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valessa Ramos Gomes
EPI_ISL_471545, EPI_ISL_515528, EPI_ISL_515545, EPI_ISL_523969	Hospital Sao Paulo de Ensino da Unifesp	Instituto Adolfo Lutz, Interdiciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valessa Ramos Gomes
EPI_ISL_524484	Hospital Schwyz	Institute of Medical Virology, University of Zurich	Alexandra Trkola; Andrea Zbinden; Fiona Steiner; Gabriela Ziltener; Jon Huder; Jürg Böni; Maryam Zaheri; Michael Huber; Patrick Redli; Riccarda Capaul; Stefan Schmutz; Verena Kufner
EPI_ISL_414015, EPI_ISL_414016	Hospital São Joaquim Beneficencia Portuguesa	Instituto Adolfo Lutz, Interdiciplinary Procedures Center, Strategic Laboratory	Audrey Cilli; Carlos Henrique Camargo; Claudia Regina Gonçalves; Claudio Tavares Sacchi; Daniela Bernardes Borges da Silva; Ester Cerdeira Sabino; Fabiana Cristina Pereira dos Santos Terezinha Maria de Paliva; Maria do Carmo Sampaito Tavares Timenetsky; SimoneGuadagnucci Morillo; Terezinha Maria de Paliva
EPI_ISL_455350, EPI_ISL_455351	Hospital Txagorritxu	Instituto de Salud Carlos III	A. Monzón; C. Gómez; F. Casas; I; I. Jiménez; Iglesias-Caballero; M. Camarero; M. Cuesta; M. González-Esguevillas; M. Molinero Calamita; M. Zaballos; P. Jiménez; S. Juliá; S. Pozo; S. Varona
EPI_ISL_483059	Hospital Universitari Germans Trias i Pujol	IrsiCaixa AIDS Research Lab	A. Valencia; B. Clotet; C. Avila-Nieto; E. Vidal; G. Cantero; I. Blanco; J. Blanco; J. Carrillo; J. Rodon; J. Segalés; J. Vergara-Alert; M. Noguera-Julián; M. Parera; M. Puig; M.T. Terrón; N. Izquierdo-Useros; S. Cruz; V. Guallar
EPI_ISL_471472, EPI_ISL_510689	Hospital Universitari Germans Trias i Pujol(HUGTiP)/Fundació Lluita contra la SIDA (FLSida)/IRTA-CReSA	IrsiCaixa AIDS Research Lab	Albert Bensaid; Bonaventura Clotet; Joaquim Segalés; Jordi Rodón; Jorge Carrillo; Julia Blanco; Julia Vergara; Lidia Ruiz; Marc Noguera-Julian; Nuria Izquierdo; Pilar Armengol; Roger Paredes
			84, EPL ISL_444985, EPL ISL_444986, EPL ISL_444987, EPL ISL_444988, EPL ISL_444989, EPL ISL_444990, EPL ISL_447532, EPL ISL_447533, 306, EPL ISL_819307, EPL ISL_819308, EPL ISL_819309, EPL ISL_819310, EPL ISL_819311, EPL ISL_819312, EPL ISL_819313, EPL ISL_819314,
see above	Hospital Universitari Vall d'Hebron - Vall d'Hebron Institut de Recerca	Hospital Universitari Vall d'Hebron - Vall d'Hebron Institut de Recerca	Andrés Antón; Ariadna Rando; Carla Castillo; Cristina Andrés; Damir Garcia-Cehic; Dàmir Garcia-Cehic; Josep F Abril; Josep Gregori; Josep Quer; Juliana Esperalba; Maria Carmen Martin; Maria Carmen Martín; Maria Gema Codina; Maria Piñana; Mercedes Guerrero-Murillo; Tomàs Pumarola
)21, EPLISL_538022, EPLISL_538023, EPLISL_538024, EPLISL_538025, EPLISL_538026, EPLISL_538027, EPLISL_538028, EPLISL_538030, 143, EPLISL_538044, EPLISL_538045, EPLISL_538046, EPLISL_538050, EPLISL_538051, EPLISL_5380
see above	Hospital Universitari i Politècnic La Fe de València	SeqCOVID-SPAIN consortium/IBV(CSIC)	Ana Gil Brusola; Eva González Barbera; José Luis López Hontangas and SeqCOVID-SPAIN consortium; María Dolores Gómez Ruiz; Salvador Giner Almaraz
	94, EPI_ISL_428695, EPI_ISL_428696, EPI_ISL_428697, EPI_		180, EPI_ISL_428683, EPI_ISL_428684, EPI_ISL_428686, EPI_ISL_428687, EPI_ISL_428688, EPI_ISL_428689, EPI_ISL_428690, EPI_ISL_428691, PI_ISL_428703, EPI_ISL_428704, EPI_ISL_428705, EPI_ISL_428706, EPI_ISL_428707, EPI_ISL_428708, EPI_ISL_428709, EPI_ISL_428710, PI_ISL_428708, EPI_ISL_428709, EPI_ISL_428710, PI_ISL_428709, EPI_ISL_428709, EPI_ISL_428710, PI_ISL_428709, EPI_ISL_428709, EPI_ISL_428710, PI_ISL_428709, EPI_ISL_428710, PI_ISL_428710, PI
see above	Hospital Universitario 12 de Octubre	Hospital Universitario 12 de Octubre	Elias Dahdouh; Esther Viedma; Fernando Lázaro; Jesús Mingorance; Juan Carlos Galán; Julio García; Mª Dolores Folgueira; Natalia Stella; Rafael Cantón; Rafael Delgado; Raúl Recio; Sara González
EPI_ISL_417954, EPI_ISL_417961, EPI_ISL_417963, EPI_ISL_417967	Hospital Universitario 12 de Octubre	Hospital Universitario La Paz	Elias Dahdouh; Esther Viedma; Fernando Lázaro; Jesús Mingorance; Juan Carlos Galán; Julio García; Mª Dolores Folgueira; Natalia Stella; Rafael Cantón; Rafael Delgado; Sara González
EPI_ISL_467111, EPI_ISL_467113, EPI_ISL_4671 EPI_ISL_467131, EPI_ISL_467132, EPI_ISL_4671 EPI_ISL_467151, EPI_ISL_467152, EPI_ISL_4671	14, EPI_ISL_467115, EPI_ISL_467116, EPI_ISL_467117, EPI_ 34, EPI_ISL_467136, EPI_ISL_467137, EPI_ISL_467138, EPI_ 53, EPI_ISL_467154, EPI_ISL_467155, EPI_ISL_467156, EPI_	ISL_467118, EPI_ISL_467120, EPI_ISL_467121, EPI_ISL_4671 ISL_467139, EPI_ISL_467140, EPI_ISL_467141, EPI_ISL_4671 ISL_467157, EPI_ISL_467158, EPI_ISL_467159, EPI_ISL_4671	101, EPLJSL_467103, EPLJSL_467104, EPLJSL_467105, EPLJSL_467106, EPLJSL_467107, EPLJSL_467108, EPLJSL_467109, EPLJSL_467110, 122, EPLJSL_467123, EPLJSL_467123, EPLJSL_467124, EPLJSL_467125, EPLJSL_467126, EPLJSL_467127, EPLJSL_467128, EPLJSL_467129, EPLJSL_467130, 142, EPLJSL_467143, EPLJSL_467144, EPLJSL_467145, EPLJSL_467146, EPLJSL_467147, EPLJSL_467148, EPLJSL_467149, EPLJSL_467150, 160, EPLJSL_467161, EPLJSL_467162, EPLJSL_467163, EPLJSL_467164, EPLJSL_467163, EPLJSL_467165, EPLJSL_467165, EPLJSL_467165, EPLJSL_467163, E

EPI_ISL_452692, EPI_ISL_452693, EPI_ISL_452694, EPI_ISL_452694, EPI_ISL_452695, EPI_ISL_452696, EPI_ISL_452704, EPI_ISL_452704, EPI_ISL_452704, EPI_ISL_452705, EPI_ISL_452705, EPI_ISL_452705, EPI_ISL_452705, EPI_ISL_452716, EPI_ISL_452716, EPI_ISL_452717, EPI_ISL_452717, EPI_ISL_452718, EPI_ISL_452726, EPI_ISL_452727, EPI_ISL_452737, EPI_ISL_452737 EPI_ISL_452732, EPI_ISL_452732, EPI_ISL_452733, EPI_ISL_452735, EPI_ISL_452735, EPI_ISL_452746, EPI_ISL_452746

SeqCOVID-SPAIN consortium/IBV(CSIC)

Hospital Universitario Araba. Vitoria-Gasteiz

Amaia Aguirre Quiñonero; Andrés Canut Blasco and SeqCOVID-SPAIN consortium; Andrés Canut Blasco. and SeqCOVID-SPAIN consortium; Carmen

Gómez González; Marina Fernández Torres; Ma Concepción Lecaroz Agara; Ma Rosario Almela Ferrer; Silvia Hernáez Crespo

EPI_ISL_452751, EPI_ISL_452753, EPI_ISL_452754, EPI_ISL_452755, EPI_ISL_452759, EPI_ISL_452769, EPI_ISL_452761, EPI_ISL_452762, EPI_ISL_452763, EPI_ISL_452763, EPI_ISL_452765, EPI_ISL_452767, EPI_ISL_452768, EPI_ISL_452769, EPI_ISL_452770, EPI_ISL_452770, EPI_ISL_452771, EPI_ISL_452771, EPI_ISL_452761, EPI_ISL_452769, EPI_ISL_452769, EPI_ISL_452769, EPI_ISL_452770, EPI_ISL_452770, EPI_ISL_452771, EPI_ISL_452771, EPI_ISL_452769, EPI_ISL_452769, EPI_ISL_452769, EPI_ISL_452770, EPI_ISL_452770, EPI_ISL_452771, EPI_ISL_452771	.PI_ISL_452772, EPI_ISL_452773, EPI_ISL_452774,
EPLISE 452775 EPLISE 452777 EPLISE 452780 EPLISE 452782 EPLISE 452783 EPLISE 452784 EPLISE 452785 EPLISE 452786	

	52754, EPI_ISL_452755, EPI_ISL_452759, EPI_ISL_452761, EPI_ 52780, EPI_ISL_452782, EPI_ISL_452783, EPI_ISL_452784, EPI_		2/106, EPI_ISL_452/107, EMI_ISL_452/108, EMI_ISL_452/109, EMI_ISL_452/17, EMI_ISL_452/17, EMI_ISL_452/172, EMI_ISL_452/173, EMI_ISL_452/174,
see above	Hospital Universitario Araba. Vitoria-Gasteiz,	SeqCOVID-SPAIN consortium/IBV(CSIC)	Amaia Aguirre Quiñonero; Andrés Canut Blasco and SeqCOVID-SPAIN consortium; Carmen Gómez González; Maria Concepción Lecaroz Agara; Maria Rosario Almela Ferrer; Marina Fernández Torres; Silvia Hernáez Crespo
EPI_ISL_455326	Hospital Universitario Insular de Gran Canaria	Instituto de Salud Carlos III	A. Hernández; A. Monzón; F. Casas; I; I. Jiménez; Iglesias-Caballero; M. Camarero; M. Cuesta; M. González-Esguevillas; M. Molinero Calamita; M. Zaballos; P. Jiménez; S. Juliá; S. Pozo; S. Varona
EPI_ISL_428674, EPI_ISL_428675, EPI_ISL_42	28676, EPI_ISL_428677, EPI_ISL_428678, EPI_ISL_428679, EPI_	_ISL_428680, EPI_ISL_428681, EPI_ISL_428682, EPI_ISL_43	0719, EPI_ISL_430720, EPI_ISL_430721, EPI_ISL_435144
see above	Hospital Universitario La Paz	Hospital Universitario 12 de Octubre	Elias Dahdouh; Esther Viedma; Fernando Lázaro; Jesús Mingorance; Juan Carlos Galán; Julio García; Mª Dolores Folgueira; Natalia Stella; Rafael Cantón; Rafael Delgado; Raúl Recio; Sara González
EPI_ISL_417969, EPI_ISL_417972, EPI_ISL_417975, EPI_ISL_417978, EPI_ISL_530041, EPI_ISL_530042	Hospital Universitario La Paz	Hospital Universitario La Paz	Elias Dahdouh; Esther Viedma; Fernando Lázaro; Jesús Mingorance; Juan Carlos Galán; Julio García; María Rodríguez; Mª Dolores Folgueira; Natalia Stella; Rafael Cantón; Rafael Delgado; Raúl Recio; Sara González
EPI_ISL_831039	Hospital Universitario La Paz (Madrid)	SeqCOVID-SPAIN consortium/IBV(CSIC)	Elias Dahdouh; Fernando Lázaro-Perona; Jesús Mingorance and SeqCOVID-SPAIN consortium; María Rodríguez-Tejedor
EPI_ISL_871976, EPI_ISL_871977	Hospital Universitario Lozano Bielsa	Instituto de Salud Carlos III	A. Monzón; F. Casas; I. Benito, R.; I. Jiménez; Iglesias-Caballero; M. Camarero; M. Cuesta; M. González-Esguevillas; M. Pozo; M. Zaballos; P. Jiménez; S. Juliá; S. Molinero Calamita; S. Varona
EPI_ISL_537809, EPI_ISL_537810	Hospital Universitario Marqués de Valdecilla (Santander), Servicio de Microbiología	SeqCOVID-SPAIN consortium/IBV(CSIC)	Daniel Pablo Marcos; Jesús Rodríguez Lozano; Jose Manuel Méndez Legaza; María Eliecer Cano García; María Siller Ruiz and SeqCOVID-SPAIN consortium; Mónica Gozalo Margüello
EPI_ISL_539503, EPI_ISL_539504, EPI_ISL_53 EPI_ISL_871981, EPI_ISL_871982, EPI_ISL_87		ISL_539513, EPI_ISL_539514, EPI_ISL_539515, EPI_ISL_53	9516, EPI_ISL_539517, EPI_ISL_539518, EPI_ISL_539519, EPI_ISL_578189, EPI_ISL_578192, EPI_ISL_578193, EPI_ISL_871978, EPI_ISL_871980,
see above	Hospital Universitario Miguel Servet	Instituto de Salud Carlos III	A. Monzón; A. Rezusta; F. Casas; I; I. Jiménez; I. Rezusta, A.; Iglesias-Caballero; M. Camarero; M. Cuesta; M. González-Esguevillas; M. Molinero Calamita; M. Pozo; M. Zaballos; P. Jiménez; R. Benito; S. Juliá; S. Molinero Calamita; S. Pozo; S. Varona
			i2466, EPI_ISL_452467, EPI_ISL_452468, EPI_ISL_452469, EPI_ISL_452470, EPI_ISL_452471, EPI_ISL_467064, EPI_ISL_467066, EPI_ISL_467068, i7078, EPI_ISL_467079, EPI_ISL_467080, EPI_ISL_467081, EPI_ISL_467082, EPI_ISL_467083, EPI_ISL_467084, EPI_ISL_467085
see above	Hospital Universitario Puerta del Mar de Cádiz - INIBICA	SeqCOVID-SPAIN consortium/IBV(CSIC)	Fátima-Galán-Sánchez; Manuel Rodríguez-Iglesias and SeqCOVID-SPAIN consortium; Manuel Rodrí-guez-Iglesias and SeqCOVID-SPAIN consortium; Salud Rodríguez-Pallares
EPI_ISL_530094, EPI_ISL_530095, EPI_ISL_530096, EPI_ISL_530097, EPI_ISL_530098, EPI_ISL_530099	Hospital Universitario Ramón y Cajal	Hospital Universitario 12 de Octubre	Elias Dahdouh; Esther Viedma; Fernando Lázaro; Jesús Mingorance; Juan Carlos Galán; Julio García; Mª Dolores Folgueira; Natalia Stella; Rafael Cantón; Rafael Delgado; Raúl Recio; Sara González
EPI_ISL_417979, EPI_ISL_417980, EPI_ISL_41	7981, EPI_ISL_530109, EPI_ISL_530110, EPI_ISL_530112, EPI_	_ISL_530113	
see above	Hospital Universitario Ramón y Cajal	Hospital Universitario La Paz	Elias Dahdouh; Esther Viedma; Fernando Lázaro; Jesús Mingorance; Juan Carlos Galán; Julio García; Mª Dolores Folgueira; Natalia Stella; Rafael Cantón; Rafael Delgado; Raúl Recio; Sara González
EPI_ISL_871973	Hospital Universitario Severo Ochoa	Instituto de Salud Carlos III	A. Monzón; F. Casas; I. García; I. Jiménez; Iglesias-Caballero; M. Camarero; M. Cuesta; M. González-Esguevillas; M. Pozo; M. Zaballos; M.L.; P. Jiménez; S. Juliá; S. Molinero Calamita; S. Varona
EPI_ISL_419230	Hospital Universitario Virgen de las Nieves	Instituto de Salud Carlos III	Camarero, S.; Casas, I.; Cuesta, I.; González-Esguevillas, M.; Iglesias-Caballero, M.; Jiménez, M.; Jiménez, P.; Juliá, M.; Molinero Calamita, M.; Monzón, S.; Pozo, F.; Sanbonmatsu, S.; Varona, S.; Zaballos, A.
EPI_ISL_474864, EPI_ISL_474867, EPI_ISL_47	4868, EPI_ISL_474869, EPI_ISL_474870, EPI_ISL_474871, EPI_	ISL_474872, EPI_ISL_474873, EPI_ISL_474874, EPI_ISL_47	4851, EPLISL_474852, EPLISL_474854, EPLISL_474855, EPLISL_474856, EPLISL_474857, EPLISL_474859, EPLISL_474860, EPLISL_474862, 4875, EPLISL_474876, EPLISL_474879, EPLISL_474880, EPLISL_474881, EPLISL_474885, EPLISL_474883, EPLISL_474886, EPLISL_474897, 4930, EPLISL_474934, EPLISL_474936, EPLISL_474939, EPLISL_474943, EPLISL_474948, EPLISL_510424, EPLISL_510444
see above	Hospital Universitario Virgen de las Nieves de Granada-SAS	SeqCOVID-SPAIN consortium/IBV(CSIC)	Irene Pedrosa Corral; José M. Navarro-Marí and SeqCOVID-SPAIN consortium; Mercedes Pérez Ruiz; Sara Sanbonmatsu Gámez
EPI_ISL_471539	Hospital Universitario da USP Sao Paulo	Instituto Adolfo Lutz, Interdiciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valessa Ramos Gomes
EPI_ISL_419233, EPI_ISL_455325, EPI_ISL_539532	Hospital Universitario de Canarias	Instituto de Salud Carlos III	A. Monzón; B. Castro; Camarero, S.; Casas, I.; Castro, B.; Cuesta, I.; F. Casas; González-Esguevillas, M.; I; I. Jiménez; Iglesias-Caballero, Iglesias-Caballero, M.; Jiménez, M.; Jiménez, P.; Juliá, M.; M. Camarero; M. Cuesta; M. González-Esguevillas; M. Molinero Calamita; M. Zaballos; Molinero Calamita, M.; Monzón, S.; P. Jiménez; Pozo, F.; S. Juliá; S. Pozo; S. Varona; Varona, S.; Zaballos, A.
EPI_ISL_539520, EPI_ISL_539521, EPI_ISL_53	89522, EPI_ISL_862655, EPI_ISL_862656, EPI_ISL_862657, EPI_	_ISL_862658	
see above	Hospital Universitario de Ceuta	Instituto de Salud Carlos III	A. Monzón; F. Casas; G. Sánchez; I; I. Hijano, S.; I. Jiménez; Iglesias-Caballero; J. López; M. Camarero; M. Cuesta; M. González-Esguevillas; M. Molinero Calamita; M. Pozo; M. Zaballos; P. Jiménez; S. Juliá; S. Molinero Calamita; S. Pozo; S. Varona
	67088, EPI_ISL_467089, EPI_ISL_467090, EPI_ISL_467091, EPI 17709, EPI_ISL_537713, EPI_ISL_537715, EPI_ISL_537716, EPI_		4913, EPI_ISL_474914, EPI_ISL_474915, EPI_ISL_474916, EPI_ISL_474917, EPI_ISL_537693, EPI_ISL_537697, EPI_ISL_537700, EPI_ISL_537703,
see above	Hospital Universitario de Gran Canaria Dr. Negrín	SeqCOVID-SPAIN consortium/IBV(CSIC)	Ana Bordes Benítez and SeqCOVID-SPAIN consortium; Francisco J. Chamizo López; M. Carmen Pérez González
EPI_ISL_455315, EPI_ISL_455316, EPI_ISL_45	55317, EPI_ISL_455318, EPI_ISL_455319, EPI_ISL_455320, EPI_	_ISL_455321, EPI_ISL_455322, EPI_ISL_455324, EPI_ISL_53	9497
see above	Hospital Virgen de las Nieves	Instituto de Salud Carlos III	A. Monzón; F. Casas; I; I. Jiménez; Iglesias-Caballero; J. Lepe; M. Camarero; M. Cuesta; M. González-Esguevillas; M. Molinero Calamita; M. Zaballos; P. Jiménez; S. Juliá; S. Pozo; S. Sanbonmatsu; S. Varona
EPI_ISL_455314	Hospital Virgen del Rocio	Instituto de Salud Carlos III	A. Monzón; F. Casas; I; I. Jiménez; Iglesias-Caballero; J. Lepe; M. Camarero; M. Cuesta; M. González-Esguevillas; M. Molinero Calamita; M. Zaballos; P. Jiménez; S. Juliá; S. Pozo; S. Varona
EPI_ISL_476435, EPI_ISL_476439, EPI_ISL_476445, EPI_ISL_476446, EPI_ISL_476469, EPI_ISL_476490	Hospital da Clínicas da Faculdade de Medicina da Universidade de São Paulo	Instituto de Medicina Tropical da Univesidade de São Paulo	Camila Alves Maia da Silva; Carolina S. Lazar; Cecília Salete Alencar; Darlan da Silva Candido; Erika Regina Manuli; Ester Sabino; Flavia Cristina da Silva Sales; Giula Magalhaes Ferreira; Jaqueline Goes de Jesus; Julien Theze; Mariana Severo Ramundo; Nuno Faria; Samples: Ingra Morales Claro; Silvia F. Costa; Thais de Moura Coletti
EPI_ISL_455352, EPI_ISL_455353, EPI_ISL_455354	Hospital de Cruces	Instituto de Salud Carlos III	A. Monzón; F. Casas; I; I. Jiménez; Iglesias-Caballero; M. Aranzamendi; M. Camarero; M. Cuesta; M. González-Esguevillas; M. Molinero Calamita; M. Zaballos; P. Jiménez; S. Juliá; S. Pozo; S. Varona
EPI_ISL_414577, EPI_ISL_414578	Hospital de Talca, Chile	Instituto de Salud Publica de Chile	Alejandra Acevedo; Andrés E. Castillo; Bárbara Parra; Carolina Tambley; Gabriel Leal; Gisselle Barra; Jaime Lagos; Javier Tognarelli; Jorge Fernández.; Loredana Arata; Patricia Bustos; Paz Tapia; Rodrigo Fasce; Soledad Ulloa; Winston Andrade
EPI_ISL_510247, EPI_ISL_510248, EPI_ISL_51	0249, EPI_ISL_510250, EPI_ISL_510251, EPI_ISL_510252, EPI_	_ISL_510253, EPI_ISL_510256, EPI_ISL_510257, EPI_ISL_51	0258, EPLISL_510259, EPLISL_510260, EPLISL_510261, EPLISL_510262, EPLISL_510263, EPLISL_510264, EPLISL_510265, EPLISL_510266
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EPI_ISL_515565, EPI_ISL_523965, EPI_ISL_523982	Hospital do Servidor Público Estadual Francisco Morato de Oliveira	Instituto Adolfo Lutz, Interdiciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valessa Ramos Gomes
EPI_ISL_861635	Hospital e Maternidade Madre Theodora	Instituto Adolfo Lutz, Interdiciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valessa Ramos Gomes; Karoline Rodrigues Campos
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EPI_ISL_693195

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EPI_ISL_458024, EPI_ISL_498257 Hospital for Tropical Diseases COVID-19 Network Investigations (CONI) Alliance

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EPI_ISL_420147, EPI_ISL_590915	Hospital of Southern Norway - Kristiansand, Department of Medical Microbiology	Norwegian Institute of Public Health, Department of Virology	Hilde Elshaug; Hilde Vollan; Kamilla Heddeland Instefjord; Karoline Bragstad; Kathrine Stene-Johansen; Olav Hungnes; Rasmus Riis Kopperud
EPI ISL 434732, EPI ISL 434735, EPI ISL 43 EPI ISL 434783, EPI ISL 434784, EPI ISL 43 EPI ISL 434808, EPI ISL 434810, EPI ISL 43 EPI ISL 434839, EPI ISL 434840, EPI ISL 43 EPI ISL 434881, EPI ISL 434880, EPI ISL 43 EPI ISL 434981, EPI ISL 434901, EPI ISL 43 EPI ISL 434918, EPI ISL 434901, EPI ISL 43 EPI ISL 434918, EPI ISL 434919, EPI ISL 43 EPI ISL 434918, EPI ISL 434939, EPI ISL 43 EPI ISL 434983, EPI ISL 434939, EPI ISL 43 EPI ISL 434983, EPI ISL 434984, EPI ISL 43 EPI ISL 434983, EPI ISL 434984, EPI ISL 43	4737, EP . ISL 434744, EP . ISL 434745, EP . ISL 434746, EP . 4785, EP . ISL 434787, EP . ISL 434788, EP . ISL 434787, EP . ISL 434788, EP . ISL 434815, EP . ISL 434815, EP . ISL 434815, EP . ISL 434845, EP . ISL 434845, EP . ISL 434845, EP . ISL 434845, EP . ISL 434865, EP . ISL 434905, EP . ISL 434905, EP . ISL 434905, EP . ISL 434905, EP . ISL 434936, EP . ISL 434921, EP . ISL 434922, EP . ISL 434923, EP . ISL 434936, EP . ISL 434965, EP . I	ISL 434753, EPI ISL 434755, EPI ISL 434759, EPI ISL 434791, EPI ISL 434792, EPI ISL 434795, EPI ISL 434791, EPI ISL 434822, EPI ISL 434824, EPI ISL 434824, EPI ISL 434846, EPI ISL 434846, EPI ISL 434846, EPI ISL 434849, EPI ISL 434849, EPI ISL 434849, EPI ISL 434868, EPI ISL 434888, EPI ISL 434890, EPI ISL 434906, EPI ISL 434906, EPI ISL 434906, EPI ISL 434906, EPI ISL 434949, EPI ISL 434926, EPI ISL 434926, EPI ISL 434926, EPI ISL 434926, EPI ISL 434948, EPI ISL 434949, EPI ISL 434967, EPI ISL 434967, EPI ISL 434991, EPI ISL 43491, EPI ISL 434991, EPI ISL 43491, EPI ISL	34722, EPI_ISL_434724, EPI_ISL_434725, EPI_ISL_434726, EPI_ISL_434727, EPI_ISL_434728, EPI_ISL_434729, EPI_ISL_434730, EPI_ISL_434731, 34760, EPI_ISL_434766, EPI_ISL_434766, EPI_ISL_434766, EPI_ISL_434766, EPI_ISL_434766, EPI_ISL_434766, EPI_ISL_434766, EPI_ISL_434767, EPI_ISL_434760, EPI_ISL_434803, EPI_ISL_434803, EPI_ISL_434807, EPI_ISL_434807, EPI_ISL_434807, EPI_ISL_434807, EPI_ISL_434807, EPI_ISL_434807, EPI_ISL_434807, EPI_ISL_434807, EPI_ISL_43483, EPI_ISL_43483, EPI_ISL_43483, EPI_ISL_43483, EPI_ISL_43483, EPI_ISL_434856, EPI_ISL_434556, EPI_ISL_434566, EPI_ISL_434556, EPI_ISL_542556, EPI_I
see above	Houston Methodist Hospital	Houston Methodist Hospital	Chia-Wei Chou; Concepcion C. Cantu; Daniel Boutz; David W. Bernard; Ghazaleh Eskandari; Hakon Jonsson; Heather Hendrickson; Hoang A. T. Nguyen; Hung-Che Kuo; Ilya J. Finkelstein; J. Hunter Long; James J. Davis; Jason S. McLellan; Jimmy Golilhinr; Jule Goike; Kamyab Javanmardi; Kari Stefansson; Layne Pruitt; Marcus Nguyen; Matthew Ojeda Saavedra; Maulik Shukla; Mukhiah Kumaraswami; Paul A. Christensen; Prasanti Yerramilli; Randall J. Olsen; S. Wesley Long; Sishir Subedi; and James M. Musser
EPI_ISL_437512	Human Genetic Research Center, Kawsar Biotech Company	Human Genetic Research Center, Kawsar Biotech Company	y Abbasalipour, M.; F. and Haghdoost, Y.; Hosseini; Kehsvar, Y.; Khosravi; M.A.; Sabeghi, S.; Zeinali, S.
EPI_ISL_645013, EPI_ISL_645014, EPI_ISL_64	5015, EPI_ISL_645016, EPI_ISL_645017, EPI_ISL_645018, EPI_	.ISL_645019, EPI_ISL_645020, EPI_ISL_645021, EPI_ISL_64	45022, EPI_ISL_645023, EPI_ISL_645024
see above	Human Genome Variation Research Group, Malopolska Centre of Biotechnology	Human Genome Variation Research Group, Malopolska Centre of Biotechnology	Botwina, P.; Branicki, W.; Dabrowska, A.; Foremny, J.; Gromowski, T.; Klajmon, A.; Kopera, K.; Kowalski, M.; Labaj; Marszalek, K.; Owczarek, K.; P.P.; Pisarek, A.; Pospiech, E.; Pyrc, K.; Sanak, M.; Swadzba, J.; Szczepanski, A.
EPI_ISL_454636, EPI_ISL_454637, EPI_ISL_45	4638, EPI_ISL_468438, EPI_ISL_468440, EPI_ISL_468446, EPI_		
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EPI_ISL_529961	Husada Utama Hospital	Institute of Tropical Disease, Universitas Airlangga	Aldise M Nastri; Didi Dewanto; Gatot Soegiarto; Jezzy R Dewantari; Kazufumi Shimizu; Krisnoadi Rahardjo; Laksmi Wulandari; Maria I Lusida; Mitsuhiro Nishimura; Resti Yudhawati; Retno A Setyoningrum; Rima R Prasetya; Soetjipto; Yasuko Mori; Yohko K Shimizu
EPI SL_940378, EPI SL_940380, EPI SL_94 EPI SL_940411, EPI SL_940412, EPI SL_94 EPI SL_940437, EPI SL_940438, EPI SL_94 EPI SL_940468, EPI SL_940486, EPI SL_94	0384, EPI ISL 940385, EPI ISL 940386, EPI ISL 940388, EPI 0413, EPI ISL 940414, EPI ISL 940415, EPI ISL 940416, EPI 0439, EPI ISL 940440, EPI ISL 940441, EPI ISL 940442, EPI	ISL_940389, EPI_ISL_940390, EPI_ISL_940392, EPI_ISL_94 ISL_940417, EPI_ISL_940418, EPI_ISL_940420, EPI_ISL_94 ISL_940443, EPI_ISL_940446, EPI_ISL_940448, EPI_ISL_94 ISL_940510, EPI_ISL_940511, EPI_ISL_940513, EPI_ISL_94	40252, EPL ISL_940255, EPL ISL_940272, EPL ISL_940351, EPL ISL_940373, EPL ISL_940374, EPL ISL_940375, EPL ISL_940376, EPL ISL_940376, EPL ISL_940376, EPL ISL_940406, EPL ISL_940406, EPL ISL_940406, EPL ISL_940406, EPL ISL_940406, EPL ISL_940406, EPL ISL_940436, EPL ISL_940456, EPL ISL_940456, EPL ISL_940456, EPL ISL_940457, EPL ISL_940546, EPL ISL_940546, EPL ISL_9405466, EPL ISL_9405467, EPL ISL_940546, EPL I
see above	Hôpital Bichat Claude Bernard, Laboratoire de Virologie	IAME UMR1137 Inserm, Université de Paris, Hôpital Bichat	t Alexandre Storto; Amélie Recoing; Antoine Bridier-Nahmias; Benoit Visseaux; Charlotte Charpentier; Diane Descamps; Gilles Collin; Lena Daniel; Mélanie Bertine; Nadhira Houhou-Fidouh; Quentin Le Hingrat; Siham Hamri
EPI_ISL_535944, EPI_ISL_535949, EPI_ISL_53 EPI_ISL_536082, EPI_ISL_536087, EPI_ISL_53	5950, EPI_ISL_535953, EPI_ISL_535957, EPI_ISL_535962, EPI_ 6088, EPI_ISL_536090, EPI_ISL_536094, EPI_ISL_536146, EPI_ 6284, EPI_ISL_536285, EPI_ISL_536290, EPI_ISL_536292, EPI_	.ISL_535966, EPI_ISL_535972, EPI_ISL_535973, EPI_ISL_53 .ISL_536147, EPI_ISL_536148, EPI_ISL_536186, EPI_ISL_53	35866, EPI_ISL_535869, EPI_ISL_535874, EPI_ISL_535888, EPI_ISL_535920, EPI_ISL_535921, EPI_ISL_535922, EPI_ISL_535923, EPI_ISL_535927, 35983, EPI_ISL_536017, EPI_ISL_536018, EPI_ISL_536020, EPI_ISL_536024, EPI_ISL_536075, EPI_ISL_536077, EPI_ISL_536078, EPI_ISL_536081, 36187, EPI_ISL_536233, EPI_ISL_536247, EPI_ISL_536247, EPI_ISL_536280, 36297, EPI_ISL_536238, EPI_ISL_5363314, EPI_ISL_5363314, EPI_ISL_536331, EPI_ISL_536339, EPI_ISL_536339, EPI_ISL_5363314, EP
see above	Hôpital Charles-LeMoyne	Laboratoire de santé publique du Québec	Guillaume Bourque; loannis Ragoussis; Jesse Shapiro; Mark Lathrop and Michel Roger; Mark Lathrop and Michel Roger on behalf of the CoVSeQ research group; Sandrine Moreira
EPI_ISL_535839	Hôpital Cité de la Santé	Laboratoire de santé publique du Québec	Guillaume Bourque; loannis Ragoussis; Jesse Shapiro; Mark Lathrop and Michel Roger; Sandrine Moreira
EPI_ISL_535792	Hôpital Fleurimont	Laboratoire de santé publique du Québec	Guillaume Bourque; loannis Ragoussis; Jesse Shapiro; Mark Lathrop and Michel Roger; Sandrine Moreira
EPI_ISL_961669, EPI_ISL_961670, EPI_ISL_961671, EPI_ISL_961672	Hôpital Georges L. Dumont	National Microbiology Laboratory (NML)	Anna Majier; Anneliese Landgraff; CanCOGeN's metadata curation team; Darian Hole; Elsie Grudeski; Gary Van Domselaar; Grace Seo; Guillaume Desnoyers; Jennifer Tanner; Kirsten Biggar; Madison Chapel; Morag Graham; Natalie Knox; Nathalie Bastien; Philip Mabon; Public Health Agency of Canada CanCOGeN team; Rhiannon Huzarewich; Richard Garceau; Russell Mandes; Shari Tyson; Timothy Booth; Yan Li
EPI_ISL_535717, EPI_ISL_535797, EPI_ISL_53	5912, EPI_ISL_535915, EPI_ISL_536013, EPI_ISL_536029, EPI_	ISL_536055, EPI_ISL_536180, EPI_ISL_536379	
see above	Hôpital Honoré-Mercier	Laboratoire de santé publique du Québec	Guillaume Bourque; Ioannis Ragoussis; Jesse Shapiro; Mark Lathrop and Michel Roger; Mark Lathrop and Michel Roger on behalf of the CoVSeQ research group; Sandrine Moreira
EPI_ISL_415650	Hôpital Instruction des Armées - BEGIN	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Angela Brisebarre; Christine Bigaillon; Flora Donati Vincent Enouf; Marion Barbet; Maud Vanpeene; Méline Bizard; Mélnie Albert; Sylvie Behillil; Sylvie van der Werf
EPI_ISL_535745, EPI_ISL_535994	Hôpital Laurentien	Laboratoire de santé publique du Québec	Guillaume Bourque; Ioannis Ragoussis; Jesse Shapiro; Mark Lathrop and Michel Roger; Mark Lathrop and Michel Roger on behalf of the CoVSeQ research group; Sandrine Moreira
EPI_ISL_536108	Hôpital Le Royer	Laboratoire de santé publique du Québec	Guillaume Bourque; Ioannis Ragoussis; Jesse Shapiro; Mark Lathrop and Michel Roger on behalf of the CoVSeQ research group; Sandrine Moreira
EPI_ISL_535755, EPI_ISL_535817, EPI_ISL_535831	Hôpital Maisonneuve-Rosemont	Laboratoire de santé publique du Québec	Guillaume Bourque; Ioannis Ragoussis; Jesse Shapiro; Mark Lathrop and Michel Roger; Sandrine Moreira
EPI_ISL_443295, EPI_ISL_443296, EPI_ISL_443298, EPI_ISL_443299	Hôpital Necker - Enfants - Malades Laboratoire de Virologie	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Angela Brisebarre; Etienne Simon-Lorière; Flora Donati; Marianne Leruez-Ville; Marion Barbet; Maud Vanpeene; Mélanie Albert; Méline Bizard; Sylvie Behillil; Sylvie van der Werf; Vincent Enouf
EPI_ISL_535721, EPI_ISL_535795	Hôpital Notre-Dame	Laboratoire de santé publique du Québec	Guillaume Bourque; Ioannis Ragoussis; Jesse Shapiro; Mark Lathrop and Michel Roger; Mark Lathrop and Michel Roger on behalf of the CoVSeQ research group; Sandrine Moreira
EPI_ISL_536103, EPI_ISL_536173, EPI_ISL_53	6174, EPI_ISL_536176, EPI_ISL_536178, EPI_ISL_536179, EPI_	JSL_536195, EPI_ISL_536196, EPI_ISL_536229, EPI_ISL_53	35879, EPI_ISL_535909, EPI_ISL_535948, EPI_ISL_536021, EPI_ISL_536039, EPI_ISL_536041, EPI_ISL_536092, EPI_ISL_536096, EPI_ISL_536099, 36234, EPI_ISL_536306, EPI_ISL_536305, EPI_ISL_536306, EPI_ISL_536306, EPI_ISL_536306, EPI_ISL_536306, EPI_ISL_536306, EPI_ISL_536306, EPI_ISL_536306, EPI_ISL_536374, EPI_ISL_536375, EPI_ISL_536388, EPI_ISL_536389, EPI_ISL_536391, EPI_ISL_536395, EPI_ISL_536397

EPI_ISL_535731, EPI_ISL_535752, EPI_ISL_535752, EPI_ISL_535762, EPI_ISL_535762, EPI_ISL_535862, EPI_ISL_535862, EPI_ISL_535862, EPI_ISL_535882, EPI_ISL_535882, EPI_ISL_535883, EPI_ISL_535893, EPI_ISL_536064, EPI_ISL_536064, EPI_ISL_536064, EPI_ISL_536064, EPI_ISL_536066, EPI_ISL_536067, EPI_ISL_536067, EPI_ISL_536067, EPI_ISL_536067, EPI_ISL_536067, EPI_ISL_536084, EPI_ISL_536084, EPI_ISL_536086, EPI_ISL_536087, EPI_ISL_536087

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EPI_ISL_414631, EPI_ISL_414632	Hôpital Robert Debré Laboratoire de Virologie	National Reference Center for Viruses of Respiratory	research group; Sandrine Moreira Angela Brisebarre; Flora Donati Vincent Enouf; Laurent Andreoletti; Marion Barbet; Maud Vanpeene; Méline Bizard; Mélnie Albert; Sylvie Behillil; Sylvie
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	·		research group; Sandrine Moreira
EPI_ISL_536046	Hôpital d'Alma	Laboratoire de santé publique du Québec	Guillaume Bourque; Ioannis Ragoussis; Jesse Shapiro; Mark Lathrop and Michel Roger on behalf of the CoVSeQ research group; Sandrine Moreira
EPI_ISL_535829, EPI_ISL_535905, EPI_ISL_535964, EPI_ISL_536107	Hôpital de Chicoutimi	Laboratoire de santé publique du Québec	Guillaume Bourque; loannis Ragoussis; Jesse Shapiro; Mark Lathrop and Michel Roger; Mark Lathrop and Michel Roger on behalf of the CoVSeQ research group; Sandrine Moreira
EPI_ISL_465691, EPI_ISL_535858, EPI_ISL_536266	Hôpital de Gatineau	Laboratoire de santé publique du Québec	Guillaume Bourque; Ioannis Ragoussis; Jesse Shapiro; Mark Lathrop and Michel Roger on behalf of the CoVSeQ research group; Sandrine Moreira
			3122, EPI_ISL_536124, EPI_ISL_536127, EPI_ISL_536132, EPI_ISL_536168, EPI_ISL_536169, EPI_ISL_536207, EPI_ISL_536208, EPI_ISL_536209, 3385, EPI_ISL_536386, EPI_ISL_536387, EPI_ISL_536392, EPI_ISL_536393
see above	Hôpital de Hull	Laboratoire de santé publique du Québec	Guillaume Bourque; Ioannis Ragoussis; Jesse Shapiro; Mark Lathrop and Michel Roger; Mark Lathrop and Michel Roger on behalf of the CoVSeQ research group; Sandrine Moreira
EPI_ISL_535744	Hôpital de Lasalle	Laboratoire de santé publique du Québec	Guillaume Bourque; Ioannis Ragoussis; Jesse Shapiro; Mark Lathrop and Michel Roger; Sandrine Moreira
EPI_ISL_465684, EPI_ISL_535885, EPI_ISL_536111, EPI_ISL_536112, EPI_ISL_536289	Hôpital de Maria	Laboratoire de santé publique du Québec	Guillaume Bourque; Ioannis Ragoussis; Jesse Shapiro; Mark Lathrop and Michel Roger on behalf of the CoVSeQ research group; Sandrine Moreira
EPI_ISL_535945	Hôpital de Mont-Laurier	Laboratoire de santé publique du Québec	Guillaume Bourque; Ioannis Ragoussis; Jesse Shapiro; Mark Lathrop and Michel Roger; Sandrine Moreira
EPI_ISL_536171	Hôpital de Papineau	Laboratoire de santé publique du Québec	Guillaume Bourque; Ioannis Ragoussis; Jesse Shapiro; Mark Lathrop and Michel Roger on behalf of the CoVSeQ research group; Sandrine Moreira
EPI_ISL_535985, EPI_ISL_535986, EPI_ISL_535987	Hôpital de Rouyn-Noranda	Laboratoire de santé publique du Québec	Guillaume Bourque; Ioannis Ragoussis; Jesse Shapiro; Mark Lathrop and Michel Roger on behalf of the CoVSeQ research group; Sandrine Moreira
EPI_ISL_535793, EPI_ISL_535865, EPI_ISL_53592	6, EPI_ISL_535929, EPI_ISL_535930, EPI_ISL_535941, EPI	_ISL_535942, EPI_ISL_535943, EPI_ISL_535947, EPI_ISL_535	982, EPI_ISL_536008, EPI_ISL_536049, EPI_ISL_536058, EPI_ISL_536069, EPI_ISL_536071, EPI_ISL_536072
see above	Hôpital de Saint-Eustache	Laboratoire de santé publique du Québec	Guillaume Bourque; Ioannis Ragoussis; Jesse Shapiro; Mark Lathrop and Michel Roger; Mark Lathrop and Michel Roger on behalf of the CoVSeQ research group; Sandrine Moreira
EPI_ISL_535716, EPI_ISL_535723, EPI_ISL_535728	Hôpital de Verdun	Laboratoire de santé publique du Québec	Guillaume Bourque; Ioannis Ragoussis; Jesse Shapiro; Mark Lathrop and Michel Roger; Mark Lathrop and Michel Roger on behalf of the CoVSeQ research group; Sandrine Moreira
EPI_ISL_535739	Hôpital de l'Enfant-Jésus	Laboratoire de santé publique du Québec	Guillaume Bourque; Ioannis Ragoussis; Jesse Shapiro; Mark Lathrop and Michel Roger; Sandrine Moreira
EPI_ISL_535914, EPI_ISL_535937, EPI_ISL_53597	1, EPI_ISL_535974, EPI_ISL_535978, EPI_ISL_535996, EPI	_ISL_535998, EPI_ISL_535999, EPI_ISL_536001, EPI_ISL_536	6030, EPI_ISL_536032, EPI_ISL_536033, EPI_ISL_536037, EPI_ISL_536246, EPI_ISL_536248, EPI_ISL_536249, EPI_ISL_536250, EPI_ISL_536251
see above	Hôpital du Centre-de-la-Mauricie	Laboratoire de santé publique du Québec	Guillaume Bourque; Ioannis Ragoussis; Jesse Shapiro; Mark Lathrop and Michel Roger; Mark Lathrop and Michel Roger on behalf of the CoVSeQ research group; Sandrine Moreira
EPI_ISL_535812	Hôpital du Sacré-Coeur de Montréal	Laboratoire de santé publique du Québec	Guillaume Bourque; Ioannis Ragoussis; Jesse Shapiro; Mark Lathrop and Michel Roger on behalf of the CoVSeQ research group; Sandrine Moreira
			8026, EPI_ISL_536095, EPI_ISL_536097, EPI_ISL_536098, EPI_ISL_536102, EPI_ISL_536105, EPI_ISL_536163, EPI_ISL_536198, EPI_ISL_536200, 8354, EPI_ISL_536355, EPI_ISL_536356, EPI_ISL_536357, EPI_ISL_536358, EPI_ISL_536359, EPI_ISL_536362, EPI_ISL_536390
see above	Hôpital du Suroît	Laboratoire de santé publique du Québec	Guillaume Bourque; Ioannis Ragoussis; Jesse Shapiro; Mark Lathrop and Michel Roger; Mark Lathrop and Michel Roger on behalf of the CoVSeQ research group; Sandrine Moreira
EPI_ISL_535991, EPI_ISL_536113, EPI_ISL_536114	Hôpital et Centre d'Hébergement de Sept-Iles	Laboratoire de santé publique du Québec	Guillaume Bourque; Ioannis Ragoussis; Jesse Shapiro; Mark Lathrop and Michel Roger on behalf of the CoVSeQ research group; Sandrine Moreira
EPI_ISL_535720, EPI_ISL_535756, EPI_ISL_535757	Hôpital général Juif	Laboratoire de santé publique du Québec	Guillaume Bourque; Ioannis Ragoussis; Jesse Shapiro; Mark Lathrop and Michel Roger; Sandrine Moreira
EPI_ISL_536205	Hôpital régional de Rimouski	Laboratoire de santé publique du Québec	Guillaume Bourque; Ioannis Ragoussis; Jesse Shapiro; Mark Lathrop and Michel Roger on behalf of the CoVSeQ research group; Sandrine Moreira
EPI_ISL_535798, EPI_ISL_535838, EPI_ISL_536022	Hôpital régional de Saint-Jérôme	Laboratoire de santé publique du Québec	Guillaume Bourque; Ioannis Ragoussis; Jesse Shapiro; Mark Lathrop and Michel Roger; Mark Lathrop and Michel Roger on behalf of the CoVSeQ research group; Sandrine Moreira
EPI_ISL_536101	Hôpital, CLSC et Centre d'Hébergement de Roberval	Laboratoire de santé publique du Québec	Guillaume Bourque; Ioannis Ragoussis; Jesse Shapiro; Mark Lathrop and Michel Roger on behalf of the CoVSeQ research group; Sandrine Moreira
EPI_ISL_535750, EPI_ISL_535751, EPI_ISL_53575	8, EPI_ISL_535759, EPI_ISL_535820, EPI_ISL_535821, EPI	_ISL_535833, EPI_ISL_535834, EPI_ISL_535835, EPI_ISL_535	836
see above	Hôtel-Dieu de Lévis	Laboratoire de santé publique du Québec	Guillaume Bourque; Ioannis Ragoussis; Jesse Shapiro; Mark Lathrop and Michel Roger; Mark Lathrop and Michel Roger on behalf of the CoVSeQ research group; Sandrine Moreira
EPI_ISL_535903, EPI_ISL_535904, EPI_ISL_535990, EPI_ISL_536121	Hôtel-Dieu de Sorel	Laboratoire de santé publique du Québec	Guillaume Bourque; Ioannis Ragoussis; Jesse Shapiro; Mark Lathrop and Michel Roger; Mark Lathrop and Michel Roger on behalf of the CoVSeQ research group; Sandrine Moreira
EPI_ISL_424865, EPI_ISL_424895, EPI_ISL_42489 EPI_ISL_648000, EPI_ISL_648001	6, EPI_ISL_424897, EPI_ISL_424898, EPI_ISL_424899, EPI	_ISL_424900, EPI_ISL_447842, EPI_ISL_647990, EPI_ISL_647	7991, EPI_ISL_647992, EPI_ISL_647993, EPI_ISL_647994, EPI_ISL_647995, EPI_ISL_647996, EPI_ISL_647997, EPI_ISL_647998, EPI_ISL_647999,
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EPI ISL 430464, EPI ISL 430465, EPI ISL 43046	6, EPI ISL 430468, EPI ISL 455640, EPI ISL 455641, EPI		
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EPI_ISL_424850, EPI_ISL_424851, EPI_ISL_452134	IL Department of Public Health Chicago Laboratory	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Alison S. Laufer Halpin; Anna Montmayeur; Anna Uehara; Christopher A. Elkins; Clinton R. Paden; Haibin Wang; Jing Zhang; Krista Queen; Mary S. Keckler; Rachel Marine; Suxiang Tong; Yan Li; Ying Tao; Zachary Weiner
EPI_ISL_424866, EPI_ISL_452131	IN State Department of Health Laboratory Services	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Alison S. Laufer Halpin; Anna Montmayeur; Anna Uehara; Christopher A. Elkins; Clinton R. Paden; Haibin Wang; Jing Zhang; Krista Queen; Mary S. Keckler; Rachel Marine; Suxiang Tong; Yan Li; Ying Tao; Zachary Weiner
EPI_ISL_419255, EPI_ISL_493328, EPI_ISL_493329	INMI Lazzaro Spallanzani IRCCS	INMI Lazzaro Spallanzani IRCCS	Antonino Di Caro; Barbara Bartolini; Cesare E. M. Gruber; Cesare E. M. Gruber; Concetta Castilletti; Daniele Lapa; Eleonora Lalle; Emanuela Giombini; Fabrizio Carletti; Francesca Colavita; Francesco Messina; Giuseppe Ippolito.; Maria R. Capobianchi; Martina Rueca
EPI_ISL_417921, EPI_ISL_417922, EPI_ISL_41792	3, EPI_ISL_419254, EPI_ISL_424342, EPI_ISL_424343, EPI	_ISL_424344	
see above	INMI Lazzaro Spallanzani IRCCS	Laboratory of Virology, INMI Lazzaro Spallanzani IRCCS	Antonino Di Caro; Barbara Bartolini; Cesare E. M. Gruber; Cesare Ernesto Maria Gruber; Concetta Castilletti; Daniele Lapa; Eleonora Lalle; Emanuela Giombini; Fabrizio Carletti; Francesca Colavita; Francesco Messina; Francesco Vairo; Giulia Matusali; Giuseppe Ippolito; Giuseppe Ippolito; Licia Bordi; Maria R. Capobianchii; Maria Rosaria Capobianchi
EPI ISI 826798 EPI ISI 826800 EPI ISI 82680	2 EPI ISI 826804 EPI ISI 826805 EPI ISI 826807 EPI	ISI 826809 EPI ISI 826811 EPI ISI 826812 EPI ISI 826	

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EPI ISL 751377, EPI ISL 751378, EPI ISL 751378, EPI ISL 751378, EPI ISL 751389, EPI ISL 751389 EPI ISL 751395, EPI ISL 751395, EPI ISL 751395, EPI ISL 751396, EPI ISL 751409, EPI ISL 751409 EPI_ISL_751413, EPI_ISL_751414, EPI_ISL_751414, EPI_ISL_751414, EPI_ISL_751415, EPI_ISL_751416, EPI_ISL_751426, EPI_ISL_751426, EPI_ISL_751427, EPI_ISL_751418, EPI_ISL_751427, EPI_ISL_751419, EPI_ISL_751419 IRCCS Sacro Cuore Don Calabria Hospital, Department of see above University of Verona, Department of Biotechnology Antonio Mori: Chiara Degli Esposti; Chiara Piubelli; Cristina Beltrami; Elena Pomari; Emanuela Cosentino; Giulia Lopatriello; Luca Marcolungo; Massimo Infectious Tropical Diseases & Microbiology Delledonne: Michela Deiana EPI ISL 480961, EPI ISL 480989 ISGlobal, Institut de Salut Global de Barcelona SegCOVID-SPAIN consortium/IBV(CSIC) Alberto L Garcia-Basteiro; Alfredo Mayor; Carlota Dobaño; Gemma Moncunill; Pau Cisteró and SeqCOVID-SPAIN consortium FPI ISI 572324 17SM 17SM Giovanna Eusco: Lorena Cardillo: Maurizio Viscardi EPI ISL 479936, EPI ISL 479937, EPI ISL 479937, EPI ISL 479939, EPI ISL 479939, EPI ISL 479940, EPI ISL 479940, EPI ISL 479941, EPI ISL 479942, EPI ISL 479943, EPI ISL 480021, EPI ISL 480023, EPI ISL 480024, EPI ISL 480025, EPI ISL 480025, EPI ISL 480026, EPI ISL 479940, EPI ISL 479940 EPI ISL 480181 see above Ibaraki Prefectural Institute of Public Health Pathogen Genomics Center, National Institute of Infectious Hajime Kamiya; Keiko Goto; Kentaro Itokawa; Makoto Kuroda; Masanori Hashino; Motoi Suzuki; Rina Tanaka; Tsuyoshi Sekizuka EPI_ISL_683658, EPI_ISL_683659, EPI_ISL_683659, EPI_ISL_683659, EPI_ISL_683664, EPI_ISL_683664, EPI_ISL_683667, EPI_ISL_683667, EPI_ISL_779726, EPI_ISL_779727, EPI_ISL_779727, EPI_ISL_779728, EPI_ISL_779728, EPI_ISL_779728, EPI_ISL_779728, EPI_ISL_779728, EPI_ISL_779729, EPI_ISL_779728, EPI_ISL_779728 EPI_ISL_779754, EPI_ISL_779755, EPI_ISL_779755, EPI_ISL_779755, EPI_ISL_779760, EPI_ISL_779760 EPI_ISL_779772, EPI_ISL_779773, EPI_ISL_855403 see ahove IdISSC/Hospital Clínico San Carlos de Madrid SegCOVID-SPAIN consortium/IBV(CSIC) Alberto Delgado-Iribarren: Esther Culebras Lopez; Esther Culebras López; Jorge Matias-Guiu: Luis Ortega Medina; Silvia Sánchez Ramón; Ulises Gómez-Pinedo and SegCOVID-SPAIN consortium: Vicente Estrada Pérez EPI ISL 632847, EPI ISL 632848, EPI ISL 632848, EPI ISL 632849, EPI ISL 632850, EPI ISL 632850 EPI ISL 632872, EPI ISL 632873, EPI ISL 632876, EPI ISL 632878, EPI ISL 632879, EPI ISL 632880, EPI ISL 632881, EPI ISL 632882, EPI ISL 632883, EPI ISL 632885, EPI ISL 632885, EPI ISL 632886 Idaho Bureau of Laboratories Center for Global Health, University of New Mexico Health Christopher Ball; Darrell Dinwiddie; Daryl Domman; Kurt Schwalm; Matthew Burns; Robert Voermans Sciences Center EPI ISL 1164798. 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EPI ISL 413520, EPI ISL 413521, and Prevention of PLA and Prevention of PLA EPI ISL 514752 $\texttt{EPL_SL_962534}, \texttt{EPL_ISL_962532}, \texttt{EPL_ISL_962534}, \texttt{EPL_ISL_9$ EPI ISL_962546, EPI ISL_962547, EPI ISL_962547, EPI ISL_962554, EPI ISL_962554, EPI ISL_962555, EPI ISL_962555, EPI ISL_962555, EPI ISL_962555, EPI ISL_962555, EPI ISL_962555, EPI ISL_962556, EPI ISL_962557, EPI ISL_962567, EPI ISL_962557, EPI ISL_96257, EPI ISL_96257, EPI ISL_96257, EPI ISL_96257, EPI ISL_96257, EPI ISL_96257, EPI EPI_ISL_962564, EPI_ISL_962565, EPI_ISL_962565, EPI_ISL_962565, EPI_ISL_962577, EPI_ISL_962577 EPI ISL 962582, EPI ISL 962583, EPI ISL 962584, EPI ISL 962868, EPI ISL 962869, EPI ISL 962870, EPI ISL 962871, EPI ISL 962873, EPI ISL 962874, EPI ISL 962875 see above Infectious Disease Control and Prevention Institute Infectious Disease Control and Prevention Institute Bo Pang; Jianxing Wang; Julong Wu; Mingxiao Yao; Ti Liu; Xiaolin Jiang; Yan Li; Yujie He; Yuwei Zhang; Zengqiang Kou Infectious Disease and Tropical Medicine Research Center, EPI ISL 596454 Genetics Research Center, University of Social Welfare and Ali Jafarpour; Azam Ghaziasadi; Ebrahim Kord; Hossein Najmabadi; Khadijeh Jalalvand; Kimia Kahrizi; Marzieh Mohseni; Seyed Mohammad Resistant Tuberculosis Institute, Zahedan University of Hashemi-Shahri; Seyed Mohammad Jazayeri; Seyedeh elham Mortazavi; Zohreh Fattahi Rehabilitation Sciences Medical Sciences, Zahedan, Iran. 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EPI ISL 420074. EPI ISL 420076. EPI ISL 420077. EPI ISL 420077. EPI ISL 420078. EPI ISL 420079. EPI ISL 420079

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EPI_ISL_416747, EPI_ISL_416748, EPI_ISL_416750, EPI_ISL_416753, EPI_ISL_416754, EPI_ISL_416756, EPI_ISL_416758				
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EPI_ISL_419171, EPI_ISL_419172, EPI_ISL_4 EPI_ISL_420615, EPI_ISL_420616, EPI_ISL_4 EPI_ISL_508886, EPI_ISL_508887, EPI_ISL_5	19173, EPI_ISL_419177, EPI_ISL_419178, EPI_ISL_419179, EPI 120618, EPI_ISL_420619, EPI_ISL_420621, EPI_ISL_420622, EPI_ 130888, EPI_ISL_508889, EPI_ISL_508890, EPI_ISL_508891, EPI_	ISL_419180, EPI_ISL_419181, EPI_ISL_419182, EPI_ISL_419 ISL_420623, EPI_ISL_420624, EPI_ISL_420625, EPI_ISL_508 ISL_508892, EPI_ISL_508893, EPI_ISL_508894, EPI_ISL_508	3423, EPI_ISL_418424, EPI_ISL_418425, EPI_ISL_418429, EPI_ISL_418430, EPI_ISL_418431, EPI_ISL_418432, EPI_ISL_419169, EPI_ISL_419170, 1184, EPI_ISL_420604, EPI_ISL_420605, EPI_ISL_420606, EPI_ISL_420607, EPI_ISL_420608, EPI_ISL_420609, EPI_ISL_420610, EPI_ISL_420611, 8871, EPI_ISL_508874, EPI_ISL_508874, EPI_ISL_508887, EPI_ISL_508883, EPI_ISL_508884, EPI_ISL_508885, 8895, EPI_ISL_508896, EPI_ISL_508897, EPI_ISL_508896, EPI_ISL_508897, EPI_ISL_508909, EPI_ISL_5089091, EPI_ISL_508902, EPI_ISL_508903, 10008, EPI_ISL_508909, EPI_ISL_509011, EPI_ISL_509013, EPI_ISL_509014	
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EPI_ISL_437931, EPI_ISL_437932, EPI_ISL_4 EPI_ISL_437990, EPI_ISL_437991, EPI_ISL_4	37974, EP _ISL_437975, EP _ISL_437976, EP _ISL_437977, EP 37992, EP _ISL_475769, EP _ISL_475813, EP _ISL_475814, EP _	ISL_437978, EPI_ISL_437979, EPI_ISL_437980, EPI_ISL_437 ISL_475815, EPI_ISL_475816, EPI_ISL_475817, EPI_ISL_475	/922, EPI_ISL_437923, EPI_ISL_437924, EPI_ISL_437925, EPI_ISL_437926, EPI_ISL_437927, EPI_ISL_437928, EPI_ISL_437929, EPI_ISL_437930, 981, EPI_ISL_437982, EPI_ISL_437983, EPI_ISL_437984, EPI_ISL_437985, EPI_ISL_437986, EPI_ISL_437987, EPI_ISL_437988, EPI_ISL_437989, 8818, EPI_ISL_475819, EPI_ISL_475820, EPI_ISL_475821, EPI_ISL_475822, EPI_ISL_475323, EPI_ISL_475829, EPI_ISL_475919, EPI_ISL_475924, 8610, EPI_ISL_583611, EPI_ISL_583612, EPI_ISL_583613, EPI_ISL_583614, EPI_ISL_583691	
see above	Institut für Virologie am Department für Hygiene, Mikrobiologie und Public Health	Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Adi Steinrigl; Alexander Lercher; Alexandra Popa; Andreas Bergthaler; Benedikt Agerer; Christian Paar; Christoph Bock; Daniela Schmid; Dorothee von Laer; Elisabeth Puchhammer-Stoeckl; Franz Allerberger; Gernot Walder; Gregor Hörmann; Guenter Weiss; Gunther Vogl; Henrique Colaco; Jakob-Wendelin Genger; Jan Laine; Juddith Aberle; Kinga Rigler-Hohenwarter; Lukas Endler; Manfred Nairz; Mark Smyth; Martin Senekowitsch; Michael Schuster; Peter Hufnagl; Peter Obrist; Rainer Gattringer; Sabine Sussitz-Rack; Stephan Aberle; Thomas Penz; Wegene Borena	
EPI_ISL_574809, EPI_ISL_574810, EPI_ISL_5	574811, EPI_ISL_574812, EPI_ISL_574813, EPI_ISL_574814, EPI_	_ISL_574815, EPI_ISL_574816, EPI_ISL_574817, EPI_ISL_574	1800, EPI_ISL_574801, EPI_ISL_574802, EPI_ISL_574803, EPI_ISL_574804, EPI_ISL_574805, EPI_ISL_574806, EPI_ISL_574807, EPI_ISL_574808, 1818, EPI_ISL_574819, EPI_ISL_574820, EPI_ISL_574821, EPI_ISL_574822, EPI_ISL_574823, EPI_ISL_574824, EPI_ISL_574825, EPI_ISL_574826, 1836, EPI_ISL_574837, EPI_ISL_574838, EPI_ISL_574839, EPI_ISL_574840, EPI_ISL_574841, EPI_ISL_574842, EPI_ISL_574843, EPI_ISL_574844	
see above	Institute for Infectious Diseases, University of Bern	Institute for Infectious Diseases, University of Bern	Alban Ramette; Christian Baumann; Cora Sägesser; Franziska Suter-Riniker; Michel C Koch; Miguel A Terrazos Miani; Peter Keller; Stephen L Leib	
EPI_ISL_455790, EPI_ISL_455791, EPI_ISL_455792, EPI_ISL_455793	Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia	Malaysia Genome Institute	Azrin Ahmad; Enizza Kasim; Irni Suhayu Sapian; Jeyanthi Suppiah; Mohd Faizal Abu Bakar; Mohd Noor Mat Isa; Norazah Ahmad; Nurhezreen Md Iqbal; Ravindran Thayan; Shahrul Hisham Zainal Ariffin; Shamsidar Sopie; Siti Noraini Othman; Tahir Aris; Yusuf Muhammad Noor; Zarina Mohd Zawawi	
EPI_ISL_430441, EPI_ISL_430442, EPI_ISL_430444, EPI_ISL_459955, EPI_ISL_489992, EPI_ISL_489994	Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia	Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia	Abdul-Wahid.M-Z; Ahmad.N; Azizan.M-A; Ellan K; Hisham.H-A; Kalyanasundram J; Kalyanasundram.J; Kamel K; Kamel KA; Mat-Sharani.S; Mohd-Zain R; Mohd-Zain.R; Mohd-Zawawi Z; Mohd-Zawawi.Z; Suppiah J; Suppiah.J; Tan.L-P; Tengku-Rogayah.TAR; Thayan R; Thayan.R	
EPI_ISL_583579, EPI_ISL_583580, EPI_ISL_5	83581, EPI_ISL_583582, EPI_ISL_583583, EPI_ISL_583584, EPI_	_ISL_583585, EPI_ISL_583586, EPI_ISL_583587, EPI_ISL_583	3588, EPI_ISL_583591, EPI_ISL_583592, EPI_ISL_583593, EPI_ISL_583594, EPI_ISL_583595, EPI_ISL_583596, EPI_ISL_583597, EPI_ISL_583598	
see above	Institute for Medical and Chemical Laboratory Diagnostics, Kepler Universitätsklinikum	Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Adi Steinrigl; Alexander Lercher; Alexandra Popa; Andreas Bergthaler; Benedikt Agerer; Christian Paar; Christoph Bock; Daniela Schmid; Dorothee von Laer; Elisabeth Puchhammer-Stoeckl; Franz Allerberger; Gernot Walder; Gregor Hörmann; Guenter Weiss; Gunther Vogl; Henrique Colaco; Jakob-Wendelin Genger; Jan Laine; Judith Aberle; Kinga Rigler-Hohenwarter; Lukas Endler; Manfred Nairz; Mark Smyth; Martin Senekowitsch; Michael Schuster; Peter Hufnagl; Peter Obrist; Rainer Gattringer; Sabine Sussitz-Rack; Stephan Aberle; Thomas Penz; Wegene Borena	
EPI_ISL_454605, EPI_ISL_454606, EPI_ISL_455566, EPI_ISL_455567	Institute for Public Health	Laboratory for advanced genomics	Filip Roki; Igor Jurak; Lovro Trgovec-Greif; Neven Sui; Oliver Vugrek; Tomislav Rukavina	
			2491, EPI_ISL_602492, EPI_ISL_602493, EPI_ISL_602494, EPI_ISL_602495, EPI_ISL_602496, EPI_ISL_602497, EPI_ISL_602497, EPI_ISL_602498, EPI_ISL_602499, EPI_ISL_602518, EPI_ISL_602519, EPI_ISL_602520, EPI_ISL_602522, EPI_ISL_602523, EPI_ISL_602524, EPI_ISL_602527, EPI_ISL_602529, EPI_ISL_	
see above	Institute for Virology, University Hospital Essen	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Alexander Dilthey; Andreas Walker; Daniel Strelow; Jessica Nicolai; Jörg Timm; Klaus Pfeffer; Lisanna Hülse; Malte Kohns Vasconcelos; Maximilian Damagnez; Nadine Lübke; Olympia E. Anastasiou; Tobias Wienemann; Torsten Houwaart; Ulf Dittmer	
see above EPI_ISL_418988	Institute for Virology, University Hospital Essen Institute information KU Leuven, Clinical and Epidemiological Virology			
	Institute information KU Leuven, Clinical and Epidemiological	Hygiene, University of Duesseldorf Institute information KU Leuven, Clinical and Epidemiological	Damagnez; Nadine Lübke; Olympia E. Anastasiou; Tobias Wienemann; Torsten Houwaart; Ulf Dittmer	
EPI_ISL_418988 EPI_ISL_525472	Institute information KU Leuven, Clinical and Epidemiological Virology Institute of Clinical Microbiology and Hygiene, University	Hygiene, University of Duesseldorf Institute information KU Leuven, Clinical and Epidemiological Virology Institute of Clinical Microbiology and Hygiene, University Hospital Regensburg	Damagnez; Nadine Lübke; Olympia E. Anastasiou; Tobias Wienemann; Torsten Houwaart; Ulf Dittmer Bert Vanmechelen; Joan Marti-Carreras; Piet Maes; Tony Wawina	
EPI_ISL_418988 EPI_ISL_525472	Institute information KU Leuven, Clinical and Epidemiological Virology Institute of Clinical Microbiology and Hygiene, University Hospital Regensburg	Hygiene, University of Duesseldorf Institute information KU Leuven, Clinical and Epidemiological Virology Institute of Clinical Microbiology and Hygiene, University Hospital Regensburg	Damagnez; Nadine Lübke; Olympia E. Anastasiou; Tobias Wienemann; Torsten Houwaart; Ulf Dittmer Bert Vanmechelen; Joan Marti-Carreras; Piet Maes; Tony Wawina	
EPI_ISL_418988 EPI_ISL_525472 EPI_ISL_539333, EPI_ISL_539334, EPI_ISL_5 see above EPI_ISL_723079, EPI_ISL_723084, EPI_ISL_7	Institute information KU Leuven, Clinical and Epidemiological Virology Institute of Clinical Microbiology and Hygiene, University Hospital Regensburg 539335, EPI_ISL_539336, EPI_ISL_53937, EPI_ISL_539338, EPI_ISL_tabelli	Hygiene, University of Duesseldorf Institute information KU Leuven, Clinical and Epidemiological Virology Institute of Clinical Microbiology and Hygiene, University Hospital Regensburg JSL_539339 Institute of Disease Control and Prevention, People's Liberation Army	Damagnez; Nadine Lübke; Olympia E. Anastasiou; Tobias Wienemann; Torsten Houwaart; Ulf Dittmer Bert Vanmechelen; Joan Marti-Carreras; Piet Maes; Tony Wawina Hiergeist, A.	
EPI_ISL_418988 EPI_ISL_525472 EPI_ISL_539333, EPI_ISL_539334, EPI_ISL_5 see above EPI_ISL_723079, EPI_ISL_723084, EPI_ISL_7	Institute information KU Leuven, Clinical and Epidemiological Virology Institute of Clinical Microbiology and Hygiene, University Hospital Regensburg 539335, EPI_ISL_539336, EPI_ISL_539337, EPI_ISL_539338, EPI_ISL_54000	Hygiene, University of Duesseldorf Institute information KU Leuven, Clinical and Epidemiological Virology Institute of Clinical Microbiology and Hygiene, University Hospital Regensburg JSL_539339 Institute of Disease Control and Prevention, People's Liberation Army	Damagnez; Nadine Lübke; Olympia E. Anastasiou; Tobias Wienemann; Torsten Houwaart; Ulf Dittmer Bert Vanmechelen; Joan Marti-Carreras; Piet Maes; Tony Wawina Hiergeist, A. Li, P.; Qiu, S.	
EPI_ISL_418988 EPI_ISL_525472 EPI_ISL_539333, EPI_ISL_539334, EPI_ISL_5 see above EPI_ISL_723079, EPI_ISL_723084, EPI_ISL_7 EPI_ISL_723101, EPI_ISL_723102, EPI_ISL_7 see above	Institute information KU Leuven, Clinical and Epidemiological Virology Institute of Clinical Microbiology and Hygiene, University Hospital Regensburg 539335, EPI_ISL_539336, EPI_ISL_539337, EPI_ISL_539338, EPI_Institute of Disease Control and Prevention, People's Liberation Army 723085, EPI_ISL_723086, EPI_ISL_723087, EPI_ISL_723088, EPI_	Hygiene, University of Duesseldorf Institute information KU Leuven, Clinical and Epidemiological Virology Institute of Clinical Microbiology and Hygiene, University Hospital Regensburg ISL_539339 Institute of Disease Control and Prevention, People's Liberation Army ISL_723089, EPI_ISL_723090, EPI_ISL_723091, EPI_ISL_723 Institute of Medical Genetics and Applied Genomics	Damagnez; Nadine Lübke; Olympia E. Anastasiou; Tobias Wienemann; Torsten Houwaart; Ulf Dittmer Bert Vanmechelen; Joan Marti-Carreras; Piet Maes; Tony Wawina Hiergeist, A. Li, P.; Qiu, S. 3092, EPI_ISL_723093, EPI_ISL_723094, EPI_ISL_723095, EPI_ISL_723096, EPI_ISL_723097, EPI_ISL_723098, EPI_ISL_723099, EPI_ISL_723100, Angel Angelov; Caspar Gross; Daniela Bezdan; Michael Bitzer; Michael Sonnabend; Michaela Pogoda; Nicolas Casadei; Siri Göpel; Stephan Ossowski;	
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Fernando Ledesma Barrientos: Francisco Javier Gaytán Cervantes: Francisco Pulido: Gisela Barrera Badillo: Gloria Vázquez: Guillermo M. Ruiz-Palacios: Irma López Martínez; Joel Armando Vázquez Pérez; José Arturo Martínez Orozco; José Ernesto Ramírez González; José Esteban Muñoz Medina; Lucia Hernández Rivas; Luis Alberto García Andrade; Mario Mújica Sánchez; Pavel Isa; Pilar Ramos Cervantes; Ricardo Grande; Santiago Avila Ríos; Victor Hugo Borja Aburto; Violeta Ibarra Gonzalez

EPI ISL 455436, EPI ISL 455437, EPI ISL 455438, EPI ISL 455439, EPI ISL 455455, EPI ISL 455456, EPI ISL 493334

Instituto de Diagnostico y Referencia Epidemiologicos Instituto de Diagnostico y Referencia Epidemiologicos (INDRE) (INDRE)

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EPI_ISL_956385, EPI_ISL_956386, EPI_ISL_956386, EPI_ISL_956386, EPI_ISL_956387, EPI_ISL_956388, EPI_ISL_956389, EPI_ISL_956389, EPI_ISL_956389, EPI_ISL_956389, EPI_ISL_956399, EPI_ISL_956399

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EPI ISL 474960, EPI ISL 474960, EPI ISL 474965, EPI ISL 474969, EPI ISL 474969, EPI ISL 474999, EPI ISL 474999 EPI ISL 475002, EPI ISL 475003, EPI ISL 475010, EPI ISL 475013, EPI ISL 475013, EPI ISL 475014, EPI ISL 475015, EPI ISL 475015, EPI ISL 483704, EPI ISL 483709, EPI ISL 483709, EPI ISL 483704, EPI ISL 483704, EPI ISL 483704, EPI ISL 483704, EPI ISL 475015, EPI ISL 475015, EPI ISL 475015, EPI ISL 483704, EPI ISL 483704, EPI ISL 483704, EPI ISL 475015, EPI ISL 475015, EPI ISL 475016, EPI ISL 475016 EPI ISL 514310, EPI ISL 514310, EPI ISL 514311, EPI ISL 514311 EPI ISL 649078, EPI ISL 649079, EPI ISL 649079, EPI ISL 649080, EPI ISL 649081, EPI ISL 649082, EPI ISL 649083, EPI ISL 649083, EPI ISL 649084, EPI ISL 649085, EPI ISL 649084, EPI ISL 649084, EPI ISL 649084, EPI ISL 649085, EPI ISL 649084, EPI ISL 649086, EPI ISL 649086, EPI ISL 649087, EPI ISL 649088, EPI ISL 649088 EPI_ISL_649096, EPI_ISL_649097, EPI_ISL_649098, EPI_ISL_649106, EPI_ISL_649101, EPI_ISL_649102, EPI_ISL_649103, EPI_ISL_649104, EPI_ISL_649105, EPI_ISL_649106, EPI_ISL_649107, EPI_ISL_649107

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EPI_ISL_778647, EPI_ISL_778651, EPI_ISL_778686, EPI_ISL_778687, EPI_ISL_778689, EPI_ISL_778690	Istituto Zooprofilattico Sperimentale del Mezzogiorno	TIGEM	Andrea Ballabio; Anna Manfredi; Antonio Grimaldi; Antonio Limone; Biancamaria Pierri; Chiara Colantuono; Davide Cacchiarelli.; Denise Di Concilio; Francesco Panariello; Lucio Di Filippo; Marcello Salvi; Maria Concetta Cuomo; Patrizia Annunziata; Pellegrino Cerino; Valentina Bouche
EPI_ISL_794745	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Bianco A.; Capozzi L.; Cipolletta D.; Del Sambro L.; Galante D.; Manzulli V; Pace L.; Parisi A.; Rondinone V.
EPI_ISL_631609, EPI_ISL_631610, EPI_ISL_631 EPI_ISL_631883, EPI_ISL_631887, EPI_ISL_632 EPI_ISL_632007, EPI_ISL_632008, EPI_ISL_632 EPI_ISL_632095, EPI_ISL_632096, EPI_ISL_632 EPI_ISL_632168, EPI_ISL_632169, EPI_ISL_632	612, EPI_ISL_631613, EPI_ISL_631615, EPI_ISL_631788, EPI_889, EPI_ISL_631996, EPI_ISL_631995, EPI_009, EPI_ISL_632017, EPI_ISL_632012, EPI_ISL_632017, EPI_106, EPI_ISL_632107, EPI_ISL_632108, EPI_ISL_632108, EPI_ISL_632108, EPI_ISL_632108, EPI_ISL_632170, EPI_ISL_632172, EPI_ISL_632180, EPI_ISL_632180	JSL, 631789, EPI_ISL, 631809, EPI_ISL, 631810, EPI_ISL, 631 SISL, 631902, EPI_ISL, 631904, EPI_ISL, 631925, EPI_ISL, 631 ISL, 632021, EPI_ISL, 632023, EPI_ISL, 632025, EPI_ISL, 632 ISL, 632110, EPI_ISL, 632128, EPI_ISL, 632130, EPI_ISL, 632 ISL, 632182, EPI_ISL, 632184, EPI_ISL, 632188, EPI_ISL, 632	585, EPI_ISL_631590, EPI_ISL_631593, EPI_ISL_631595, EPI_ISL_631597, EPI_ISL_631599, EPI_ISL_631601, EPI_ISL_631604, EPI_ISL_631608, 812, EPI_ISL_631813, EPI_ISL_631825, EPI_ISL_631825, EPI_ISL_631835, EPI_ISL_631835, EPI_ISL_631836, EPI_ISL_631867, 963, EPI_ISL_631969, EPI_ISL_631996, EPI_ISL_631969, EPI_ISL_631971,
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EPI_ISL_450792, EPI_ISL_450793, EPI_ISL_450	794, EPI_ISL_450795, EPI_ISL_450796, EPI_ISL_450797, EPI_		
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EPI_ISL_451958	Jamil-ur-Rahman Center for Genome Research, Dr. Panjwani Center for Molecular Medicine and Drug Research, International Center for Chemical and Biological Sciences, University of Karachi	Jamil-ur-Rahman Center for Genome Research, Dr. Panjwani Center for Molecular Medicine and Drug Research, International Center for Chemical and Biological Sciences, University of Karachi	B.A.; I.A; Khan; Khan, S.; M.A.and Khan; Qureshi; Raza; S.A.; Shakeel, M.; Zahid, M.
EPI_ISL_763077, EPI_ISL_763086, EPI_ISL_763	087, EPI_ISL_763088, EPI_ISL_763089, EPI_ISL_763090, EPI_	_ISL763091	
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EPI_ISL_421237, EPI_ISL_421238, EPI_ISL_421 EPI_ISL_421256, EPI_ISL_421257, EPI_ISL_421	239, EPI_ISL_421240, EPI_ISL_421241, EPI_ISL_421242, EPI_ 258, EPI_ISL_421259, EPI_ISL_421260, EPI_ISL_421261, EPI_	ISL_421243, EPI_ISL_421244, EPI_ISL_421245, EPI_ISL_421 ISL_421262, EPI_ISL_455460, EPI_ISL_455461, EPI_ISL_455	246, EPI_ISL_421247, EPI_ISL_421248, EPI_ISL_421249, EPI_ISL_421250, EPI_ISL_421251, EPI_ISL_421252, EPI_ISL_421253, EPI_ISL_421254, i462, EPI_ISL_45466, EPI_ISL_455466, EPI_ISL_455467
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EPI_ISL_417420	Jiangxi province Center for Disease Control and Prevention	Jiangxi province Center for Disease Control and Prevention	Li jian Xiong
EPI_ISL_412459	Jingzhou Center for Disease Control and Prevention	Hubei Provincial Center for Disease Control and Prevention	Bin Fang; Bo Yang; Bo Yu; Chunlin Mao; Faxian Zhan; Guojun Ye; Jie Hu; Jing Li; Junqiang Xu; Kun Cai; Linlin Liu; Maoyi Chen; Xiang Li; Xiao Yu; Xixiang Huo; Yongzhong Jiang.
EPI_ISL_438224, EPI_ISL_438225, EPI_ISL_438 EPI_ISL_438247, EPI_ISL_457752, EPI_ISL_457 EPI_ISL_457783, EPI_ISL_457784, EPI_ISL_457	:226, EPI_ISL_438228, EPI_ISL_438229, EPI_ISL_438230, EPI_ :753, EPI_ISL_457754, EPI_ISL_457755, EPI_ISL_457756, EPI_ :785, EPI_ISL_457787, EPI_ISL_457788, EPI_ISL_457789, EPI_	.ISL_438231, EPI_ISL_438233, EPI_ISL_438234, EPI_ISL_438 .ISL_457757, EPI_ISL_457758, EPI_ISL_457760, EPI_ISL_457 .ISL_457790, EPI_ISL_457791, EPI_ISL_457792, EPI_ISL_457	.685, EPL ISL_434686, EPL ISL_434687, EPL ISL_434688, EPL ISL_434690, EPL ISL_434691, EPL ISL_438222, EPL ISL_438223, EPL ISL_438237, EPL ISL_438240, EPL ISL_438241, EPL ISL_438241, EPL ISL_438246, EPL ISL_438244, EPL ISL_438246, EPL ISL_438246, EPL ISL_457765, EPL ISL_457766, EPL ISL_457760, EPL ISL_457760, EPL ISL_457802, EPL ISL_457803, EPL ISL_457804, EPL ISL_
see above	Johns Hopkins Hospital Department of Pathology	Johns Hopkins Hospital Department of Pathology	Amanda Ernlund; Craig Howser; Heba H. Mostafa; Heba Mostafa; Kristina Zudock; Mark Hopkins; Melanie Kirsche; Michael C. Schatz; Michael Schatz; N. di_Trovao; Nidia Trovao; Norah Sadowski; Nidiá Trovao; Oluwaseun Falade-Nwulia; Oluwaseun Nwulia-Falade; Paul Morris; Peter M. Thielen; Shirlee Wohl; Srividya Ramakrishnan; Stuart C. Ray; Thomas Mehoke; Timothy Gilpatrick; Victoria Gniazdowski; Winston Timp; Yunfan Fan; _Amanda Ernlund;Oluwaseun Falade-Nwulia
EPI_ISL_436684, EPI_ISL_436686, EPI_ISL_455636, EPI_ISL_455639	KRISP, KZN Research Innovation and Sequencing Platform	KRISP, KZN Research Innovation and Sequencing Platform	Chimukangara B; Deforche K; Giandhari J; Lessells R; Pillay S; Tegally H; Wilkinson E; de Oliveira T
EPI_ISL_424867, EPI_ISL_452114	KS Health and Environmental Laboratories	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Alison S. Laufer Halpin; Anna Montmayeur; Anna Uehara; Christopher A. Elkins; Clinton R. Paden; Haibin Wang; Jing Zhang; Krista Queen; Mary S. Keckler; Rachel Marine; Suxiang Tong; Yan Li; Ying Tao; Zachary Weiner
EPIJSL_417427, EPIJSL_417428, EPIJSL_417 EPIJSL_418983, EPIJSL_418984, EPIJSL_418 EPIJSL_420326, EPIJSL_420327, EPIJSL_420 EPIJSL_420362, EPIJSL_420345, EPIJSL_420 EPIJSL_420362, EPIJSL_420381, EPIJSL_420 EPIJSL_420380, EPIJSL_420381, EPIJSL_420 EPIJSL_420416, EPIJSL_420417, EPIJSL_420	429, EPI_ISL_417430, EPI_ISL_418270, EPI_ISL_418792, EPI_ 995, EPI_ISL_418986, EPI_ISL_418987, EPI_ISL_418989, EPI_ 328, EPI_ISL_420329, EPI_ISL_420330, EPI_ISL_420331, EPI_ 346, EPI_ISL_420347, EPI_ISL_420348, EPI_ISL_420349, EPI_ 364, EPI_ISL_420365, EPI_ISL_420364, EPI_ISL_420367, EPI_ 382, EPI_ISL_420383, EPI_ISL_420384, EPI_ISL_420385, EPI_ 400, EPI_ISL_420401, EPI_ISL_420402, EPI_ISL_420423, EPI_ISL_420421, EPI_ 436, EPI_ISL_420417, EPI_ISL_420420, EPI_ISL_420421, EPI_ 436, EPI_ISL_420437, EPI_ISL_420438, EPI_ISL_420431, EPI_	ISL_418793, EPI_ISL_418794, EPI_ISL_418795, EPI_ISL_418 ISL_420314, EPI_ISL_420315, EPI_ISL_420315, EPI_ISL_420 ISL_420332, EPI_ISL_420333, EPI_ISL_420334, EPI_ISL_420 ISL_420350, EPI_ISL_420351, EPI_ISL_420352, EPI_ISL_420 ISL_420368, EPI_ISL_420369, EPI_ISL_420376, EPI_ISL_420 ISL_420404, EPI_ISL_420387, EPI_ISL_420368, EPI_ISL_420 ISL_420404, EPI_ISL_420405, EPI_ISL_420406, EPI_ISL_420 ISL_420422, EPI_ISL_420423, EPI_ISL_420424, EPI_ISL_420424, EPI_ISL_420424, EPI_ISL_420425, EPI_ISL_420424, EPI_ISL_420425, EPI_ISL_420424, EPI_ISL_420425, EPI_ISL_420424, EPI_ISL_420424, EPI_ISL_420425, EPI_ISL_420424, EPI_ISL_420424, EPI_ISL_420425, EPI_ISL_420425, EPI_ISL_420424, EPI_ISL_420424, EPI_ISL_420425, EPI_ISL_420424, EPI_ISL_420425, EPI_ISL_420424, EPI_ISL_420425, EPI_ISL_420424, EPI_ISL_420425, EPI_ISL_420424, EPI_ISL_420425, EPI_ISL_420424, EPI_ISL_420424, EPI_ISL_420424, EPI_ISL_420425, EPI_ISL_420424, EPI_ISL_420424, EPI_ISL_420425, EPI_ISL_420424, EPI_ISL_4204244, EPI_ISL_420424, EPI_ISL_420424, EPI_ISL_4	470, EPI_ISL_416471, EPI_ISL_416472, EPI_ISL_416475, EPI_ISL_416476, EPI_ISL_417422, EPI_ISL_417424, EPI_ISL_417425, EPI_ISL_417426, 4796, EPI_ISL_418981, EPI_ISL_418982, EPI_ISL_418981, EPI_ISL_418982, EPI_ISL_420318, EPI_ISL_420318, EPI_ISL_420324, EPI_ISL_420325, EPI_ISL_420334, EPI_ISL_420325, EPI_ISL_420341, EPI_ISL_420342, EPI_ISL_420343, 353, EPI_ISL_420335, EPI_ISL_420355, EPI_ISL_420355, EPI_ISL_420355, EPI_ISL_420365, EPI_ISL_420365, EPI_ISL_420365, EPI_ISL_420365, EPI_ISL_420365, EPI_ISL_420365, EPI_ISL_420365, EPI_ISL_420365, EPI_ISL_420366, EPI_ISL_420376, EPI_ISL_420376, EPI_ISL_420376, EPI_ISL_420376, EPI_ISL_420365, EPI_ISL_42036, EPI_ISL_42036, EPI_ISL_42036, EPI_ISL_420365, EPI_ISL_420465, EPI_ISL_420466, EPI_ISL_420447, EPI_ISL_420448, EPI_ISL_420449, EPI_ISL_420445, EPI_ISL_420445, EPI_ISL_420445, EPI_ISL_420446, EPI_ISL_420447, EPI_ISL_420448, EPI_ISL_420449, EPI_ISL_420445, EPI_ISL_4204451, EPI_ISL_420446, EPI_ISL_420446, EPI_ISL_420448, EPI_ISL_420448, EPI_ISL_420448, EPI_ISL_420448, EPI_ISL_420448, EPI_ISL_4204456, EPI_ISL_4204451, EPI_ISL_420448, EPI_ISL_4204446, EPI_ISL_420446, EPI_ISL_420448, EPI_ISL_420448, EPI_ISL_420448, EPI_ISL_420448, EPI_ISL_420448, EPI_ISL_4204456, EPI_ISL_4204451, EPI_ISL_420448, EPI_ISL_420
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EPI_ISL_458156, EPI_ISL_458157, EPI_ISL_458157, EPI_ISL_458160, EPI_ISL_458160, EPI_ISL_458161, EPI_ISL_458160, EPI_ISL_458163, EPI_ISL_458163, EPI_ISL_458166, EPI_ISL_458166, EPI_ISL_458166, EPI_ISL_458166, EPI_ISL_458166, EPI_ISL_458166, EPI_ISL_458166, EPI_ISL_458166, EPI_ISL_458166, EPI_ISL_458167, EPI_ISL_458177, EPI_ISL_458177, EPI_ISL_458177, EPI_ISL_458177, EPI_ISL_458177, EPI_ISL_458177, EPI_ISL_458187, EPI_ISL_458187				
see above	KU Leuven, Rega Institute, Clinical and Epidemiological Virology	KU Leuven, Rega Institute, Clinical and Epidemiological Virology	Bert Vanmechelen; Joan Marti-Carerras; Piet Maes; Tony Wawina-Bokalanga	
EPI_ISL_475137, EPI_ISL_475138	Kalmar klinisk mikrobiologi	The Public Health Agency of Sweden	Anna Risberg; Anna-Malin Linde; Karin Tegmark-Wisell; Maria Lind Karlberg; Mattias Haukland; Olov Svartstrom; Oskar Karlsson Lindsjo; Petra Edquist; Reza Advani; Sandra Broddesson; Shamam Muradrasoli	
EPI_ISL_690818, EPI_ISL_690819, EPI_ISL_6908	820, EPI_ISL_690821, EPI_ISL_690822, EPI_ISL_690823, EPI_	_ISL_690824, EPI_ISL_690825, EPI_ISL_690826		
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EPI_ISL_875675, EPI_ISL_875676, EPI_ISL_8756	677, EPI_ISL_875678, EPI_ISL_875679, EPI_ISL_875680, EPI_	_ISL_875681, EPI_ISL_875682, EPI_ISL_875683, EPI_ISL_875	684, EPI_ISL_883038, EPI_ISL_883039, EPI_ISL_883045, EPI_ISL_883048, EPI_ISL_883059, EPI_ISL_883060, EPI_ISL_883061	
see above	Kansas Health and Environmental Lab	Kansas Health and Environmental Lab	Ben Olsen; Carissa Robertson; Mike Grose; and Phil Adam	
EPI SL 454465, EPI SL 454466, EPI SL 4544 EPI ISL 454483, EPI SL 454484, EPI ISL 4544 EPI ISL 454875, EPI ISL 454876, EPI ISL 4544 EPI ISL 454893, EPI ISL 454894, EPI ISL 4546 EPI ISL 455854, EPI ISL 455855, EPI ISL 4556 EPI ISL 455872, EPI ISL 455873, EPI ISL 4556 EPI ISL 455890, EPI ISL 455891, EPI ISL 4556	467, EPI ISL 454468, EPI ISL 454469, EPI ISL 454470, EPI 485, EPI ISL 454486, EPI ISL 454487, EPI ISL 454488, EPI 877, EPI ISL 454878, EPI ISL 454879, EPI ISL 454880, EPI 895, EPI ISL 454896, EPI ISL 454897, EPI ISL 454898, EPI 856, EPI ISL 455857, EPI ISL 455858, EPI ISL 455859, EPI 874, EPI ISL 455875, EPI ISL 45587, EPI ISL 455877, EPI 892, EPI ISL 455893, EPI ISL 455894, EPI ISL 455895, EPI	ISL_454471, EPI SL_454472, EPI SL_454473, EPI SL_454 ISL_454489, EPI SL_454490, EPI SL_454491, EPI SL_454 ISL_454881, EPI SL_454882, EPI ISL_454883 ISL_454899, EPI SL_454900, EPI ISL_454901, EPI ISL_454 ISL_455860, EPI SL_455861, EPI ISL_455862, EPI ISL_455 ISL_455878, EPI ISL_455879, EPI ISL_455898, EPI ISL_455 ISL_455896, EPI ISL_455897, EPI ISL_455898, EPI SL_455	456, EPI_ISL_454457, EPI_ISL_454458, EPI_ISL_454459, EPI_ISL_454460, EPI_ISL_454461, EPI_ISL_454462, EPI_ISL_45463, EPI_ISL_454464, 474, EPI_ISL_454475, EPI_ISL_454475, EPI_ISL_454475, EPI_ISL_454475, EPI_ISL_454475, EPI_ISL_454745, EPI_ISL_45475, EPI_ISL_454745, EPI_ISL_45475, EPI_ISL_45475, EPI_ISL_45475, EPI_ISL_45475, EPI_ISL_45475, EPI_ISL_45475, EPI_ISL_45475, EPI_ISL_45475, EPI_ISL_45475, EPI_ISL_454875, EPI_ISL_455875, EPI_ISL_45587556, EPI_ISL_455875, EPI_ISL_4555875, EPI_ISL_455587, EPI_ISL_455875, EPI_ISL_455875, EPI_ISL_4555	
see above	Karolinska Universitetslaboratoriet	The Public Health Agency of Sweden	Anna Risberg; Anna-Malin Linde; Karin Tegmark-Wisell; Maria Lind Karlberg; Mattias Haukland; Olov Svartstrom; Oskar Karlsson Lindsjo; Petra Edquist; Reza Advani; Sandra Broddesson; Shamam Muradrasoli; Shaman Muradrasoli	
EPI_ISL_442044	Kawsar Human Genetic Research Center	Kawsar Human Genetic Research Center	Fatemeh Hosseini; Maryam Abbasalipour Bashash; Mohammad Ali Khosravi; Sirous Zeinali; Solmaz Sabeghi; Yeganeh Haghdoost; Yeganeh Keshvar	
EPI_ISL_438970, EPI_ISL_438972, EPI_ISL_915385	Keio University School of Medicine	Keio University School of Medicine	Haruhiko Siomi; Hirotsugu Ishizu; Kenjiro Kosaki; Kodai Abe; Yuka Iwasaki	
EPI_ISL_512811, EPI_ISL_512812	Kenema Government Hospital, Ministry of Health and Sanitation	Kenema Government Hospital, Ministry of Health and Sanitation	Andersen, K.; Garry, R.; Goba, A.; Grant, D.; Happi, C.; Jalloh, S.; Mehta, S.; Momoh, M.; Olawoye, I.; Oluniyi, P.; Park, D.; Sandi, J.; Siddle, K.; Tomkins-Tinch, C.	
EPLISL_965815, EPLISL_965816, EPLISL_965816, EPLISL_965817, EPLISL_965817, EPLISL_965819, EPLISL_965819, EPLISL_965820, EPLISL_965821, EPLISL_965822, EPLISL_965823, EPLISL_965824, EPLISL_965825, EPLISL_965828, EPLISL_965828, EPLISL_965829, EPLISL_965830, EPLISL_965831, EPLISL_965831, EPLISL_965832, EPLISL_965831, EPLISL				
see above	Kentucky State Public Health Lab	Kentucky State Public Health Lab	Joshua Tobias; Karim George; Matthew Johnson; Rachel Zinner; Rhonda Lucas; Stephanie Lunn; Vaneet Arora; William Grooms	
EPI_ISL_414510	Key Laboratory of Medical Molecular Virology (MOE/NHC/CAMS), School of Basic Medicine, Shanghai Medical College, Fudan University	Key Laboratory of Medical Molecular Virology (MOE/NHC/CAMS), School of Basic Medicine, Shanghai Medical College, Fudan University	Cai, X.; Chen, H.; Fang, F.; Feng, F.; Fu, C.; Gu, C.; Han, W.; Li, C.; Qu, D.; Song, W.; Sun, Z.; Teng, Z.; Wang, Y.; Xie; Xu, W.; Y. and Yuan, Z.; Ye, R.; Yi, Z.; Zhang, R.; Zhang, X.; Zhou, Y.; Zhu, Y.	
EPI_ISL_489996, EPI_ISL_489997, EPI_ISL_489997, EPI_ISL_489998, EPI_ISL_489999, EPI_ISL_490000, EPI_ISL_490001, EPI_ISL_490001, EPI_ISL_490010, EPI_ISL_490010				
see above	King Fahad Medical City	King Fahad Medical City	Alghoraibi, M.; Alosaimi, B.; Enani, M.; Naeem, A.	

see above King Fahad Medical City King Fahad Medical City Alghoraibi, M.; Alosaimi, B.; Enani, M.; Naeem, A.

EPL ISL_516946, EPL ISL_516948, King Georges Medical University CSIR-National Botanical Research Institute Amita Jain; Babita Singh; Danish Nasar Khan; Hricha Mishra; Kishan Sahu; MLB Bhatt; Mehar H.Asif; Om Prakash; Priti Prasad; SK Barik; Samir V.

EPL ISL_516969, EPL ISL_516969, EPL ISL_516974

EPU ISL_516969, EPU ISL_516974

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EPI_ISL_483542, EPI_ISL_483543, EPI_ISL_483544, EPI_ISL_483545, EPI_ISL_483546, EPI_ISL_483546, EPI_ISL_483547, EPI_ISL_483548, EPI_ISL_483549, EPI_ISL_483550, EPI_ISL_483550, EPI_ISL_483551, EPI_ISL_483552, EPI_ISL_483553, EPI_ISL_483554

see above Kingdom of Bahrein Ministry of Health Erasmus Medical Center Amjad Ghanem Mohamed; Anne van der Linder; Bas Oude Munnink; Claudia Schapendonk; Dawid Nieuwend Mulise; Ebrahim Shehad; Fatema; Hashmeya
Al Wasti; Irina Chestakova; Mario Koopmans; Mark Pronk; Pascal Lexmond; Reina Sikkemad Nieuwend Mulise; Ebrahim Shehad; Fatema; Hashmeya
Al Wasti; Irina Chestakova; Mario Koopmans; Mark Pronk; Pascal Lexmond; Reina Sikkemad Nieuwend Mulise; Ebrahim Shehad; Fatema; Hashmeya
Al Wasti; Irina Chestakova; Mario Koopmans; Mark Pronk; Pascal Lexmond; Reina Sikkemad Nieuwend Mulise; Ebrahim Shehad; Fatema; Hashmeya
Al Wasti; Irina Chestakova; Mario Koopmans; Mark Pronk; Pascal Lexmond; Reina Sikkemad Nieuwend Mulise; Ebrahim Shehad; Fatema; Hashmeya
Al Wasti; Irina Chestakova; Mario Koopmans; Mark Pronk; Pascal Lexmond; Reina Sikkemad Nieuwend Mulise; Ebrahim Shehad; Fatema; Hashmeya
Al Wasti; Irina Chestakova; Mario Koopmans; Mark Pronk; Pascal Lexmond; Reina Sikkemad Nieuwend Mulise; Ebrahim Shehad; Fatema; Hashmeya
Al Wasti; Irina Chestakova; Mario Koopmans; Mark Pronk; Pascal Lexmond; Reina Sikkemad Nieuwend N

EPI_ISL_459866, EPI_ISL_459867, EPI_ISL_459867, EPI_ISL_459868, EPI_ISL_459869, EPI_ISL_459871, EPI_ISL_459874, EPI_ISL_459875, EPI_ISL_459875, EPI_ISL_459879, EPI_ISL_459881, EPI_ISL_459881, EPI_ISL_459882, EPI_ISL_459883, EPI_ISL_459885, EPI_ISL_459886, EPI_ISL_459887, EPI_ISL_459887, EPI_ISL_459889, EPI_ISL_459889

see above Kingston Health Sciences Center Queen's Genomics Lab at Ongwanada (Q-GLO) Ayub M; Colautti R; Evans GA; Guan H; Huang D; Hudson ML; Perez-Patrigeon S; Rustom N; Sheth P; Sjaarda CP; Soares CN; Wong H EPI ISL 538321. EPI ISL 538322. EPI ISL 538322. EPI ISL 538323. EPI ISL 538323. EPI ISL 538332. EPI ISL 538333. EPI ISL 5383

see above Kingston Health Sciences Centre / Queen's University Ontario Institute for Cancer Research Bernard Lam; Calvin Sjaarda; Ilinca Lungu; Jared T. Simpson; Katya Douchant; Lawrence E Heisler; Michael Laszloffy; Paul Krzyzanowski; Prameet M. Sheth; Richard de Borja; Robert Colautil

EPI_ISL_479990 Kitakyushu City Institute of Health and Environmental Sciences

Pathogen Genomics Center, National Institute of Infectious Asuka Kikuchi Kentaro Itokawa; Hajime Kamiya; Katsuya Obata; Makoto Kuroda; Masanori Hashino; Motoi Suzuki; Rina Tanaka; Tsuyoshi Sekizuka Sciences

Niseases

EPI_ISL_413021 Klinik Hirslanden Zurich Institute of Medical Virology, University of Zurich Alexandra Trkola; Andrea Zbinden; Christian Ruef; Fiona Steiner; Gabriela Ziltener; Jon Huder; Jürg Böni; Maryam Zaheri; Michael Huber; Patrick Redli; Riccarda Capaul; Stefan Schmutz; Verena Kufner

EPI_ISL_524479 Klinik Hirslanden Zürich Institute of Medical Virology, University of Zurich Alexandra Trkola; Andrea Zbinden; Fiona Steiner; Gabriela Ziltener; Jon Huder; Jürg Böni; Maryam Zaheri; Michael Huber; Patrick Redli; Riccarda Capaul; Stefan Schmutz; Verena Kufner

EPI_ISL_475910, EPI_ISL_475911, Klinikum Wels-Grieskirchen Bergthaler Jaboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences EPI_ISL_475912, EPI_ISL_475914 Sept. Address Bergthaler; Benedikt Agerer; Christoph Bock; Daniela Schmid; Dorothee von Laer; Elisabeth Medicine of the Austrian Academy of Sciences Medicine of the Austrian Academy of Sciences FILISL_475914 Alexandra Popa; Andreas Bergthaler; Benedikt Agerer; Christoph Bock; Daniela Schmid; Dorothee von Laer; Elisabeth Puchhammer-Stoeckl; Franz Allerberger; Gregor Hörmann; Guenter Weiss; Henrique Colaco; Jakob-Wendelin Genger; Jan Laine; Judith Aberle; Kinga Righer-Hohenwarter; Lukas Endler; Manfred Nairz; Mark Smehockuster; Peter Hufnagl; Rainer Gattringer; Stephan Aberle; Thomas Penz; Wegene Borena

EPI_ISL_475101, EPI_ISL_475102, EPI_ISL_475103, EPI_ISL_475104, EPI_ISL_476140, EPI_ISL_476141, EPI_ISL_476142

Klinisk Mikrobiologi

see above

Reza Advani; Sandra Broddesson; Shamam Muradrasoli

 $EPI_ISL_429136, EPI_ISL_429137, EPI_ISL_429148, EPI_ISL_429148, EPI_ISL_429148, EPI_ISL_429150, EPI_ISL_429151, EPI_ISL_429$

The Public Health Agency of Sweden

see above Klinisk mikrobiologi Orebro The Public Health Agency of Sweden Anna Risberg; Anna-Malin Linde; Karin Tegmark-Wisell; Maria Lind Karlberg; Martin Sundqvist; Olov Svartstrom; Oskar Karlsson Lindsjo; Shaman

Anna Risberg; Anna-Malin Linde; Karin Tegmark-Wisell; Maria Lind Karlberg; Mattias Haukland; Olov Svartstrom; Oskar Karlsson Lindsjo; Petra Edquist;

EPI_ISL_475144, EPI_ISL_475145, EPI_ISL_475146, EPI_ISL_475147, EPI_ISL_510818	Klinisk mikrobiologi Vasternorrland	The Public Health Agency of Sweden	Anna Risberg; Anna-Malin Linde; Karin Tegmark-Wisell; Maria Lind Karlberg; Mattias Haukland; Mia Brytting; Olov Svartstrom; Oskar Karlsson Lindsjo; Petra Edquist; Reza Advani; Sandra Broddesson; Shamam Muradrasoli
EPI_ISL_429115, EPI_ISL_429116, EPI_ISL_429 EPI_ISL_430855, EPI_ISL_450834	117, EPI_ISL_429118, EPI_ISL_429119, EPI_ISL_429120, EPI_	ISL_429121, EPI_ISL_429122, EPI_ISL_429123, EPI_ISL_429	124, EPLISL_429125, EPLISL_430848, EPLISL_430849, EPLISL_430850, EPLISL_430851, EPLISL_430852, EPLISL_430853, EPLISL_430854,
see above	Klinisk mikrobiologi och vardhygien Halmstad	The Public Health Agency of Sweden	Anna Risberg; Anna-Malin Linde; Arne Kotz; Karin Tegmark-Wisell; Maria Lind Karlberg; Mia Brytting; Olov Svartstrom; Oskar Karlsson Lindsjo; Shaman Muradrasoli; Theresa Enkirch
EPI_ISL_424703, EPI_ISL_428148, EPI_ISL_428201, EPI_ISL_549024, EPI_ISL_549176	Klinisk mikrobiologi, Region Västerbotten	Unit for Biological Agents, Department for CBRN Defence and Security, Swedish Defence Research Agency	FOI Bioinformatics team; FOI bioinformatics team
EPI_ISL_454903, EPI_ISL_455904, EPI_ISL_455905, EPI_ISL_455906, EPI_ISL_455907	Klinisk mikrobiologi, UAS	The Public Health Agency of Sweden	Anna Risberg; Anna-Malin Linde; Karin Tegmark-Wisell; Maria Lind Karlberg; Mattias Haukland; Olov Svartstrom; Oskar Karlsson Lindsjo; Petra Edquist; Reza Advani; Shamam Muradrasoli
EPI_ISL_913323, EPI_ISL_934322	Klinisk mikrobiologi, Viruslab	The Public Health Agency of Sweden	Anna Risberg; Anna-Malin Linde; Carlo Berg; Karin Tegmark-Wisell; Maria Lind Karlberg; Mattias Haukland; Mia Brytting; Noura Walai; Oskar Karlsson Lindsjo; Petra Edquist; Petra Holmstrom; Reza Advani; Sofia Stamouli
EPI_ISL_660384, EPI_ISL_660385, EPI_ISL_660	386, EPI_ISL_660387, EPI_ISL_660388, EPI_ISL_660389, EPI_	.ISL_660390, EPI_ISL_660391, EPI_ISL_660392, EPI_ISL_660	393, EPI_ISL_660394, EPI_ISL_660395, EPI_ISL_660396
see above	Klinsisk mikrobiologi Linkoping	The Public Health Agency of Sweden	Anna Risberg; Anna-Malin Linde; Karin Tegmark-Wisell; Maria Lind Karlberg; Mattias Haukland; Mia Brytting; Olov Svartstrom; Oskar Karlsson Lindsjo; Petra Edquist; Reza Advani; Sandra Broddesson
EPI_ISL_479823	Kochi Prefectural Institute of Public Health	Pathogen Genomics Center, National Institute of Infectious Diseases	Akihiko Tokaji; Hajime Kamiya; Kentaro Itokawa; Makoto Kuroda; Masanori Hashino; Motoi Suzuki; Rina Tanaka; Tsuyoshi Sekizuka
EPI_ISL_407193	Korea Centers for Disease Control & Prevention (KCDC) Center for Laboratory Control of Infectious Diseases Division of Viral Diseases	Korea Centers for Disease Control & Prevention (KCDC) Center for Laboratory Control of Infectious Diseases Division of Viral Diseases	Heui Man Kim; Hye-Joon Jo; Jeong-Min Kim; Mi-Seon Kim; Myung Guk Han; Namjoo Lee; SangHee Woo; Sehee Park; Yoon-Seok Chung
EPI_ISL_480103, EPI_ISL_480104, EPI_ISL_480105, EPI_ISL_480106, EPI_ISL_480107, EPI_ISL_480108	Koshigaya City Public Health Center	Pathogen Genomics Center, National Institute of Infectious Diseases	Aya Tamura; Hajime Kamiya; Kentaro Itokawa; Kyohei Sakata; Makoto Kuroda; Masanori Hashino; Motoi Suzuki; Rina Tanaka; Takumi Daimon; Tsuyoshi Sekizuka; Yoko Togawa; Yoshiko Hamada; Yuka Furui
EPI_ISL_434651	Krokoms Halsocentral	The Public Health Agency of Sweden	Anna Risberg; Anna-Malin Linde; Karin Tegmark-Wisell; Maria Lind Karlberg; Martin Ersson; Mia Brytting; Olov Svartstrom; Oskar Karlsson Lindsjo; Theresa Enkirch
EPI_ISL_479991, EPI_ISL_479992, EPI_ISL_479993, EPI_ISL_479994, EPI_ISL_479995, EPI_ISL_479996	Kumamoto City Public Health Research Institute	Pathogen Genomics Center, National Institute of Infectious Diseases	Hajime Kamiya; Kaori Tashiro; Kentaro Itokawa; Makoto Kuroda; Masanori Hashino; Motoi Suzuki; Rina Tanaka; Tsuyoshi Sekizuka
EPI_ISL_479824	Kumamoto PrefecturalInstituteof Public-Health and Environmental Science	Pathogen Genomics Center, National Institute of Infectious Diseases	Hajime Kamiya; Kentaro Itokawa; Makoto Kuroda; Masanori Hashino; Motoi Suzuki; Rina Tanaka; Shunsuke Yahiro; Tsuyoshi Sekizuka
EPI_ISL_515181, EPI_ISL_515182, EPI_ISL_515183	Kumasi Centre for Collaborative Research in Tropical Medicine, Kumasi.	Institute of Virology, Charité - Universitätsmedizin Berlin	Augustina Sylverken; Christian Drosten; Eric Adu; Jesse Addo Asamoah; Julia Schneider; Jörn Beheim-Schwarzbach; Michael Owusu; Phillip El-Duah; Richard Phillips.; Richmond Gorman; Richmond Yeboah; Sherihane Aryeetey; Victor Max Corman
EPI_ISL_434644, EPI_ISL_450809	Kungsholmsdoktorn	The Public Health Agency of Sweden	Anna Risberg; Anna-Malin Linde; Karin Tegmark-Wisell; Linus Hammar; Maria Lind Karlberg; Mia Brytting; Olov Svartstrom; Oskar Karlsson Lindsjo; Theresa Enkirch
EPI_ISL_420039, EPI_ISL_420040	L'Air du Temps	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Angela Brisebarre; Etienne Simon-Lorière; Flora Donati; Marion Barbet; Maud Vanpeene; Mélanie Albert; Méline Bizard; Sylvie Behillil; Sylvie van der Werf; Vincent Enouf
EPI_ISL_424868, EPI_ISL_452106, EPI_ISL_452107	LA Office of Public Health Laboratories	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Alison S. Laufer Halpin; Anna Montmayeur; Anna Uehara; Christopher A. Elkins; Clinton R. Paden; Haibin Wang; Jing Zhang; Krista Queen; Mary S. Keckler; Rachel Marine; Suxiang Tong; Yan Li; Ying Tao; Zachary Weiner
EPI_ISL_416499, EPI_ISL_416500, EPI_ISL_418234, EPI_ISL_418240	LABM GH nord Essonne	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Angela Brisebarre; Christine Lambert; Etienne Simon-Lorière; Flora Donati; Marion Barbet; Maud Vanpeene; Mélanie Albert; Méline Bizard; Mélnie Albert; Sylvie Behillil; Sylvie van der Werf; Vincent Enouf

EPI_ISL_420039, EPI_ISL_420040	L'Air du Temps	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Angela Brisebarre; Etienne Simon-Lorière; Flora Donati; Marion Barbet; Maud Vanpeene; Mélanie Albert; Méline Bizard; Sylvie Behillil; Sylvie van der Werf; Vincent Enouf
EPI_ISL_424868, EPI_ISL_452106, EPI_ISL_452107	LA Office of Public Health Laboratories	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Alison S. Laufer Halpin; Anna Montmayeur; Anna Uehara; Christopher A. Elkins; Clinton R. Paden; Haibin Wang; Jing Zhang; Krista Queen; Mary S. Keckler; Rachel Marine; Suxiang Tong; Yan Li; Ying Tao; Zachary Weiner
EPI_ISL_416499, EPI_ISL_416500, EPI_ISL_418234, EPI_ISL_418240	LABM GH nord Essonne	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Angela Brisebarre; Christine Lambert; Etienne Simon-Lorière; Flora Donati; Marion Barbet; Maud Vanpeene; Mélanie Albert; Méline Bizard; Mélnie Albert; Sylvie Behillil; Sylvie van der Werf; Vincent Enouf
EPI_ISL_428354, EPI_ISL_428361, EPI_ISL_428365	LABM GH nord Essonne de Longjumeau - BP 125	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Angela Brisebarre; Etienne Simon-Lorière; Flora Donati; Marion Barbet; Maud Vanpeene; Mélanie Albert; Méline Bizard; Sylvie Behillili; Sylvie van der Werf; Vincent Enouf
EPI_ISL_1359983	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_445271	LABORATORIO CLINICA CHILLAN	Instituto de Salud Publica de Chile	Alejandra Acevedo; Andrés E Castillo; Bárbara Parra; Carolina Tambley; Gabriel Leal; Jaime Lagos; Jorge Fernandez; Loredana Arata; Patricia Bustos; Paz Tapia; Rodrigo Fasce; Winston Andrade
EPI_ISL_445333	LABORATORIO CLINICA UNIVERSITARIA DE CONCEPCION	Instituto de Salud Publica de Chile	Alejandra Acevedo; Andrés E Castillo; Bárbara Parra; Carolina Tambley; Gabriel Leal; Jaime Lagos; Jorge Fernandez; Loredana Arata; Patricia Bustos; Paz Tapia; Rodrigo Fasce; Winston Andrade
EPI_ISL_445279	LABORATORIO INMUNOLAB SPA	Instituto de Salud Publica de Chile	Alejandra Acevedo; Andrés E Castillo; Bárbara Parra; Carolina Tambley; Gabriel Leal; Jaime Lagos; Jorge Fernandez; Loredana Arata; Patricia Bustos; Paz Tapia; Rodrigo Fasce; Winston Andrade
EPI_ISL_445273, EPI_ISL_445274,	LABORATORIO TORRE MEDICA LTDA.	Instituto de Salud Publica de Chile	Alejandra Acevedo; Andrés E Castillo; Bárbara Parra; Carolina Tambley; Gabriel Leal; Jaime Lagos; Jorge Fernandez; Loredana Arata; Patricia Bustos;

Paz Tapia; Rodrigo Fasce; Winston Andrade

Caio Vinicius Dias Lopes; Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valessa Ramos Gomes; Karoline Rodrigues Campos

EPI ISL 861869 EPI ISL 861874 EPI ISL 861879 EPI ISL 861890 EPI ISL 861893 EPI ISL 861900 EPI ISL 861902 EPI ISL 861907 EPI ISL 861917 EPI ISL 861913 EPI ISL 861915

LACEN do Mato Grosso do Sul

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EPI_ISL_1139065, EPI_ISL_1139066, EPI_ISL_1139067, EPI_ISL_1139068,

EPI_ISL_1201883

			* (-) -: (-) (-) (-) -: (-)	
see above	LATE - Laboratório de Técnicas Especiais - Hospital Israelita Albert Einstein	LATE - Laboratório de Técnicas Especiais - Hospital Israelita Albert Einstein	Ana Paula Moreira Salles; Deyvid Amgarten; Fernanda de Mello Malta; João Renato Rebello Pinho; Pedro Henrique Sebe Rodrigues; Raquel Riyuzo	
EPI_ISL_469049, EPI_ISL_469052, EPI_ISL_469053	LNR National Reference Laboratory, Mohammed VI University of Health Sciences	Medical Biotechnology Laboratory, Rabat Medical and Pharmacy School, Mohammed The Vth University in Rabat	Chakib NEJJARI; Houda BENRAHMA; Idrissa Diawara; Imane SMYEJ; Jalii El Atar; Jaliia RAHOUI; Lahcen BELYAMANI and Azeddine (BRAHIMI; Laila SBABOU; Loubna ALLAM; M.W. CHEMAO-ELFIHRI; Meriem LAAMARTI; Mouna OUADGHIRI; Rachid EL JAOUDI; Rachid MENTAG; Rokaia LAAMRTI; Saaid AMZAZI; Souad KARTTI	
EPLISL_455980, EPLISL_455981, EPLISL_455982, EPLISL_455982, EPLISL_455983, EPI_ISL_455983, EPI_ISL_455984, EPLISL_455986, EPI_ISL_455986, EPLISL_455987, EPLISL_455988, EPLISL_455980, EPLISL_455990, EPLISL_455992, EPLISL_455993				
see above	LSUHS Emerging Viral Threat Laboratory	Microbial Genome Sequencing Center	Abida Siddiqa; Adam Greer; Andrew D. Yurochko; Byeong-Jae Lee; Camille F. Abshire; Chan-ki Min; Christopher G. Kevil; Daniel J. Snyder; Edna Ondari; Jason M. Bodily; Jeremy P. Kamil; John A. Vanchiere; Katarzyna Zwolinska; Malgorzata Bienkowska-Haba; Martin J. Sapp; Md Maksudul Alam; Michelle	

Instituto Adolfo Lutz, Interdiciplinary Procedures Center,

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see above	Laboratoire de santé publique du Québec	Laboratoire de santé publique du Québec	Guillaume Bourque; loannis Ragoussis; Jesse Shapiro; Mark Lathrop and Michel Roger on behalf of the CoVSeQ research group; Mark Lathrop and Michel Roger on behalf of the CoVSeQ research group (http://covseq.ca/researchgroup); Sandrine Moreira
EPI_ISL_634818, EPI_ISL_700349	Laboratoire de virologie, CHU de Grenoble - CS 10217 - 38043 Grenoble cedex 10	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal; Bruno Lina; Gregory Destras; Gwendolyne Burfin; Hadrien Règue; Laurence Josset; Martine Valette; Quentin Semanas; Sylvie Larrat
EPI_ISL_634819, EPI_ISL_700350	Laboratoire de virologie, CHU de Grenoble - CS 10217 - 38043 Grenoble cedex 11	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal; Bruno Lina; Gregory Destras; Gwendolyne Burfin; Hadrien Règue; Laurence Josset; Martine Valette; Quentin Semanas; Sylvie Larrat
EPI_ISL_634820	Laboratoire de virologie, CHU de Grenoble - CS 10217 - 38043 Grenoble cedex 12	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal; Bruno Lina; Gregory Destras; Gwendolyne Burfin; Hadrien Règue; Laurence Josset; Martine Valette; Quentin Semanas; Sylvie Larrat
EPI_ISL_634821	Laboratoire de virologie, CHU de Grenoble - CS 10217 - 38043 Grenoble cedex 13	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal; Bruno Lina; Gregory Destras; Gwendolyne Burfin; Hadrien Règue; Laurence Josset; Martine Valette; Quentin Semanas; Sylvie Larrat
EPI_ISL_634822	Laboratoire de virologie, CHU de Grenoble - CS 10217 - 38043 Grenoble cedex 14	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal; Bruno Lina; Gregory Destras; Gwendolyne Burfin; Hadrien Règue; Laurence Josset; Martine Valette; Quentin Semanas; Sylvie Larrat
EPI_ISL_634823	Laboratoire de virologie, CHU de Grenoble - CS 10217 - 38043 Grenoble cedex 15	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal; Bruno Lina; Gregory Destras; Gwendolyne Burfin; Hadrien Règue; Laurence Josset; Martine Valette; Quentin Semanas; Sylvie Larrat
EPI_ISL_700359	Laboratoire de virologie, CHU de Grenoble - CS 10217 - 38043 Grenoble cedex 20	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal; Bruno Lina; Gregory Destras; Gwendolyne Burfin; Hadrien Règue; Laurence Josset; Martine Valette; Quentin Semanas; Sylvie Larrat
EPI_ISL_700360	Laboratoire de virologie, CHU de Grenoble - CS 10217 - 38043 Grenoble cedex 21	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal; Bruno Lina; Gregory Destras; Gwendolyne Burfin; Hadrien Règue; Laurence Josset; Martine Valette; Quentin Semanas; Sylvie Larrat
EPI_ISL_700361	Laboratoire de virologie, CHU de Grenoble - CS 10217 - 38043 Grenoble cedex 22	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal; Bruno Lina; Gregory Destras; Gwendolyne Burfin; Hadrien Règue; Laurence Josset; Martine Valette; Quentin Semanas; Sylvie Larrat
EPI_ISL_634833	Laboratoire de virologie, CHU de Grenoble - CS 10217 - 38043 Grenoble cedex 25	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal; Bruno Lina; Gregory Destras; Gwendolyne Burfin; Hadrien Règue; Laurence Josset; Martine Valette; Quentin Semanas; Sylvie Larrat
EPI_ISL_634834	Laboratoire de virologie, CHU de Grenoble - CS 10217 - 38043 Grenoble cedex 26	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal; Bruno Lina; Gregory Destras; Gwendolyne Burfin; Hadrien Règue; Laurence Josset; Martine Valette; Quentin Semanas; Sylvie Larrat
EPI_ISL_634835	Laboratoire de virologie, CHU de Grenoble - CS 10217 - 38043 Grenoble cedex 27	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal; Bruno Lina; Gregory Destras; Gwendolyne Burfin; Hadrien Règue; Laurence Josset; Martine Valette; Quentin Semanas; Sylvie Larrat
EPI_ISL_634817, EPI_ISL_700348	Laboratoire de virologie, CHU de Grenoble - CS 10217 - 38043 Grenoble cedex 9	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal; Bruno Lina; Gregory Destras; Gwendolyne Burfin; Hadrien Règue; Laurence Josset; Martine Valette; Quentin Semanas; Sylvie Larrat
EPI_ISL_476822, EPI_ISL_476824	Laboratoire des Fièvres Hémorragiques Virales du Benin	Charité-Universitätsmedizin Berlin	Anges; Drexler; Jan Felix; Moreira-Soto Andres; Sander Anna-Lena; Yadouleton
	9083, EPI_ISL_629084, EPI_ISL_629085, EPI_ISL_629086, EPI 6662, EPI_ISL_666664, EPI_ISL_683331, EPI_ISL_683332	_ISL_629088, EPI_ISL_629089, EPI_ISL_629090, EPI_ISL_6290	91, EPI_ISL_629092, EPI_ISL_629093, EPI_ISL_629094, EPI_ISL_629095, EPI_ISL_666654, EPI_ISL_666656, EPI_ISL_666657, EPI_ISL_666659,
see above	Laboratoire du Centre Hospitalier Annecy Genevois	CNR Virus des Infections Respiratoires - France SUD	Antonin Bal; Bruno Chanzy; Bruno Lina; Gregory Destras; Gwendolyne Burfin; Hadrien Règue; Hélène Petitprez; Laurence Josset; Martine Valette; Quentin Semanas
EPI_ISL_739897, EPI_ISL_740199, EPI_ISL_740	0242, EPI_ISL_740405, EPI_ISL_740444, EPI_ISL_740510, EPI	_ISL_744233, EPI_ISL_744478, EPI_ISL_744723, EPI_ISL_7448	43, EPLISL_745011
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EPI_ISL_429129, EPI_ISL_429130, EPI_ISL_429	9131, EPI_ISL_429132, EPI_ISL_429133, EPI_ISL_429134, EPI	_ISL_430856, EPI_ISL_430857, EPI_ISL_434641, EPI_ISL_4346	42
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EPI_ISL_637108	Laboratorio Biologia Molecolare Sars Cov2 - UOC Laboratorio Analisi - Servizio Medicina di Laboratorio, Ospedale "San Francesco" - ATS-ASSL Nuoro	Laboratorio specialistico UOC Ematologia - Ospedale "San Francesco" - ATS-ASSL Nuoro	Asproni Rosanna; Casu Gavino; Fancello Tatiana; Fiamma Maura; Floris Anna Rita; Lo Maglio Iana; Mameli Giuseppe; Monne Maria Itria; Palmas Angelo Domenico; Piras Giovanna; Sanna Filomena; Sulis Vincenzo; Toja Alessandro
EPI_ISL_792478, EPI_ISL_792482, EPI_ISL_792484	Laboratorio Central Mg. Luis Alfredo Pianciola	Hospital Regional Ushuaia - Centro Austral De Investigaciones Científicas - Universidad Nacional De Tierra Del Fuego on behalf of 'Proyecto Argentino Interinstitucional de genomica de SARS-CoV-2' (PAIS Consortium)	C; CF; Ceballos; F; Gallego; Gramundi; ID; M; MC; Mazzeo; Nardi; Pianciola, L.; Pinto; SG; Ziehm
EPI_ISL_1301620, EPI_ISL_1301621, EPI_ISL_1301622	Laboratorio Central de Epidemiología IMSS	Instituto de Biotecnología de la UNAM	Alejandra Hernández-Terán; Alejandro Sanchez-Flores; Alma Rincón-Rubio; Andrea Santos Coy-Arechavaleta; Authors from IBT; Blanca Taboada; Celia Boukadida; Clara Esperanza Santacruz-Tinoco; Edgar Mendieta-Condado; Eduardo Becerril-Vargas; Fidencio Mejia-Nepomuceno; Francisco Pulido; Gisela Barrera-Badillo; Gloria Vazquez; Hector Esteban Paz-Juárez; IMSS; InDRE and INER (in alphabetical order): Carlos F. Arias; Irma Lopez-Martinez; Jerome Jean Verleyen; Joel Armando Vázquez-Pérez; Jorge Salas-Hernández; José Arturo Martinez-Orozco; José Ernesto Ramírez-González; José Esteban Muñoz-Medina; Larissa Fernandes-Matano; Lucia Hernandez-Rivas; Luis Alberto Ochoa-Carrera; Margarita Matías-Florentino; Mario Marios-Sachez; Natividad Cinz. Ordiz: Payad Ilea Plicardo, Grande: Santiago Mylla-Plics; Tatiana Murac-Garria: Teresta Polas-Mendoza

EPI_ISL_1181609, EPI_ISL_1181610, EPI_ISL_1181614, EPI_ISL_1181615, EPI_ISL_1181616, EPI_ISL_1181617, EPI_ISL_1181618, EPI_ISL_1181619

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Mújica-Sánchez; Natividad Cruz-Ortiz; Pavel Isa; Ricardo Grande; Santiago Ávila-Ríos; Tatiana Nunez-Garcia; Teresita Rojas-Mendoza

EPI_ISL_792528, EPI_ISL_792531, EPI_ISL_792532, EPI_ISL_792535		'Proyecto Argentino Interinstitucional de genomica de SARS-CoV-2' (PAIS Consortium)	
EPI_ISL_424667	Laboratorio Estatal de Salud Publica del Estado de México	Instituto de Diagnóstico y Referencia Epidemiológicos	Adnan Araiza Rodríguez; Alejandro Sánchez; Alfredo Ponce de León Garduño; Blanca Taboada; Carlos F. Arias.; Carolina González Torres; Celia Boukadida; Cesar Raúl González Bonilla; Concepción Grajales Muñiz; Edgar Mendieta Condado; Eduardo Becerril Vargas; Fabiola Garcés Ayala; Fernando Ledesma Barrientos; Francisco Javier Gaytán Cervantes; Francisco Pulido; Gisela Barrera Badillo; Gloria Vázquez; Guillermo M. Ruiz-Palacios; Irma López Martínez; Joel Armando Vázquez Pérez; José Arturo Martínez Orozco; José Ernesto Ramírez González; José Esteban Muñoz Medina; Lucia Hernández Rivas; Luis Alberto García Andrade; Mario Mújica Sánchez; Pavel Isa; Pilar Ramos Cervantes; Ricardo Grande; Santiago Avila Ríos; Victor Hugo Borja Aburto; Violeta Ibarra Gonzalez
EPI_ISL_424672	Laboratorio Estatal de Salud Publica del Estado de Puebla	Instituto de Diagnostico y Referencia Epidemiologicos	Adnan Araiza Rodríguez; Alejandro Sánchez; Alfredo Ponce de León Garduño; Blanca Taboada; Carlos F. Arias; Carolina González Torres; Celia Boukadida; Cesar Raúl González Bonilla; Concepción Grajales Muñiz; Edgar Mendieta Condado; Eduardo Becernil Vargas; Fabiola Garcés Ayala; Fernando Ledesma Barrientos; Francisco Javier Gaytán Cervantes; Francisco Pulido; Gisela Barrera Badillo; Gloría Vázquez; Guillermo M. Ruiz-Palacios; Irma López Martínez; Joel Armando Vázquez Pérez; José Arturo Martínez Orozco; José Ernesto Ramírez González; José Esteban Muñoz Medina; Lucia Hernández Rivas; Luis Alberto García Andrade; Mario Mújica Sánchez; Pavel Isa; Pilar Ramos Cervantes; Ricardo Grande; Santiago Avila Ríos; Victor Hugo Borja Aburto; Violeta Ibarra Gonzalez
EPI_ISL_424670	Laboratorio Estatal de Salud Publica del Estado de Queretaro	Instituto de Diagnóstico y Referencia Epidemiologicos	Adnan Araiza Rodríguez; Alejandro Sánchez; Alfredo Ponce de León Garduño; Blanca Taboada; Carlos F. Arias; Carolina González Torres; Celia Boukadida; Cesar Raúl González Bonilla; Concepción Grajales Muñiz; Edgar Mendieta Condado; Eduardo Becerril Vargas; Fabiola Garcés Ayala; Fernando Ledesma Barrientos; Francisco Javier Gayán Cervantes; Francisco Pulido; Gisela Prarrera Badillo; Gloria Vázquez; Guillermo M. Ruiz-Palacios; Irma López Martínez; Joel Armando Vázquez Pérez; José Arturo Martínez Orozco; José Ernesto Ramírez González; José Esteban Muñoz Medina; Lucia Hernández Rivas; Luis Alberto García Andrade; Mario Mújica Sánchez; Pavel Isa; Pilar Ramos Cervantes; Ricardo Grande; Santiago Avila Ríos; Victor Hugo Borja Aburto; Violeta Ibarra González
EPI_ISL_861628	Laboratorio Municipal de Guarulhos	Instituto Adolfo Lutz, Interdiciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valessa Ramos Gomes; Karoline Rodrigues Campos
EPI_ISL_457946, EPI_ISL_457948, EPI_ISL_4579	952, EPI_ISL_457953, EPI_ISL_457956, EPI_ISL_457957, EPI_IS		963
see above	Laboratorio de Biología Molecular Asociación Española Drimera en Salud	Departments of Pathology and Medicine, New York University School of Medicine	Adriana Heguy; Christian Marier; Gael Westby; Gonzalo Manrique; Maria Noel Zubillaga; Maria Victoria Elizondo; Matthew T Maurano; Paul Zappile
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EPI_ISL_648595	Laboratorio de Infectología Servicio de Infectología Hospital Universitario Dr. José Eleuterio González - Universidad Autónoma de Nuevo León	Laboratorio de Infectología Molecular Departamento de Bioquímica y Medicina Molecular Facultad de Medicina - Universidad Autónoma de Nuevo León	Adrian Camacho-Ortiz; Ana M. Rivas-Estilla; Consuelo Treviño-Garza; Daniel Arellanos-Soto; Eduardo Perez-Alba; Elvira Garza-González; Kame A. Galán-Huerta; Laura Nuzzolo-Shihadeh; Manuel E. de-la-O-Cavazos; María F. Herrera-Saldivar; Natalaia Martínez-Acuña; Paola Bocanegra-Ibarias; Roberto Montes-de-Oca; Samantha M. Flores-Treviño; Sonia A. Lozano-Sepúlveda
EPI_ISL_779169, EPI_ISL_779170, EPI_ISL_779171	Laboratorio de Infectología, Servicio de Infectología, Hospital Universitario Dr. José Eleuterio González - Universidad Autónoma de Nuevo León	Laboratorio de Infectología Molecular, Departamento de Bioquímica y Medicina Molecular, Facultad de Medicina - Universidad Autónoma de Nuevo León	Adrian Camacho-Ortiz; Ana M. Rivas-Estilla; Daniel Arellanos-Soto; Eduardo Perez-Alba; Elvira Garza-González; Kame A. Galán-Huerta; Laura Nuzzolo-Shihadeh; María F. Herrera-Saldivar; Natalia Martínez-Acuña; Paola Bocanegra-Ibarias; Samantha M. Flores-Treviño; Sonia A. Lozano-Sepúlveda
EPI_ISL_517770	Laboratorio de Referencia Nacional de Virus Respiratorio. Centro Nacional de Salud Publica. Instituto Nacional de Salud B Peru	Laboratorio de Referencia Nacional de Biotecnología y Biología Molecular. Centro Nacional de Salud Publica. Instituto Nacional de Salud Peru.	Carlos Padilla Rojas; Henri Bailon Calderon; Johanna Balbuena Torres; Karolyn Vega Chozo; Marco Galarza Perez; Maribel Huaringa Nuñez; Nancy Rojas Serrano.; Ornar Caceres Rey; Priscila Lope Pari
EPI_ISL_516626, EPI_ISL_516987, EPI_ISL_5179	958, EPI_ISL_523810, EPI_ISL_523954, EPI_ISL_523979, EPI_IS	SL_523994, EPI_ISL_524471, EPI_ISL_525206	
see above	Laboratorio de Referencia Nacional de Virus Respiratorio. Centro Nacional de Salud Publica. Instituto Nacional de Salud B Peru.	Laboratorio de Referencia Nacional de Biotecnología y Biología Molecular. Centro Nacional de Salud Publica. Instituto Nacional de Salud Peru.	Carlos Padilla Rojas; Henri Bailon Calderon; Johanna Balbuena Torres; Karolyn Vega Chozo; Marco Galarza Perez; Maribel Huaringa Nuñez; Nancy Rojas Serrano.; Ornar Caceres Rey; Priscila Lope Pari
EPI_ISL_489836, EPI_ISL_489837, EPI_ISL_4898 EPI_ISL_491463, EPI_ISL_491464, EPI_ISL_5143		SL_489989, EPI_ISL_489990, EPI_ISL_490209, EPI_ISL_4903	315, EPI_ISL_490316, EPI_ISL_490975, EPI_ISL_490976, EPI_ISL_491427, EPI_ISL_491428, EPI_ISL_491429, EPI_ISL_491430, EPI_ISL_491462,
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EPI_ISL_491172	Laboratorio de Referencia Nacional de Virus Respiratorio. Instituto Nacional de Salud Perú	Laboratorio de Referencia Nacional de Biotecnología y Biología Molecular. Instituto Nacional de Salud Perú.	Carlos Padilla Rojas; Henri Bailon Calderon; Johanna Balbuena Torres; Karolyn Chozo Vega; Marco Galarza Perez; Maribel Huaringa Nuñez; Nancy Rojas Serrano; Omar Caceres Rey; Priscila Lope Pari
EPI_ISL_1111097, EPI_ISL_1111098, EPI_ISL_17 EPI_ISL_1111119, EPI_ISL_1111120, EPI_ISL_17 EPI_ISL_1111183, EPI_ISL_1111184, EPI_ISL_17 EPI_ISL_1111201, EPI_ISL_1111202, EPI_ISL_17	11100, EPI_ISL_1111101, EPI_ISL_1111102, EPI_ISL_1111103, I111102, EPI_ISL_1111103, EPI_ISL_1111104, EPI_ISL_1111104, EPI_ISL_1111184, EPI_ISL_1111184, EPI_ISL_1111184, EPI_ISL_1111184, EPI_ISL_1111204, EPI_ISL_111204, EPI_ISL_111204, EPI_ISL_111204, EPI_ISL_111204, EPI_ISL_111204, EPI_ISL_111204, EPI_ISL_111204, EPI_ISL_111204, EPI_ISL_111204, EPI_ISL_1111204, EPI_ISL_11111204, EPI_ISL_11111204, EPI_ISL_1111204, EPI_ISL_111112	, EPI_ISL_1111104, EPI_ISL_1111105, EPI_ISL_1111106, EF , EPI_ISL_1111171, EPI_ISL_1111172, EPI_ISL_1111174, EF , EPI_ISL_1111189, EPI_ISL_1111190, EPI_ISL_1111192, EF , EPI_ISL_1111207, EPI_ISL_1111208, EPI_ISL_1111209, E	PLISL_1111089, EPI_ISL_1111090, EPI_ISL_1111091, EPI_ISL_1111092, EPI_ISL_1111093, EPI_ISL_1111094, EPI_ISL_1111095, EPI_ISL_1111096, PI_ISL_1111095, EPI_ISL_1111095, EPI_ISL_11111095, EPI_ISL_11111095, EPI_ISL_1111110, EPI_ISL_1111110, EPI_ISL_1111110, EPI_ISL_1111110, EPI_ISL_11111110, EPI_ISL_11111110, EPI_ISL_11111110, EPI_ISL_1111110, EPI_ISL_1111110, EPI_ISL_1111110, EPI_ISL_111110, EPI_ISL_111110, EPI_ISL_111110, EPI_ISL_111110, EPI_ISL_111110, EPI_ISL_111110, EPI_ISL_111110, EPI_ISL_111110, EPI_ISL_11111210, EPI_ISL_1111211, EPI_ISL_1111211, EPI_ISL_1111211, EPI_ISL_1111211, EPI_ISL_1111211, EPI_ISL_1111230, EPI_ISL_111
see above	Laboratorio de Referencia Nacional de Virus Respiratorio. Instituto Nacional de Salud Perú	Laboratorio de Referencia Nacional de Enteropatógenos. Instituto Nacional de Salud del Perú	Fiorella Orellana Peralta; Iris Silva Molina; Junior Caro Castro; Ronnie Gavilan Chavez; Veronica Hurtado Vela; Willi Quino Sifuentes
EPI_ISL_487269	Laboratorio de Referencia Nacional de Virus Respiratorio. Instituto Nacional de Salud.	Laboratorio de Referencia Nacional de Biotecnología y Biología Molecular. Instituto Nacional de Salud.	Carlos Padilla Rojas; Henri Bailon Calderon; Johanna Balbuena Torrez; Karolyn Chozo Vega; Marco Galarza Perez; Maribel Huaringa Nuñez; Nancy Rojas Serrano; Omar Caceres Rey; Priscila Lope Pari
EPI_ISL_415787	Laboratorio de Referencia Nacional de Virus Respiratorio. Instituto Nacional de Salud. Peru	Laboratorio de Referencia Nacional de Biotecnologia y Biologia Molecular.Instituto Nacional de Salud.Peru	Carlos Padilla Rojas; Hemri Bailon Calderon; Johanna Balbuena Torres; Karolyn Vega Chozo; Maribel Huaringa Nuñez; Nancy Rojas Serrano; Omar Caceres Rey; Priscila Lope Pari
EPI_ISL_514264	Laboratorio de Referencia Nacional de Virus Respiratorio. Instituto Nacional de Salud. Perú	Laboratorio de Referencia Nacional de Biotecnologia y Biologia Molecular.Instituto Nacional de Salud.Perú	Carlos Padilla Rojas; Henri Bailon Calderon; Johanna Balbuena Torrez; Karolyn Vega Chozo; Marco Galarza Perez; Maribel Huaringa Nuñez; Nancy Rojas Serrano; Omar Caceres Rey; Priscila Lope Pari
EPI_ISL_491431	Laboratorio de Referencia Nacional de Virus Respiratorio. Instituto Nacional de Salud. Perú	Laboratorio de Referencia Nacional de Biotecnología y Biología Molecular. Instituto Nacional de Salud.Perú	Carlos Padilla Rojas; Henri Bailon Calderon; Johanna Balbuena Torres; Karolyn Vega Chozo; Marco Galarza Perez; Maribel Huaringa Nuñez; Nancy Rojas Serrano.; Omar Caceres Rey; Priscila Lope Pari
EPI_ISL_529068, EPI_ISL_540924, EPI_ISL_5409	86, EPI_ISL_540987, EPI_ISL_540988, EPI_ISL_568515, EPI_IS	SL_568516	
see above	Laboratorio de Referencia Nacional de Virus Respiratorios, Instituto Nacional de Salud Peru	Laboratorio de Genómica Microbiana, Universidad Peruana Cayetano Heredia	Alejandra Dávila-Barclay; Brenda Ayzanoa; Camila Castillo-Vilcahuaman; Guillermo Salvatierra; Janet Huancachoque; Luis González; Maribel Huaringa; Pablo Tsukayama; Pedro E. Romero; Pool Marcos
EPI_ISL_482468	Laboratorio de Referencia Nacional de Virus Respiratorios. Instituto Nacional de Salud Peru	Laboratorio de Referencia Nacional de Biotecnologia y Biologia Molecular. Instituto Nacional de Salud Peru	Carlos Padilla Rojas; Henri Bailon Calderon; Johanna Balbuena Torres; Karolyn Vega Chozo; Maribel Huaringa Nuñez; Nancy Rojas Serrano; Omar Caceres Rey; Priscila Lope Pari
EPI_ISL_792364	Laboratorio de Virologia - HIEAyC San Juan de Dios F	Área de Secuenciación del Laboratorio de Virología del dospital de Niños Dr. Ricardo Gutierrez on behalf of 'Proyecto Argentino Interinstitucional de genomica de SARS-CoV-2' (PAIS Consortium)	A; Colmeiro; Ercole; Ferioli; Gatelli; Goya; LE; Lusso; M; MI; MS; Nabaes Jodar; Natale; R; S; Valinotto; Viegas, M.
EPI_ISL_623138	Laboratorio de Virologia Molecular / UFRJ	Bioinformatics Laboratory / LNCC	Alexandra L Gerber; Amilcar Tanuri; Ana Paula de C Guimarães; Ana Tereza R de Vasconcelos; Carolina M Voloch; Covid19-UFRJ Workgroup; Cynthia C

Cardoso; Diana Mariani; Luiz G P de Almeida; Luís Cristóvão Pôrto; Orlando C. Ferreira; Otavio J. Brustolini; Renato S Aguiar; Ronaldo S Francisco Jr;
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EPI_ISL_430799, EPI_ISL_430800	Laboratorio de Virología del Hospital de Niños Dr. Ricardo Gutierrez	Área de Secuenciación del Laboratorio de Virología del Hospital de Niños Dr. Ricardo Gutierrez on behalf of 'Proyecto Argentino Interinstitucional de genomica de SARS-CoV-2' (PAIS Consortium)	AS; E; Goya; Gravis; LE; Lusso; MI; MS; Mistchenko; Nabaes Jodar; Natale; S; Valinotto; Viegas, M.
EPLISL_792451, EPLISL_792454, EPLISL_792463, EPLISL_792471	Laboratorio del Hospital Regional Ushuaia Gdor. Ernesto Campos	Hospital Regional Ushuaia - Centro Austral De Investigaciones Científicas - Universidad Nacional De Tierra Del Fuego on behalf of 'Proyecto Argentino Interinstitucional de genomica de SARS-CoV-2' (PAIS Consortium)	Boutureira, MF.; CA; CB; CF; Castro; Ceballos; Cáceres; De Roccis; F; G; Gallego; Gramundi; ID; Nardi; SB; SG; Yulan
EPI_ISL_413489	Laboratorio di Microbiologia e Virologia, Università Vita-Salute San Raffaele, Milano	Laboratorio di Microbiologia e Virologia, Università Vita-Salute San Raffaele, Milano	C. Di Resta; E. Boeri; E. Criscuolo; G. Lo Raso; I. Negri; M. Castelli; M. Clementi; M. Sampaolo; N. Mancini & N. Clementi; R. Burioni; R. Ferrarese; R.A Diotti; V. Amato; V. Caputo
EPI_ISL_476221	Laboratory Fleury	Instituto de Medicina Tropical da Univesidade de São Paulo	Camila Alves Maia da Silva; Darlan da Silva Candido; Erika Regina Manuli; Ester Sabino; Flavia Cristina da Silva Sales; Giula Magalhaes Ferreira; Jaqueline Goes de Jesus; Julien Theze; Mariana Severo Ramundo; Nuno Faria; Samples: Celso Granato; Sequencing: Ingra Morales Claro; Thais de Moura Coletti
	15743, EPI_ISL_417519, EPI_ISL_417520, EPI_ISL_417521, EPI_ 14277, EPI_ISL_444278, EPI_ISL_464092, EPI_ISL_667807, EPI_		525, EPI_ISL_424969, EPI_ISL_424970, EPI_ISL_424971, EPI_ISL_424972, EPI_ISL_424973, EPI_ISL_424974, EPI_ISL_424975, EPI_ISL_424978,
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EPI_ISL_529208, EPI_ISL_529209, EPI_ISL_529210, EPI_ISL_529211, EPI_ISL_529212	Laboratory Medicine, University of Washington	University of Washington, Laboratory Medicine	Greninger, A.; Jerome, K.; Roychoudhury, P.
EPI_ISL_437689	Laboratory for Urgent Response to Biological Threats	Institut Pasteur CIBU / ERI	A. Kwasiborski; C. Balière; C. Batéjat; J. Vanhomwegen; JC. Manuguerra; V. Caro; V. Hourdel
EPI_ISL_437690	Laboratory for Urgent Response to Biological Threats	Institut Pasteur CIBU /ERI	A. Kwasiborski; C. Balière; C. Batéjat; H. Hourdel; J. Vanhomwegen; JC. Manuguerra; V. Caro
EPI_ISL_435045, EPI_ISL_435046, EPI_ISL_435047	Laboratory of Applied Genetics	RSE "National Center for Biotechnology"	Alexandr Shevtsov; Asylulan Amirgazin; Ilyas Akhmetollayev; Ruslan Kalendar; Viktoriya Lutsay; Yerlan Ramanculov
EPI_ISL_437625	Laboratory of Genomics & Bioinformatics, Institute of Immunology and Experimental Therapy, Polish Academy of Sciences Oddzial Mikrobiologii Wojewodzkiej Stacji Sanitarno-Epidemiologicznej.	Laboratory of Genomics & Bioinformatics, Institute of Immunology and Experimental Therapy, Polish Academy of Sciences	Aleksandra Herud; Dariusz Martynowski; Dorota Kujawa; Grazyna Zalewska; Joanna Sikorska; Krzysztof Jakub Pawlik; Oskar Karpinski and Lukasz Laczmanski; Paulina Zebrowska
EPI_ISL_536399	Laboratory of Immunovirology. Universidad de Antioquia	Instituto Nacional de Salud - Unidad de Secuenciación y Genómica	Carlos Franco-Muñoz; Diego Álvarez-Diaz and Marcela Mercado-Reyes; Francisco J. Díaz; Katherine Laiton-Donato; Lizdany Flórez; Wbeimar Aguilar-Jimenez
EPI_ISL_452358, EPI_ISL_452359, EPI_ISL_452361, EPI_ISL_452364	Laboratory of Infectious Diseases Center of Beijing Ditan Hospital	Laboratory of Infectious Diseases Center of Beijing Ditan Hospital	Chengjie Jie; Fengting Yu; Linghang Wang; Liting Yan; Siyuan Yang; Yunxia Tang
EPI_ISL_417445, EPI_ISL_417447, EPI_ISL_77	79704, EPI_ISL_779709, EPI_ISL_779712, EPI_ISL_779713, EPI_	_ISL_779714, EPI_ISL_780378, EPI_ISL_780381, EPI_ISL_7804	из
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EPI_ISL_418263, EPI_ISL_418264, EPI_ISL_418265 EPI_ISL_427043, EPI_ISL_434455, EPI_ISL_43 EPI_ISL_43473, EPI_ISL_434474, EPI_ISL_43	and Ćlinical Sciences L. Sacco, Úniversity of Milan Laboratory of Microbiology, Department of Medicine, National and Kapodistrian University of Athens, Greece 34456, EPI_ISL_434457, EPI_ISL_434458, EPI_ISL_434459, EPI_	and Ćlinical Sciences L. Sacco, Üniversity of Milan Laboratory of Biology, Department of Medicine, Democritus University of Thrace, Greece ISL_434460, EPI_ISL_434461, EPI_ISL_434462, EPI_ISL_434 ISL_434479, EPI_ISL_434861, EPI_ISL_43481, EPI_ISL_434 ISL_434478, EPI_ISL_437885, EPI_ISL_437886, EPI_ISL_437886	Gianguglielmo Zehender on behalf of SARS-CoV-2 ITALIAN RESEARCH ENTERPRISE-(SCIRE) Collaborative Group; Giuliano Rizzardini; Luca Meroni; Maciej Tarkowski; Massimo Galli; Spinello Antinori; Stefano Rusconi
EPI_ISL_418263, EPI_ISL_418264, EPI_ISL_418265 EPI_ISL_427043, EPI_ISL_434455, EPI_ISL_43 EPI_ISL_43473, EPI_ISL_434474, EPI_ISL_43	and Ćlinical Sciences L. Sacco, Úniversity of Milan Laboratory of Microbiology, Department of Medicine, National and Kapodistrian University of Athens, Greece 34456, EPI_ISL_434457, EPI_ISL_434458, EPI_ISL_434459, EPI_	and Ćlinical Sciences L. Sacco, Üniversity of Milan Laboratory of Biology, Department of Medicine, Democritus University of Thrace, Greece ISL_434460, EPI_ISL_434461, EPI_ISL_434462, EPI_ISL_434 ISL_434479, EPI_ISL_434861, EPI_ISL_43481, EPI_ISL_434 ISL_434478, EPI_ISL_437885, EPI_ISL_437886, EPI_ISL_437886	Gianguglielmo Zehender on behalf of SARS-CoV-2 ITALIAN RESEARCH ENTERPRISE-(SCIRE) Collaborative Group; Giuliano Rizzardini; Luca Meroni; Maciej Tarkowski; Massimo Galli; Spinello Antinori; Stefano Rusconi Elisavet Gatzidou; Ioannis Karakasiliotis; Maria Bampali; Nikolaos Dovrolis; Nikolaos Spanakis; Stavroula Veletza 463, EPLISL_434464, EPLISL_434465, EPLISL_434467, EPLISL_434468, EPLISL_434469, EPLISL_434470, EPLISL_434471, EPLISL_434787, EPLISL_43483, EPLISL_43483, EPLISL_434848, EPLISL_437874, EPLISL_437874, EPLISL_437874, EPLISL_437874, EPLISL_437893, EPLISL_437893, EPLISL_437893, EPLISL_437893, EPLISL_437893, EPLISL_437894, EPLISL_437895,
EPI_ISL_418263, EPI_ISL_418264, EPI_ISL_418265 EPI_ISL_427043, EPI_ISL_434455, EPI_ISL_43 EPI_ISL_434473, EPI_ISL_434474, EPI_ISL_43 EPI_ISL_437878, EPI_ISL_437879, EPI_ISL_437896, EPI_ISL_437896, EPI_ISL_437897, EPI_ISL_43	and Ćlinical Sciences L. Sacco, Üniversity of Milan Laboratory of Microbiology, Department of Medicine, National and Kapodistrian University of Athens, Greece 34456, EPI_ISL_434457, EPI_ISL_434458, EPI_ISL_434459, EPI 34475, EPI_ISL_434476, EPI_ISL_434477, EPI_ISL_434478, EPI 37880, EPI_ISL_437881, EPI_ISL_437882, EPI_ISL_437883, EPI 37898, EPI_ISL_437899, EPI_ISL_437900, EPI_ISL_437901, EPI_ISL_437801, EP	and Ćlinical Sciences L. Sacco, Üniversity of Milan Laboratory of Biology, Department of Medicine, Democritus University of Thrace, Greece ISL_434460, EPI_ISL_434461, EPI_ISL_434462, EPI_ISL_434- ISL_434479, EPI_ISL_434480, EPI_ISL_434481, EPI_ISL_434- ISL_437884, EPI_ISL_437885, EPI_ISL_437866, EPI_ISL_437- ISL_437902, EPI_ISL_437903, EPI_ISL_437904, EPI_ISL_437- Laboratory of Biology, Department of Medicine, Democritus	Gianguglielmo Zehender on behalf of SARS-CoV-2 ITALIAN RESEARCH ENTERPRISE-(SCIRE) Collaborative Group; Giuliano Rizzardini; Luca Meroni; Maciej Tarkowski; Massimo Galli; Spinello Antinori; Stefano Rusconi Elisavet Gatzidou; Ioannis Karakasiliotis; Maria Bampali; Nikolaos Dovrolis; Nikolaos Spanakis; Stavroula Veletza 463, EPLISL_434464, EPLISL_434465, EPLISL_434467, EPLISL_434468, EPLISL_434469, EPLISL_434470, EPLISL_434471, EPLISL_434472, 482, EPLISL_434484, EPLISL_434485, EPLISL_434886, EPLISL_437874, EPLISL_437875, EPLISL_437877, 887, EPLISL_437888, EPLISL_437884, EPLISL_437890, EPLISL_437891, EPLISL_437893, EPLISL_437894, EPLISL_437891,
EPI_ISL_418263, EPI_ISL_418264, EPI_ISL_418265 EPI_ISL_427043, EPI_ISL_434455, EPI_ISL_43 EPI_ISL_434473, EPI_ISL_434474, EPI_ISL_43 EPI_ISL_437878, EPI_ISL_437879, EPI_ISL_43 EPI_ISL_437896, EPI_ISL_437897, EPI_ISL_43	and Ćlinical Sciences L. Sacco, Üniversity of Milan Laboratory of Microbiology, Department of Medicine, National and Kapodistrian University of Athens, Greece 34456, EPI_ISL_434457, EPI_ISL_434458, EPI_ISL_434459, EPI 34475, EPI_ISL_43476, EPI_ISL_434477, EPI_ISL_434478, EPI 37880, EPI_ISL_43788, EPI_ISL_437882, EPI_ISL_437883, EPI 37898, EPI_ISL_43789, EPI_ISL_437900, EPI_ISL_437891, EPI Laboratory of Microbiology, Medical School, National and Kapodistrian University of Athens Laboratory of Microbiology, National Reference Lab, Charles Nicolle Hospital; 2-University of Tunis ElManar, Faculty of	and Ćlinical Sciences L. Sacco, Üniversity of Milan Laboratory of Biology, Department of Medicine, Democritus University of Thrace, Greece ISL_434460, EPI_ISL_434461, EPI_ISL_434462, EPI_ISL_434-ISL_434479, EPI_ISL_43480, EPI_ISL_43481, EPI_ISL_434-ISL_437884, EPI_ISL_437885, EPI_ISL_437904, EPI_ISL_437902, EPI_ISL_437903, EPI_ISL_437904, EPI_ISL_437902, EPI_ISL_437903, EPI_ISL_437904, EPI_ISL	Gianguglielmo Zehender on behalf of SARS-CoV-2 ITALIAN RESEARCH ENTERPRISE-(SCIRE) Collaborative Group; Giuliano Rizzardini; Luca Meroni; Maciej Tarkowski; Massimo Galli; Spinello Antinori; Stefano Rusconi Elisavet Gatzidou; Ioannis Karakasiliotis; Maria Bampali; Nikolaos Dovrolis; Nikolaos Spanakis; Stavroula Veletza 463, EPLISL_434464, EPLISL_434465, EPLISL_434467, EPLISL_434468, EPLISL_434469, EPLISL_434470, EPLISL_434471, EPLISL_434472, 482, EPLISL_434483, EPLISL_434484, EPLISL_43488, EPLISL_437874, EPLISL_437877, EPLISL_437888, EPLISL_437890, EPLISL_437890, EPLISL_437890, EPLISL_437890, EPLISL_437890, EPLISL_437908, EPLIS
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Genetic Engineering and Biotechnology (ICGEB)

Laboratory of Molecular Virology of the International Centre for Genetic Engineering and Biotechnology (ICGEB)

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EPI_ISL_584048, EPI_ISL_584049	Laboratory of Molecular Virology, Department of Biomedical, Surgical and Dental Sciences University of Milano	Laboratory of Molecular Virology, Department of Biomedical, Surgical and Dental Sciences University of Milano	Basilico, N.; Bianchi, M.; C. and Ferrante, P.; D'Alessandro, S.; Delbue, S.; Fattori, M.; Galli; Modenese, A.; Pariani, E.
EPI_ISL_801603, EPI_ISL_801604, EPI_ISL_80 EPI_ISL_801621, EPI_ISL_801622, EPI_ISL_80 EPI_ISL_801639, EPI_ISL_801640, EPI_ISL_80	1605, EPI_ISL_801606, EPI_ISL_801607, EPI_ISL_801608, EPI_ 1623, EPI_ISL_801624, EPI_ISL_801625, EPI_ISL_801626, EPI_ 1641, EPI_ISL_801642, EPI_ISL_801643, EPI_ISL_801644, EPI_ 1659, EPI_ISL_801660, EPI_ISL_801661, EPI_ISL_801662, EPI_	ISL_801609, EPI_ISL_801610, EPI_ISL_801611, EPI_ISL_8016 ISL_801627, EPI_ISL_801628, EPI_ISL_801629, EPI_ISL_8016 ISL_801645, EPI_ISL_801646, EPI_ISL_801647, EPI_ISL_8016	588, EPLISL_801589, EPLISL_801590, EPLISL_801591, EPLISL_801596, EPLISL_801599, EPLISL_801600, EPLISL_801601, EPLISL_801602, 612, EPLISL_801613, EPLISL_801614, EPLISL_801615, EPLISL_801617, EPLISL_801618, EPLISL_801619, EPLISL_801620, 603, EPLISL_801631, EPLISL_801632, EPLISL_801634, EPLISL_801654, EPLISL
see above	Laboratory of Molecular Virology, Pontificia Universidad Católica de Chile	MSHS Pathogen Surveillance Program	Adolfo Garcia-Sastre; Adriana van De Guchte; Ajay Obla; Ana Maria Contreras; Ana S. Gonzalez-Reiche; Ana Silvia Gonzalez-Reiche; Bremy Alburquerque; Carlos Palma; Constanza Maldonado; Edward C. Holmes; Eileen Serrano; Erick Salinas; Hala Alshammary; Harm van Bakel; Jayeeta Dutta; Jorge Levican; Juan Soto; Leonardo I. Almonacid; M. Belen Leyton; Marcela Ferres; Matthew Hernandez; Matthew M. Hernandez; Melissa Smith; Mitchell Sullivan; Pablo Vial; Rafael A. Medina; Rafael A. Medina; Robert Sebra; Shwetha Hara Sridhar; Shwetha Sridhar Hara; Tamara Garcia; Tamara García-Salum; Viviana Simon; Ying-Chih Wang; Zenab Khan
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see above	Laboratory of Respiratory Viruses and Measles, Oswaldo Cruz Institute, FIOCRUZ	Laboratory of Respiratory Viruses and Measles, Oswaldo Cruz Institute, FIOCRUZ	Alice Sampaio Rocha; Aline Mattos; Ana Carolina Mendonca; Anna Carolina Paixao; Braulia Caetano; Cristiana Garcia; Fernando Motta; Jonathan Lopes; Luciana Appolinario; Maria Ogrzewalska; Marilda Siqueira on behalf of the Fiocruz COVID-19 Genomic Surveillance Network; Milene Miranda; Paola Resende; Priscila Born; Renata Serrano Lopes; Sunando Roy
EPI_ISL_451303, EPI_ISL_451304	Laboratory of Virology, INMI Lazzaro Spallanzani IRCCS	Laboratory of Virology, INMI Lazzaro Spallanzani IRCCS	Antonino Di Caro; Barbara Bartolini; Cesare E.M. Gruber; Francesco Messina; Giuseppe Ippolito; Maria R. Capobianchi; Martina Rueca
EPI_ISL_1341150	Laboratory of Virology, National center of expertise	RSE "National Center of Expertise" and RSE "National center for Biotechnology"	Abdaliyev Askar; Amirgazin Asylulan; Balykbaev Kanat; Kamalova Dinara; Ramankulov Erlan; Sharipova Saule; Shevtsov Alexandr; Tungushbayev Talgat
EPI_ISL_1165139, EPI_ISL_1165140, EPI_ISL_1165141	Laboratory of virology and molecular diagnostics	Laboratory of virology and molecular diagnostics	Boshevska Golubinka; Elizabeta Janchevska; Kuzmanovska Maja
EPI_ISL_1334575, EPI_ISL_1334576, EPI_ISL_	1334600, EPI_ISL_1335390, EPI_ISL_1335758, EPI_ISL_133575	9, EPI_ISL_1335760	
see above	Laboratory of virology, National center of expertise	RSE "National Center for Biotechnology" and RSE "National Center of Expertise"	Abdaliyev Askar; Amirgazin Asylulan; Balykbaev Kanat; Kamalova Dinara; Ramankulov Yerlan; Sharipova Saule; Shevtsov Alexandr; Tungushbayev Talgat
EPI_ISL_414045, EPI_ISL_456076, EPI_ISL_456077	Laboratório Central de Saúde Pública Noel Nutels (LACEN-RJ)	Laboratory of Respiratory Viruses and Measles, Oswaldo Cruz Institute, FIOCRUZ	Aline Mattos; Alisson Fabri; Braulia Caetano; Cristiana Garcia; Fernando Motta; Joilson Xavier; Jonathan Lopes; Luciana Appolinario; Maria Nóbrega; Maria Ogrzewalska; Marilda Siqueira on behalf of the Flocruz COVID-19 Genomic Surveillance Network; Marilda SiqueiraFiocruz COVID-19 Genomic Surveillance Network; Milene Miranda; Paola Resende; Sunando Roy
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EPI_ISL_427305, EPI_ISL_427306	Laboratório Central de Saúde Pública do Estado de Santa Catarina (LACEN-SC)	Laboratory of Respiratory Viruses and Measles, Oswaldo Cruz Institute, FIOCRUZ	Aline Mattos; Braulia Caetano; Cristiana Garcia; Fernando Motta; Jonathan Lopes; Luciana Appolinario; Maria Ogrzewalska; Marilda Siqueira on behalf of the Fiocruz COVID-19 Genomic Surveillance Network; Milene Miranda; Paola Resende; Priscila Born; Sunando Roy
EPI_ISL_541372, EPI_ISL_541373, EPI_ISL_541374, EPI_ISL_541376	Laboratório Central de Saúde Pública do Estado de Sergipe (LACEN-SE)	Laboratory of Respiratory Viruses and Measles, Oswaldo Cruz Institute, FIOCRUZ	Ana Carolina Mendonça; Anna Carolina Paixão; Clioma Santos; Fernando Motta; Jonathan Lopes; Luciana Appolinario; Marilda Siqueira on behalf of the Fiocruz COVID-19 Genomic Surveillance Network; Paola Resende
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EPI_ISL_729804, EPI_ISL_729805, EPI_ISL_729	9806, EPI_ISL_729807, EPI_ISL_729808, EPI_ISL_729809, EPI_I	ISL_729810, EPI_ISL_729811, EPI_ISL_729812, EPI_ISL_7298	813, EPI_ISL_729814, EPI_ISL_729815, EPI_ISL_729819
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EPI_ISL_636834	Laboratório de Imunofarmacologia - Instituto Oswaldo Cruz	Laboratório de Imunofarmacologia - Instituto Oswaldo Cruz	A.D.; C.Q.; De Paula; F.B.; Ferreira; Fintelman-Rodrigues, N.; M.A. and Sacramento; Saraiva; Souza; T.M.
EPI_ISL_437089, EPI_ISL_437090, EPI_ISL_43 EPI_ISL_486434, EPI_ISL_486435, EPI_ISL_486		ISL_437095, EPI_ISL_437096, EPI_ISL_486422, EPI_ISL_4864	423, EPI_ISL_486424, EPI_ISL_486425, EPI_ISL_486426, EPI_ISL_486428, EPI_ISL_486430, EPI_ISL_486431, EPI_ISL_486432, EPI_ISL_486433,
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EPI_ISL_451489, EPI_ISL_451545, EPI_ISL_45	1572, EPI_ISL_451602, EPI_ISL_451609, EPI_ISL_451611, EPI_I	ISL_451631, EPI_ISL_455041, EPI_ISL_455048, EPI_ISL_4550	063
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EPI_ISL_421507, EPI_ISL_421508	Le Château de Seine-Port	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Angela Brisebarre; Etienne Simon-Lorière; Flora Donati; Marion Barbet; Maud Vanpeene; Mélanie Albert; Méline Bizard; Sylvie Behillil; Sylvie van der Werf; Vincent Enouf
EPI_ISL_498551, EPI_ISL_498552, EPI_ISL_498554	Lebanese American University	Lebanese American University	Abdallah, J.; Abi Habib, W.; El Shesheny, R.; Goldstein; J. and Kayali, G.; Mokhbat, J.; R.J.; Webby
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EPI_ISL_434636	Lednicky Laboratory, Emerging Pathogens Institute, University of Florida	Lednicky Laboratory at Emerging Pathogens Institute, University of Florida	Alam, M.; C.J.; Elbadry; Gibson; J.A.; J.C.; J.G. Jr. and Lednicky; M.A.; Morris; Stephenson; Subramaniam, K.; T.B.; Waltzek
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EPI_ISL_538852, EPI_ISL_538869, EPI_ISL_538 EPI_ISL_538941, EPI_ISL_538944, EPI_ISL_538 EPI_ISL_538974, EPI_ISL_538975, EPI_ISL_538 EPI_ISL_539031, EPI_ISL_539032, EPI_ISL_538 EPI_ISL_539147, EPI_ISL_539148, EPI_ISL_538	8881, FPI, ISL, 538900, EPI, ISL, 538901, EPI, ISL, 538906, EPI, 8847, EPI, ISL, 538948, EPI, ISL, 538950, EPI, ISL, 538951, EPI, 8976, EPI, ISL, 538991, EPI, ISL, 538993, EPI, ISL, 538995, EPI, 9033, EPI, ISL, 539097, EPI, ISL, 539038, EPI, ISL, 539100, EPI, 9089, EPI, ISL, 539097, EPI, ISL, 539099, EPI, ISL, 539100, EPI	ISL 538912, EPI_ISL 538913, EPI_ISL 538915, EPI_ISL 5381 ISL 538954, EPI_ISL 538955, EPI_ISL 538956, EPI_ISL 5389 ISL 538996, EPI_ISL 538998, EPI_ISL 539001, EPI_ISL 5390 ISL 539051, EPI_ISL 539053, EPI_ISL 539054, EPI_ISL 539 ISL 539109, EPI_ISL 539114, EPI_ISL 539118, EPI_ISL 539 ISL 539160, EPI_ISL 539162, EPI_ISL 539163, EPI_ISL 539	802, EPI_ISL_538816, EPI_ISL_538819, EPI_ISL_538820, EPI_ISL_538822, EPI_ISL_538823, EPI_ISL_538842, EPI_ISL_538844, EPI_ISL_538934, EPI_ISL_538938, EPI_ISL_5

ARGO Open Lab Platform for Genome Sequencing

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EPI_ISL_568916, EPI_ISL_568916, EPI_ISL_568916, EPI_ISL_568916, EPI_ISL_568916, EPI_ISL_568916, EPI_ISL_568916, EPI_ISL_568916, EPI_ISL_568916, EPI_ISL_569256, EPI_ISL_569256

EPI_ISL_413571	MHC Brabant Zuidoost	Erasmus Medical Center	Anne van der Linden; Annemiek van der Eijk; Aura Timen; Bas Oude Munnink; Claudia Schapendonk; Corien Swaan; Corine GeurtsvanKessel; David Nieuwenhuijse; Irina Chestakova; Jeroen van Kampen; Jolanda Voermans; Madelief Mollers; Manon Haverkate; Marion Koopmans; Mark Pronk; Mart Stein; Pascal Lexmond; Reina Sikkema; Richard Molenkamp; Sandra Kengne Kamga Mobou; on behalf of the Dutch national COVID-19 response team.
EPI_ISL_413568	MHC Drente	Erasmus Medical Center	Anne van der Linden; Annemiek van der Eijk; Aura Timen; Bas Oude Munnink; Claudia Schapendonk; Corien Swaan; Corine GeurtsvanKessel; David Nieuwenhuijse; Irina Chestakova; Jeroen van Kampen; Jolanda Voermans; Madelief Mollers; Manon Haverkate; Marion Koopmans; Mark Pronk; Mart Stein; Pascal Lexmond; Reina Sikkemar, Richard Molenkamp; Sandra Kengne Kampa Mobou; on behalf of the Dutch national COVID-19 response team.
EPI_ISL_413591	MHC Flevoland	Erasmus Medical Center	Anne van der Linden; Annemiek van der Eijk; Aura Timen; Bas Oude Munnink; Claudia Schapendonk; Corien Swaan; Corine GeurtsvanKessel; David Nieuwenhuijse; Irina Chestakova; Jeroen van Kampen; Jolanda Voermans; Madelief Mollers; Manon Haverkate; Marion Koopmans; Mark Pronk; Mart Stein; Pascal Lexmond; Reina Sikkema; Richard Molenkamp; Sandra Kengne Kamga Mobou; on behalf of the Dutch national COVID-19 response team.
EPI_ISL_413566, EPI_ISL_413577	MHC Gooi & Vechtstreek	Erasmus Medical Center	Anne van der Linden; Annemiek van der Eijk; Aura Timen; Bas Oude Munnink; Claudia Schapendonk; Corien Swaan; Corine GeurtsvanKessel; David Nieuwenhuijse; Irina Chestakova; Jeroen van Kampen; Jolanda Voermans; Madelief Mollers; Manon Haverkate; Marion Koopmans; Mark Pronk; Mart Stein; Pascal Lexmond; Reina Sikkema; Richard Molenkamp; Sandra Kengne Kamga Mobou; on behalf of the Dutch national COVID-19 response team.
EPI_ISL_413579	MHC Haaglanden	Erasmus Medical Center	Anne van der Linden; Annemiek van der Eijk; Aura Timen; Bas Oude Munnink; Claudia Schapendonk; Corien Swaan; Corine GeurtsvanKessel; David Nieuwenhuijse; Irina Chestakova; Jeroen van Kampen; Jolanda Voermans; Madelief Mollers; Manon Haverkate; Marion Koopmans; Mark Pronk; Mart Stein; Pascal Lexmond; Reina Sikkema; Richard Molenkamp; Sandra Kengne Kamga Mobou; on behalf of the Dutch national COVID-19 response team.
EPI_ISL_413580	MHC Hart voor Brabant	Erasmus Medical Center	Anne van der Linden; Annemiek van der Eijk; Aura Timen; Bas Oude Munnink; Claudia Schapendonk; Corien Swaan; Corine GeurtsvanKessel; David Nieuwenhuijse; Irina Chestakova; Jeroen van Kampen; Jolanda Voermans; Madelief Mollers; Manon Haverkate; Marion Koopmans; Mark Pronk; Mart Stein; Pascal Lexmond; Reina Sikkema; Richard Molenkamp; Sandra Kengne Kamga Mobou; on behalf of the Dutch national COVID-19 response team.
EPI_ISL_413572	MHC Kennemerland	Erasmus Medical Center	Anne van der Linden; Annemiek van der Eijk; Aura Timen; Bas Oude Munnink; Claudia Schapendonk; Corien Swaan; Corine GeurtsvanKessel; David Nieuwenhuijse; Irina Chestakova; Jeroen van Kampen; Jolanda Voermans; Madelief Mollers; Manon Haverkate; Marion Koopmans; Mark Pronk; Mart Stein; Pascal Lexmond; Reina Sikkema; Richard Molenkamp; Sandra Kengne Kamga Mobou; on behalf of the Dutch national COVID-19 response team.
EPI_ISL_413583	MHC Rotterdam-Rijnmond	Erasmus Medical Center	Anne van der Linden; Annemiek van der Eijk; Aura Timen; Bas Oude Munnink; Claudia Schapendonk; Corien Swaan; Corine GeurtsvanKessel; David Nieuwenhuijse; Irina Chestakova; Jeroen van Kampen; Jolanda Voermans; Madelief Mollers; Manon Haverkate; Marion Koopmans; Mark Pronk; Mart Stein; Pascal Lexmond; Reina Sikkemar, Richard Molenkamp; Sandra Kenone Kampa Mobor, on behalf of the Dutch national COVID-19 response team.
EPI_ISL_413588, EPI_ISL_413589, EPI_ISL_413590	MHC Utrecht	Erasmus Medical Center	Anne van der Linden; Annemiek van der Eijk; Aura Timen; Bas Oude Munnink; Claudia Schapendonk; Corien Swaan; Corine GeurtsvanKessel; David Nieuwenhuijse; Irina Chestakova; Jeroen van Kampen; Jolanda Voermans; Madelief Mollers; Manon Haverkate; Marion Koopmans; Mark Pronk; Mart Stein; Pascal Lexmond; Reina Sikkema; Richard Molenkamp; Sandra Kengne Kamga Mobou; on behalf of the Dutch national COVID-19 response team.
EPI_ISL_413564, EPI_ISL_413574	MHC West-Brabant	Erasmus Medical Center	Anne van der Linden; Annemiek van der Eijk; Aura Timen; Bas Oude Munnink; Claudia Schapendonk; Corien Swaan; Corine GeurtsvanKessel; David Nieuwenhuijse; Irina Chestakova; Jeroen van Kampen; Jolanda Voermans; Madelief Mollers; Manon Haverkate; Marion Koopmans; Mark Pronk; Mart Stein; Pascal Lexmond; Reina Sikkemer, Richard Molenkamp; Sandra Kengne Kampa Mobou; on behal Fd the Dutch national COVID-19 response team.
EPI_ISL_452108, EPI_ISL_452113, EPI_ISL_452133	MN Department of Health	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Alison S. Laufer Halpin; Anna Montmayeur; Anna Uehara; Christopher A. Elkins; Clinton R. Paden; Haibin Wang; Jing Zhang; Krista Queen; Mary S. Keckler; Rachel Marine; Suxiang Tong; Yan Li; Ying Tao; Zachary Weiner
EPI_ISL_426426, EPI_ISL_426427, EPI_ISL_812198	MN PHL Division, Minnesota Department of Health	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Alison S. Laufer Halpin; Anna Montmayeur; Anna Uehara; Brian Lynch; Christopher A. Elkins; Clinton R. Paden; Haibin Wang; Jing Zhang; Krista Queen; Mary S. Keckler; Peter Cook; Rachel Marine; Suxiang Tong; Yan Li; Ying Tao
EPI_ISL_424870	MO State Public Health Laboratory	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Alison S. Laufer Halpin; Anna Uehara; Christopher A. Elkins; Clinton R. Paden; Haibin Wang; Jing Zhang; Krista Queen; Mary S. Keckler; Rachel Marine; Suxiang Tong; Yan Li; Ying Tao
EPI_ISL_428856	MRCG at LSHTM Genomics Lab	MRCG at LSHTM Genomics lab	Sesay et al
EPI_ISL_471158	MRCG at LSHTM Genomics lab	MRCG at LSHTM Genomics lab	Sesay et al
EPI ISL 428855	MRCG at LSHTM Geomics lab	MRCG at LSHTM Genomics lab	Sesay et al
	EPI ISL 648021, EPI ISL 648022, EPI ISL 648023, EPI	ISL 648024. EPI ISL 648025. EPI ISL 648026. EPI ISL 6480)27, EPI ISL 648028, EPI ISL 648029, EPI ISL 648030, EPI ISL 648042
see above	MS Public Health Laboratory		Anna Montmayeur; Anna Uehara; Brian Lynch; Clinton R. Paden; Haibin Wang; Jing Zhang; Krista Queen; Rachel Marine; Suxiang Tong; Yan Li; Ying Tao
EPI, SL. 421348, EPI, SL. 421349, EPI, SL. 421349, EPI, SL. 421350, EPI, SL. 421350, EPI, SL. 421352, EPI, SL. 421353, EPI, SL. 421355, EPI, SL. 421357, EPI, SL. 421360, EPI, SL. 421428, EPI, SL. 421628, EPI, S			
			S. Gonzalez-Reiche; Ana Silvia Gonzalez-Reiche; Andrew Kasarskis; Angela Amoako; Ashley S. Salimbangon; Betsaida Salom Melo; Bremy Albuquerque; Bremy Albuquerque; Brianne Ciferri; Charles Gleason; Deena R. Altman; Denise Jurczyszak; Elena Hirsch; Emilia Mia Sordillo; Emilia Sor

EPI_ISL_1301440 MSHS Clinical Microbiology Laboratories NBACC

Aaron Phillips; Adam Bazinet; Amanda Graham; Brian Holland; David Miller; Denise Freeburger; Elyse Abbott; Gregory Williams; Jason Yolitz; Jennifer Biryukov; Jordan Bohannon; Karla Garcia; Katie Beck; M.J. Rosovitz; Melissa Krause; Michael Schuit; Paul Dabisch; Sean Lovett; Shanna Ratnesar-Shumate; Stewart Wood; Victoria Wahl; Wade Weaver

EPI_ISL_445309, EPI_ISL_445355 MUTUAL DE SEGURIDAD C.CH.C. Instituto de Salud Publica de Chile

Alejandra Acevedo; Andrés E Castillo; Bárbara Parra; Carolina Tambley; Gabriel Leal; Jaime Lagos; Jorge Fernandez; Loredana Arata; Patricia Bustos; Paz Tapia; Rodrigo Fasce; Winston Andrade

Ferreri; Florian Krammer; Gintaras Deikus; Giulio Kleiner; Gopi Patel; Hala Alshammary; Harm van Bakel; Irina Oussenko; Jayeeta Dutta; Jose Polanco; Juan Soto; Judith Aberg; Katherine Beach; Kathryn Twyman; Kayla Russo; Komal Srivastava; Levy Sominsky; Lisa Miorin; Mahmoud Awawda; Marta Luksza; Matthew Hernandez; Matthew M. Hernandez; Melissa Gitman; Melissa Smith; Michael D. Nowak; Mitchell J. Sullivan; Mitchell Sullivan; Nancy Francoeur; Rachel Chernet; Randy Albrecht; Robert Sebra; Sarah Schaefer; Shelcie Fabre; Shwetha Hara Sridhar; Shwetha Sridhar Hara; Viviana Simon; Wen-chun Liu; Yino; Chih Wang; Zenab Khan

EPI_ISL_631300, EPI_ISL_631301, MVZ DIAMEDIS Diagnostische Medizin Sennestadt GmbH EPI_ISL_631302, EPI_ISL_632311

Bielefeld University

Alexander Sczyrba; Christiane Scherer; David Brandt; Jörn Kalinowski; Levin-Joe Klages; Marina Simunovic; Markus Haak; Svenja Vinke; Tobias Busche

EPI_ISL_1181170, EPI_ISL_1181179, EPI_ISL_1181180			
EPI_ISL_614294, EPI_ISL_631528, EPI_ISL_631538	3, EPI_ISL_631546, EPI_ISL_631796, EPI_ISL_631863, EPI	I_ISL_631881, EPI_ISL_631915, EPI_ISL_631993	
see above	Maimonides Medical Center	New York City Public Health Laboratory	Jade Wang; et al.
EPI_ISL_513433, EPI_ISL_513434, EPI_ISL_513435 EPI_ISL_513453, EPI_ISL_513454, EPI_ISL_513455 EPI_ISL_513471, EPI_ISL_513472, EPI_ISL_513473	5, EPI_ISL_513436, EPI_ISL_513437, EPI_ISL_513438, EPI 5, EPI_ISL_513456, EPI_ISL_513457, EPI_ISL_513458, EPI 3, EPI_ISL_513474, EPI_ISL_513475, EPI_ISL_513476, EPI 2, EPI_ISL_513493, EPI_ISL_513494, EPI_ISL_513495, EPI	_ISL_513439, EPI_ISL_513440, EPI_ISL_513441, EPI_ISL_5134 _ISL_513459, EPI_ISL_513460, EPI_ISL_513461, EPI_ISL_5134 _ISL_513477, EPI_ISL_513478, EPI_ISL_513479, EPI_ISL_5134	424, EPLISL_513425, EPLISL_513426, EPLISL_513427, EPLISL_513428, EPLISL_513429, EPLISL_513430, EPLISL_513431, EPLISL_513432, 442, EPLISL_513443, EPLISL_513444, EPLISL_513447, EPLISL_513448, EPLISL_513449, EPLISL_513450, EPLISL_513451, EPLISL_513452, EPLISL_513452, EPLISL_513469, EPLISL_513469, EPLISL_513469, EPLISL_513469, EPLISL_513469, EPLISL_513469, EPLISL_513469, EPLISL_513499, EPLISL_513499, EPLISL_513499, EPLISL_513500, EPLISL_513501, EPLISL_513502, EPLISL_513507, EPLISL_513501, EPLISL_513501, EPLISL_513502, EPLISL_513507, EPLISL_513501, EPLISL_5135
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EPI_ISL_428348	Maison de Santé du Val d'Ormois	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Angela Brisebarre; Etienne Simon-Lorière; Flora Donati; Marion Barbet; Maud Vanpeene; Mélanie Albert; Méline Bizard; Sylvie Behillil; Sylvie van der Werf; Vincent Enouf
EPI_ISL_481265	Maryland Department of Health	Maryland Department of Health	Keller, E.
EPI_ISL_454431, EPI_ISL_454435	Maryland Department of Health Laboratories Administration	Maryland Department of Health Laboratories Administration	MDH Laboratories Administration
EPI_ISL_538265, EPI_ISL_538266, EPI_ISL_538267, EPI_ISL_538268	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration
EPLISL_460124, EPLISL_460125, EPLISL_460126 EPLISL_460261, EPLISL_460163, EPLISL_460166 EPLISL_460206, EPLISL_460207, EPLISL_460205 EPLISL_460280, EPLISL_460285, EPLISL_460285 EPLISL_460283, EPLISL_460285, EPLISL_460285 EPLISL_460313, EPLISL_460344, EPLISL_460341 EPLISL_460343, EPLISL_460344, EPLISL_460345 EPLISL_460382, EPLISL_460384, EPLISL_460384 EPLISL_460426, EPLISL_460427, EPLISL_460426	5, EPI_ISL_460128, EPI_ISL_460129, EPI_ISL_460134, EPI 8, EPI_ISL_460170, EPI_ISL_460174, EPI_ISL_460175, EPI 9, EPI_ISL_460212, EPI_ISL_460214, EPI_ISL_460216, EPI 8, EPI_ISL_460288, EPI_ISL_460261, EPI_ISL_460283, EPI 6, EPI_ISL_460317, EPI_ISL_460289, EPI_ISL_460329, EPI 7, EPI_ISL_460341, EPI_ISL_460349, EPI_ISL_460333, EPI 8, EPI_ISL_460341, EPI_ISL_460344, EPI_ISL_460354, EPI 8, EPI_ISL_460344, EPI_ISL_460346, EPI_ISL_46037, EPI	ISL_460137, EPI_ISL_460138, EPI_ISL_460140, EPI_ISL_460 _ISL_460178, EPI_ISL_460179, EPI_ISL_460180, EPI_ISL_4600 _ISL_460221, EPI_ISL_460224, EPI_ISL_460229, EPI_ISL_4600 _ISL_460264, EPI_ISL_46026, EPI_ISL_460267, EPI_ISL_460 _ISL_460329, EPI_ISL_46029, EPI_ISL_460296, EPI_ISL_460 _ISL_460324, EPI_ISL_460324, EPI_ISL_460326, EPI_ISL_460 _ISL_460354, EPI_ISL_460359, EPI_ISL_460362, EPI_ISL_460 _ISL_460397, EPI_ISL_460398, EPI_ISL_460399, EPI_ISL_46	110, EPL ISL 460111, EPL SL 460114, EPL ISL 460115, EPL ISL 460116, EPL ISL 460117, EPL ISL 460118, EPL ISL 460119, EPL ISL 460122, 142, EPL ISL 460143, EPL ISL 460145, EPL ISL 460146, EPL ISL 460203, EPL ISL 460204, EPL ISL 460203, EPL ISL 460205, EPL ISL 46023, EPL ISL 460240, EPL ISL 460241, EPL ISL 46024, EPL ISL 46034, EPL ISL 46044, EPL ISL 46044, EPL ISL 460445, EPL ISL 46045, EPL ISL 460457, EPL ISL 460458, EPL ISL 460457, EPL ISL 460457, EPL ISL 460458, EPL ISL 460457, EPL ISL 460457, EPL ISL 460458, EPL ISL 460457,
see above	Massachusetts General Hospital	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.; Chaluvadi, 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_791514, EPI_ISL_791515, EPI_ISL_791518, EPI_ISL_791519, EPI_ISL_791520, EPI_ISL_791521	Massachusetts State Public Health Laboratory	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.; Chaluvadi, S.; Chapman; Cusick, C.; D.J.; DeRuff, K.; E. and Sabeti; 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, K.; Reilly, S.; Rosenberg; Rudy, M.; Ryan, E.; S.B.; Shaw, B.; Siddle; Slater, D.; Smole, S.; Tomkins-Tinch, C.; Turbett, S.
EPI_ISL_692947	Massachusetts State Public Health Laboratory	Massachusetts State Public Health Laboratory	Andrew Lang; Glen Gallagher; Sandra Smole; Timelia Fink
EPI_ISL_418799, EPI_ISL_418801, EPI_ISL_420878, EPI_ISL_420879	Mater Pathology	Public Health Virology Laboratory	Alyssa Pyke; Amanda De Jong; Andrew Van Den Hurk; Bixing Huang; Carmel Taylor; David Warrilow; Doris Genge; Elisabeth Gamez; Glen Hewitson; Ian Maxwell Mackay; Inga Sultana; Jamie McMahon; Jean Barcelon; Judy Northill; Mitchell Finger; Natalia Simpson; Neelima Nairi, Peter Burtonclay; Peter Moore; Sarah Wheatley; Sean Moody; Sonja Hall-Mendelin; Timothy Gardam; and Frederick Moore
EPI_ISL_420898, EPI_ISL_420899, EPI_ISL_420900), EPI_ISL_420901, EPI_ISL_420902, EPI_ISL_420903, EPI	_ISL_420905, EPI_ISL_420906, EPI_ISL_420907, EPI_ISL_4209	912
see above	Max von Pettenkofer Institute, Virology, National Reference Center for Retroviruses, LMU Munich	Laboratory for Functional Genome Analysis, Dept. Genomics, Gene Center of the LMU Munich	Alexander Graf; Ashok Varadharajan; Helmut Blum; Max Muenchhoff; Oliver Keppler; Stefan Krebs
EPI_ISL_437237, EPI_ISL_437238, EPI_ISL_437244 EPI_ISL_437260, EPI_ISL_437261, EPI_ISL_437262	4, EPI_ISL_437245, EPI_ISL_437246, EPI_ISL_437247, EPI	_ISL_437248, EPI_ISL_437249, EPI_ISL_437250, EPI_ISL_4372	228, EPI_ISL_437229, EPI_ISL_437230, EPI_ISL_437231, EPI_ISL_437232, EPI_ISL_437233, EPI_ISL_437234, EPI_ISL_437235, EPI_ISL_437236, EPI_ISL_437255, EPI_ISL_437255, EPI_ISL_437256, EPI_ISL_437257, EPI_ISL_437258, EPI_ISL_437258, EPI_ISL_437259, EPI_ISL_437270, EPI_ISL_437271, EPI_ISL_437272, EPI_ISL_437273, EPI_ISL_437274, EPI_ISL_437275, EPI_ISL_437276, EPI_ISL_437277,
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EPI_ISL_518863, EPI_ISL_518864, EPI_ISL_518865	5, EPI_ISL_518866, EPI_ISL_518867, EPI_ISL_518868, EPI	_ISL_518869, EPI_ISL_518870, EPI_ISL_518871, EPI_ISL_5188	555, EPLISL_514656, EPLISL_518856, EPLISL_518857, EPLISL_518858, EPLISL_518859, EPLISL_518860, EPLISL_518861, EPLISL_518862, 372, EPLISL_518873, EPLISL_518874, EPLISL_518875, EPLISL_518876, EPLISL_518877, EPLISL_518878, EPLISL_518879, EPLISL_518880, 390, EPLISL_518891, EPLISL_518892, EPLISL_518893, EPLISL_518894, EPLISL_518895, EPLISL_518896, EPLISL_518897, EPLISL_518898,
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EPI_ISL_490978, EPI_ISL_490988, EPI_ISL_490997	7, EPI_ISL_490998, EPI_ISL_490999, EPI_ISL_491000, EPI	I_ISL_491004	
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EPI_ISL_500503, EPI_ISL_500504, EPI_ISL_500505 EPI_ISL_500526, EPI_ISL_500527, EPI_ISL_500528 EPI_ISL_501079, EPI_ISL_501080, EPI_ISL_501081	B, EPI_ISL_500529, EPI_ISL_500530, EPI_ISL_500531, EPI_	ISL_500509, EPI_ISL_500510, EPI_ISL_500511, EPI_ISL_5008 ISL_500533, EPI_ISL_500534, EPI_ISL_500535, EPI_ISL_5008	512, EPI_ISL_500513, EPI_ISL_500514, EPI_ISL_500515, EPI_ISL_500516, EPI_ISL_500519, EPI_ISL_500520, EPI_ISL_500521, EPI_ISL_500525, 536, EPI_ISL_500537, EPI_ISL_500538, EPI_ISL_501073, EPI_ISL_501074, EPI_ISL_501075, EPI_ISL_501076, EPI_ISL_501077, EPI_ISL_501078,
see above	Mayo Clinic Laboratories	University of Washington Virology Lab	Alexander Greninger; Amin Addetia; Hong Xie; Keith R Jerome; Lasata Shrestha; Meei-Li Huang; Pavitra Roychoudhury; Truong Nguyen; Victoria M Rachleff
EPI_ISL_482745, EPI_ISL_482746	Medical Microbiology, Leiden University Medical Center	Medical Microbiology, Leiden University Medical Center	Dalebout; E.J.; J.C.; J.C. and Sidorov, I.; J.J. and Sidorov, I.; N.S.; Ogando; Snijder; T.J.; Zevenhoven; de Vries
EPI_ISL_435281	Medistra Hospital Jakarta	Eijkman Institute for Molecular Biology, Ministry of Research	Amin Soebandrio; David H Muljono; Edison Johar; Frilasita A Yudhaputri; Hidayat Trimarsanto; Khin Saw Myint; Safarina G Malik

EPI_ISL_583428, EPI_ISL_583431, EPI_ISL_583461, EPI_ISL_583462, EPI_ISL_583466, EPI_ISL_583469, EPI_ISL_583472, EPI_ISL_583479

EPI_ISL_581478, EPI_ISL_581479,

EPI_ISL_581480, EPI_ISL_581481,

EPI_ISL_581482, EPI_ISL_581483 EPI_ISL_451553, EPI_ISL_451567 Medizinische Klinik Innere Medizin I, Universitätsklinikum

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NGS Competence Center Tübingen, Institut für Medizinische

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NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney

Dutta; Judith Aberg; Kent Sepkowitz; Miguel-Angel Perales; Ngolela Esther Babady; Sadaf Aslam; Teresa Aydillo; Tobias Hohl; Zenab Khan; and Mini

		icann school of Medicine at Mount Small	Samboj Namboj Netit Sepkowitz, Miguer-Anger Feraes, Ngorea Estrer Dadausy, Sadar Asiani, Feresa Ayunio, Tobias Holli, Zeriao Miari, and Milli Kamboj
EPI_ISL_631832	Metro Urgicare	New York City Public Health Laboratory	Jade Wang; et al.
EPLISL 436827, EPLISL 436829, EPLISL 43 EPLISL 436855, EPLISL 436856, EPLISL 43 EPLISL 4376850, EPLISL 436856, EPLISL 43 EPLISL 437163, EPLISL 437132, EPLISL 43 EPLISL 437163, EPLISL 437132, EPLISL 43 EPLISL 447033, EPLISL 447044, EPLISL 44 EPLISL 447074, EPLISL 447175, EPLISL 44 EPLISL 447209, EPLISL 447211, EPLISL 44 EPLISL 450592, EPLISL 450601, EPLISL 45 EPLISL 452272, EPLISL 452309, EPLISL 45 EPLISL 460008, EPLISL 452309, EPLISL 45 EPLISL 507698, EPLISL 507699, EPLISL 46 EPLISL 507720, EPLISL 507699, EPLISL 50 EPLISL 507720, EPLISL 507786, EPLISL 50 EPLISL 507934, EPLISL 507866, EPLISL 50 EPLISL 507934, EPLISL 507935, EPLISL 50	6830, EPIJSL 436831, EPIJSL 436833, EPIJSL 436834, EPI 6887, EPIJSL 436859, EPIJSL 436881, EPIJSL 436863, EPI 6888, EPIJSL 436886, EPIJSL 436887, EPIJSL 4368689, EPI 7135, EPIJSL 437137, EPIJSL 437138, EPIJSL 437139, EPI 7166, EPIJSL 437170, EPIJSL 437174, EPIJSL 437139, EPI 7107, EPIJSL 447096, EPIJSL 447174, EPIJSL 447111, EPI 7177, EPIJSL 447096, EPIJSL 447199, EPIJSL 447118, EPI 7177, EPIJSL 447178, EPIJSL 447116, EPIJSL 447218, EPI 7121, EPIJSL 447215, EPIJSL 44716, EPIJSL 447218, EPI 7122, EPIJSL 452287, EPIJSL 450607, EPIJSL 450610, EPI 7128, EPIJSL 452287, EPIJSL 45288, EPIJSL 452289, EPI 710, EPIJSL 452311, EPIJSL 452316, EPIJSL 452317, EPI 7100, EPIJSL 452311, EPIJSL 56786, EPIJSL 507684, EPI 7100, EPIJSL 507701, EPIJSL 507702, EPIJSL 507764, EPI 7700, EPIJSL 507743, EPIJSL 507784, EPIJSL 507769, EPIJSL 7807, EPIJSL 507888, EPIJSL 507789, EPIJSL 507789, EPI 7806, EPIJSL 507888, EPIJSL 507889, EPIJSL 507890, EPI 7806, EPIJSL 507888, EPIJSL 507893, EPIJSL 507991, EPI 7806, EPIJSL 507887, EPIJSL 507893, EPIJSL 507991, EPI 7806, EPIJSL 507897, EPIJSL 507893, EPIJSL 507991, EPI 7806, EPIJSL 507897, EPIJSL 507893, EPIJSL 507994, EPI 7806, EPIJSL 507897, EPIJSL 507893, EPIJSL 507994, EPI 7807, EPIJSL 507897, EPIJSL 507893, EPIJSL 507994, EPI 7808, EPIJSL 507897, EPIJSL 507893, EPIJSL 507994, EPI 7809, EPIJSL 507897, EPIJSL 507893, EPIJSL 507894, EPI 7809, EPIJSL 506887, EPIJSL 516332, EPIJSL 516334, EPI 7809, EPIJSL 566887, EPIJSL 516335, EPIJSL 516334, EPI 7809, EPIJSL 566887, EPIJSL 516383, EPIJSL 5668898, EPIJSL 516334, EPI 7809, EPIJSL 566887, EPIJSL 516383, EPIJSL 516384, EPI	ISL 438636, EPI ISL 436838, EPI ISL 436841, EPI ISL 43684 ISL 436864, EPI ISL 436685, EPI ISL 436867, EPI ISL 43684 ISL 437099, EPI ISL 437100, EPI ISL 4371145, EPI ISL 4371 ISL 437140, EPI ISL 437142, EPI ISL 4371145, EPI ISL 4371 ISL 437140, EPI ISL 447057, EPI ISL 447114, EPI ISL 4371 ISL 447106, EPI ISL 447107, EPI ISL 447111, EPI ISL 4471 ISL 447164, EPI ISL 447107, EPI ISL 447111, EPI ISL 4471 ISL 44720, EPI ISL 447121, EPI ISL 447119, EPI ISL 4471 ISL 450612, EPI ISL 447221, EPI ISL 45728, EPI ISL 4471 ISL 450612, EPI ISL 450614, EPI ISL 45292, EPI ISL 4522 ISL 452318, EPI ISL 452291, EPI ISL 45220, EPI ISL 452 ISL 452318, EPI ISL 452319, EPI ISL 45230, EPI ISL 452 ISL 4507685, EPI ISL 507766, EPI ISL 507688, EPI ISL 507 ISL 507705, EPI ISL 507766, EPI ISL 507707, EPI ISL 5077 ISL 507891, EPI ISL 507747, EPI ISL 507707, EPI ISL 5077 ISL 507891, EPI ISL 507747, EPI ISL 507708, EPI ISL 507 ISL 507891, EPI ISL 507794, EPI ISL 5077893, EPI ISL 507 ISL 507932, EPI ISL 507931, EPI ISL 507982, EPI ISL 5078 ISL 507932, EPI ISL 507933, EPI ISL 50793, EPI ISL 51625 ISL 516295, EPI ISL 516248, EPI ISL 51631, EPI ISL 5165 ISL 516295, EPI ISL 516348, EPI ISL 51631, EPI ISL 5165	315, EPI ISL 436818, EPI ISL 436819, EPI ISL 436820, EPI ISL 436821, EPI ISL 436822, EPI ISL 436823, EPI ISL 436824, EPI ISL 436826, EPI ISL 436846, EPI ISL 436854, EPI ISL 436854, EPI ISL 436864, EPI ISL 436866, EPI ISL 436867, EPI ISL 436876, EPI ISL 436876, EPI ISL 436716, EPI ISL 437161, EPI ISL 437161, EPI ISL 437111, EPI ISL 437112, EPI ISL 437112, EPI ISL 437114, EPI ISL 437114, EPI ISL 437114, EPI ISL 437162, EPI ISL 437162, EPI ISL 437162, EPI ISL 437162, EPI ISL 437164, EPI ISL 437165, EPI ISL 437167, EPI ISL 437162, EPI ISL 437164, EPI ISL 437164, EPI ISL 437167, EPI ISL 437162, EPI ISL 437164, EPI ISL 4
see above	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_1068682	Micrbiological Laboratory	Micrbiological Laboratory,Lu`an Center for Disease Control and Prevention	Chang Hongwei; Chen Beilei; Chen Zhichao; Gao Dawei; Li Zhaoyang; Yang Wei; Zhang Feng; Zhang Limei; Zhang Qin; Zhu Rui
EPI_ISL_1069173	Micrbiological Laboratory,Lu`an Center for Disease Control and Prevention	Micrbiological Laboratory,Lu`an Center for Disease Control and Prevention	Chang Hongwei; Chen Beilei; Chen Zhichao; Gao Dawei; Li Zhaoyang; Yang Wei; Zhang Feng; Zhang Limei; Zhang Qin; Zhu Rui
EPI_ISL_1069192	Micrbiological Laboratory,Lu`an Center for Disease Control and Prevention	No.409,Gaocheng Middle Road,Lu`an City,Anhui Provice	Chang Hongwei; Chen Beilei; Chen Zhichao; Gao Dawei; Li Zhaoyang; Yang Wei; Zhang Feng; Zhang Limei; Zhang Qin; Zhu Rui
EPI_ISL_1069193	Micrbiology Laboratory,Lu`an Center for Disease Control and Prevention	Micrbiology Laboratory,Lu`an Center for Disease Control and Prevention	Chang Hongwei; Chen Beilei; Chen Zhichao; Gao Dawei; Li Zhaoyang; Yang Wei; Zhang Feng; Zhang Limei; Zhang Qin; Zhu Rui
EPI_ISL_454353	Microbial Genome Sequencing Center; Microbial Genomic Epidemiology Laboratory	Microbial Genomic Epidemiology Laboratory, University of Pittsburgh	Chinelo Ezeonwuku; Dan Snyder; Jane W. Marsh; Kady D. Waggle; Lee H. Harrison; Marissa P. Griffith; Mustapha M. Mustapha; Stephanie L. Mitchell; Vatsala R. Srinivasa; Vaughn S. Cooper
EPI_ISL_480560, EPI_ISL_480561, EPI_ISL_480772, EPI_ISL_521887, EPI_ISL_563979, EPI_ISL_1055352	Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)	MDU-PHL	M.L.; N.L.; Sait; Sait, M.; Schultz M.; Schultz M. B.; Seemann T.; Seemann, T.; Sherry; Sherry, N.
EPI_ISL_419823, EPI_ISL_419824, EPI_ISL_41 EPI_ISL_420011, EPI_ISL_420012, EPI_ISL_42 EPI_ISL_427055, EPI_ISL_427056, EPI_ISL_42	9825, EPI_ISL_419827, EPI_ISL_419828, EPI_ISL_419829, EPI 0013, EPI_ISL_420014, EPI_ISL_420015, EPI_ISL_420016, EPI_	_ISL_419830, EPI_ISL_419980, EPI_ISL_419999, EPI_ISL_4200 _ISL_420017, EPI_ISL_426906, EPI_ISL_426907, EPI_ISL_4269 _ISL_427062, EPI_ISL_427063, EPI_ISL_427065, EPI_ISL_4270	723, EPI_ISL_419725, EPI_ISL_419726, EPI_ISL_419727, EPI_ISL_419728, EPI_ISL_419729, EPI_ISL_419730, EPI_ISL_419731, EPI_ISL_419732, 2000, EPI_ISL_420001, EPI_ISL_420002, EPI_ISL_420003, EPI_ISL_420006, EPI_ISL_420007, EPI_ISL_420008, EPI_ISL_420009, EPI_ISL_420010, 310, EPI_ISL_426914, EPI_ISL_426917, EPI_ISL_426918, EPI_ISL_426919, EPI_ISL_426920, EPI_ISL_426921, EPI_ISL_426922, EPI_ISL_427054, 2000, EPI_ISL_427068, EPI_ISL_427070, EPI_ISL_420471, EPI_ISL_430472, EPI_ISL_430639, EPI_ISL_430640, EPI_ISL_430643, 2000, EPI_ISL_430641, EPI_ISL_430663, EPI_ISL_430664, EPI_ISL_4306687
see above	Microbiological Diagnostic Unit Public Health Laboratory	Microbiological Diagnostic Unit Public Health Laboratory	Sait, M.; Schultz M.; Seemann T.; Sherry, N.
EPI_ISL_1068593	Microbiological Laboratory	Microbiological Laboratory,Lu`an Center for Disease Control and Prevention	Chang Hongwei; Chen Beilei; Chen Zhichao; Gao Dawei; Li Zhaoyang; Yang Wei; Zhang Feng; Zhang Limei; Zhang Qin; Zhu Rui
	7283, EPI_ISL_447284, EPI_ISL_447285, EPI_ISL_447286, EPI 7302, EPI_ISL_447303, EPI_ISL_447305, EPI_ISL_447306, EPI		290, EPI_ISL_447291, EPI_ISL_447292, EPI_ISL_447293, EPI_ISL_447294, EPI_ISL_447295, EPI_ISL_447296, EPI_ISL_447297, EPI_ISL_447299, 310
see above	Microbiology Division, Barzilai University Medical Center	Stern Lab	Stern Lab
EPI_ISL_539879	Microbiology Division, South Carolina Department of Health and Environmental Control	Microbiology Division, South Carolina Department of Health and Environmental Control	Flores, H.
			PLISL_1069210, EPI_ISL_1069211, EPI_ISL_1069213, EPI_ISL_1069215, EPI_ISL_1069216, EPI_ISL_1069219, EPI_ISL_1081193, EPI_ISL_1081194, PI_ISL_1081325, EPI_ISL_1081325, EPI_ISL_1081326, EPI_ISL_1081331, EPI_ISL_1081340
see above	Microbiology Laboratory,Lu`an Center for Disease Control and Prevention	Microbiology Laboratory,Lu`an Center for Disease Control and Prevention	Chang Hongwei; Chen Beilei; Chen Zhichao; Gao Dawei; Li Zhaoyang; Lu`an Center for Disease Control and Prevention; Microbiology Laboratory; Yang Wei; Zhang Feng; Zhang Limei; Zhang Qin; Zhu Rui
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EPI ISL 1064051, EPI ISL 1064052, EPI ISL 1064053, EPI ISL 1064053, EPI ISL 1064053, EPI ISL 1064064, EPI ISL 1064064, EPI ISL 1064064, EPI ISL 1064066, EPI ISL 1064066, EPI ISL 1064066, EPI ISL 1064066, EPI ISL 1064067, EPI IS EPI_ISL_1064088, EPI_ISL_1064097, EPI_ISL_1064097, EPI_ISL_1064099, EPI_IS EP | SL_ 1064103, EP | SL_ 1064104, EP | SL_ 1064105, EP | SL_ 1064106, EP | SL_ 1064107, EP | SL_ 106 see above Microbiology and Virology Unit, Azienda Ospedale Padova. Department of Molecular Medicine. Computational Medicine Andrea Crisanti: Andrea Soitaleri: Claudia Del Vecchio: Daniela Maria Cirillo: Deian Lazarevic: Elisa Franchin: Enrico Lavezzo: Fabio Simeoni: Federico

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EPI_ISL_1181730, EPI_ISL_1181743, EPI_ISL_1181744, EPI_ISL_1181744, EPI_ISL_1181744, EPI_ISL_1181766, EPI_ISL_1181766, EPI_ISL_1181769, EPI_ISL_1181777, EPI_ISL_1181777, EPI_ISL_1181779, EPI_ISL_1181769, EPI_ISL_1181769, EPI_ISL_1181769, EPI_ISL_1181769, EPI_ISL_1181769, EPI_ISL_1181769, EPI_ISL_1181779, EPI_ISL_1181779, EPI_ISL_1181769, EPI_IS EPI_ISL_1181789, EPI_ISL_1181790, EPI_ISL_1181801, EPI_ISL_1181802, EPI_ISL_1181806, EPI_ISL_1181808, EPI_ISL_1181818

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EPI ISL 486646, EPI ISL 486650, EPI ISL 486651, EPI ISL 486653, EPI ISL 486653, EPI ISL 486659, EPI ISL 486660, EPI ISL 486662, EPI ISL 486663, EPI ISL 486664, EPI ISL 4866659, EPI ISL 486664, EPI ISL 486664, EPI ISL 486664, EPI ISL 486664, EPI ISL 4866659, EPI ISL 4866659, EPI ISL 4866659, EPI ISL 486664, EPI ISL 486664, EPI ISL 486664, EPI ISL 4866659, EPI ISL 486659, EPI ISL 4866659, EPI ISL 4866659, EPI ISL 4866659, EPI ISL 486659, EPI

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EPI ISL 456213, EPI ISL 456214, EPI ISL 456255, EPI ISL 456256, EPI ISL 456256, EPI ISL 456256, EPI ISL 579304, EPI ISL 579305, EPI ISL 579307, EPI ISL 579307 EPI ISL 579308, EPI ISL 579309, EPI ISL 579310, EPI ISL 579313, EPI ISL 579314

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EPI ISL 678275, EPI ISL 678278. EPI_ISL_678279, EPI_ISL_678287

EPI ISL 475721

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EPI_ISL_718150, EPI_ISL_718152,

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EPI ISL 428713, EPI ISL 428715, EPI ISL 428715, EPI ISL 428720, EPI ISL 428720, EPI ISL 429861, EPI ISL 429863, EPI ISL 429868, EPI ISL 429868, EPI ISL 429867, EPI ISL 429868, EPI ISL 429869, EPI ISL 429869 EPI ISL 437307, EPI ISL 437308, EPI ISL 437309, EPI ISL 437310, EPI ISL 437310, EPI ISL 437311, EPI ISL 437312, EPI ISL 437313, EPI ISL 437315, EPI ISL 437315, EPI ISL 437316, EPI ISL 437316, EPI ISL 437316, EPI ISL 437316, EPI ISL 437317, EPI ISL 437317

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EPI_ISL_414589, EPI_ISL_417191, EPI_ISL_417191, EPI_ISL_417192, EPI_ISL_417194, EPI_ISL_417196, EPI_ISL_417470, EPI_ISL_417470, EPI_ISL_417470, EPI_ISL_417470, EPI_ISL_417470, EPI_ISL_417470, EPI_ISL_417470, EPI_ISL_417470, EPI_ISL_417470, EPI_ISL_417490, EPI_ISL_417490, EPI_ISL_417470, EPI_ISL_417470, EPI_ISL_417470, EPI_ISL_417490, EPI_ISL_417490 EPI_ISL_417493, EPI_ISL_417494, EPI_ISL_417494, EPI_ISL_417494, EPI_ISL_417495, EPI_ISL_417496, EPI_ISL_417499, EPI_ISL_417497, EPI_ISL_417499, EPI_ISL_417499 EPI_ISL_419396, EPI_ISL_421687, EPI_ISL_421687, EPI_ISL_421688, EPI_ISL_421688, EPI_ISL_421689, EPI_ISL_421689, EPI_ISL_421699, EPI_ISL_421699 EPI ISL 427287, EPI ISL 427287, EPI ISL 427288, EPI ISL 450759, EPI ISL 450759 EPI ISL 450754 EPI ISL 450755 EPI ISL 450755 EPI ISL 450756 EPI ISL 450766 EPI ISL 450767 EPI ISL 450768 EPI ISL 450768 EPI ISL 450769 EPI IS EPI ISL 450772, EPI ISL 450773, EPI ISL 450775, EPI ISL 450755, EPI ISL 450775, EPI ISL 450755, EPI ISL 450775, EPI ISL 450755, EPI ISL 450755 EPI ISL 460064 EPI ISL 460065 EPI ISL 460066 EPI ISL 460067 EPI ISL 460066 EPI ISL 460066 EPI ISL 460066 EPI ISL 460067 EPI ISL 460066 EPI ISL 460067 EPI IS EPI ISL 460072, EPI ISL 460073, EPI ISL 460075, EPI ISL 460075, EPI ISL 460076, EPI ISL 482996, EPI ISL 482997, EPI ISL 482997 EPI ISL 483000, EPI ISL 483001, EPI ISL 483001, EPI ISL 483001, EPI ISL 483002, EPI ISL 483003, EPI ISL 483014, EPI ISL 483015, EPI ISL 483017, EPI ISL 483017 EPI_ISL_495610, EPI_ISL_495611, EPI_ISL_495611, EPI_ISL_495613, EPI_ISL_495614, EPI_ISL_495614, EPI_ISL_495615, EPI_ISL_495615, EPI_ISL_495615, EPI_ISL_495615, EPI_ISL_495616, EPI_ISL_495617, EPI_ISL_495617, EPI_ISL_495618, EPI_ISL_495618, EPI_ISL_495618, EPI_ISL_495619, EPI_ISL_495619 EPI_ISL_496926, EPI_ISL_496921, EPI_ISL_496921, EPI_ISL_496924, EPI_ISL_496924, EPI_ISL_496925, EPI_ISL_496925, EPI_ISL_496925, EPI_ISL_496926, EPI_ISL_496926, EPI_ISL_496926, EPI_ISL_496927, EPI_ISL_507977, EPI_ISL_50797, EPI_ISL_50797, EPI_ISL_50797, EPI_ISL_50797, EPI_ISL_50797, EPI_ISL_50797, EPI_ EPI_ISL_507978, EPI_ISL_507979, EPI_ISL_507979, EPI_ISL_507980, EPI_ISL_514666, EPI_ISL_514666, EPI_ISL_514666, EPI_ISL_514666, EPI_ISL_514666, EPI_ISL_514666, EPI_ISL_514667, EPI_ISL_514668, EPI_ISL_514669, EPI_ISL_514669 EPI ISL 514670, EPI ISL 514671, EPI ISL 514672, EPI ISL 515269, EPI ISL 530222, EPI ISL 530223, EPI ISL 530224

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EPI ISL 1362552, EPI ISL 1362553, EPI ISL 1362554, EPI ISL 1362555, EPI ISL 1362555, EPI ISL 1362556, EPI ISL 1362569, EPI IS EPI ISL 1362571, EPI ISL 1362572, EPI ISL 1362573, EPI ISL 1362573, EPI ISL 1362573, EPI ISL 1362593, EPI IS

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EPI_ISL_435120, EPI_ISL_435121, EPI_ISL_435121, EPI_ISL_435122, EPI_ISL_435123, EPI_ISL_435123, EPI_ISL_435135, EPI_ISL_435137, EPI_ISL_435137 EPI ISL 435138, EPI ISL 435139, EPI ISL 435139, EPI ISL 435140, EPI ISL 435140, EPI ISL 435141, EPI ISL 520722, EPI ISL 520721, EPI ISL 520722, EPI ISL 520723, EPI ISL 520724, EPI ISL 520724, EPI ISL 520725, EPI ISL 520726, EPI ISL 520726, EPI ISL 520726, EPI ISL 520726, EPI ISL 520727, EPI ISL 520727 EPI ISL 520725, EPI ISL 520726, EPI ISL 520727, EPI ISL 520728, EPI ISL 520743

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EPI_ISL_421573

Molecular Diagnostic Services

KRISP, KZN Research Innovation and Sequencing Platform

Chimukangara B; Deforche K; Giandhari J; Lessells R; Ngcapu S; Pillay S; Samsunder N; Tegally H; Wilkinson E; de Oliveira T

EPI ISL 467431, EPI ISL 467444,

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FPI ISI 467446 EPI_ISL_444455, EPI_ISL_444519 EPI ISL 681673

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EPI ISL 884532, EPI ISL 884534, EPI ISL 884534, EPI ISL 884534, EPI ISL 884534, EPI ISL 884544, EPI ISL 884544, EPI ISL 8845454, EPI ISL 884549, EPI ISL 884554, EPI ISL 884554, EPI ISL 884549, EPI ISL 884549, EPI ISL 884549, EPI ISL 884549, EPI ISL 884554, EPI ISL 884549, EPI ISL 88454 EPI ISL 884568, EPI ISL 884570, EPI ISL 884571, EPI ISL 884573, EPI ISL 884576

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EPI_ISL_895738, EPI_ISL_895731, EPI_ISL_895731, EPI_ISL_895737, EPI_ISL_895735, EPI_ISL_895741, EPI_ISL_895741, EPI_ISL_895747, EPI_ISL_895747 EPI ISL 895761, EPI ISL 895762, EPI ISL 895766, EPI ISL 895776, EPI ISL 895776, EPI ISL 895776, EPI ISL 895778, EPI ISL 895781, EPI ISL 895782, EPI ISL 895783, EPI ISL 895783, EPI ISL 895784, EPI ISL 895785, EPI ISL 895785, EPI ISL 895785, EPI ISL 895786, EPI ISL 895785, EPI ISL 895785

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EPI_ISL_895790, EPI_ISL_895791, EPI_ISL_895791, EPI_ISL_895794, EPI_ISL_895794, EPI_ISL_895805, EPI_ISL_895805, EPI_ISL_895805, EPI_ISL_895805, EPI_ISL_895817, EPI_ISL_895817, EPI_ISL_895821, EPI_ISL_895823, EPI_ISL_895824, EPI_ISL_895825, EPI_ISL_895825 EPI_ISL_895826, EPI_ISL_895828, EPI_ISL_895829, EPI_ISL_895829, EPI_ISL_895830, EPI_ISL_895830, EPI_ISL_895833, EPI_ISL_895837, EPI_ISL_895837, EPI_ISL_895839, EPI_ISL_895842, EPI_ISL_895842, EPI_ISL_895843, EPI_ISL_895843, EPI_ISL_895843, EPI_ISL_895843, EPI_ISL_895844, EPI_ISL_895844, EPI_ISL_895844, EPI_ISL_895845, EPI_ISL_895844, EPI_ISL_895844, EPI_ISL_895844, EPI_ISL_895845, EPI_ISL_895844, EPI_ISL_895844, EPI_ISL_895844, EPI_ISL_895845, EPI_ISL_895844, EPI_ISL_895844, EPI_ISL_895844, EPI_ISL_895845, EPI_ISL_895844, EPI_ISL_895844, EPI_ISL_895845, EPI_ISL_895845, EPI_ISL_895844, EPI_ISL_895844, EPI_ISL_895845, EPI_ISL_895845

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and Diagnostics, Charles University, Faculty of Medicine in and Diagnostics, Charles University, Faculty of Medicine in with BioVendor-R&D and bioinformatics company BIOXSYS s r.o. Hradec Králové and University Hospital Hradec Králové Hradec Králové and University Hospital Hradec Králové

EPI ISL 460096. EPI ISL 460604. EPI ISL 460604. EPI ISL 460605. EPI ISL 462149. EPI ISL 462150, EPI ISL 467774, EPI ISL 467775, EPI ISL 479620, EPI ISL 479620, EPI ISL 479624, EPI ISL 479624, EPI ISL 486815, EPI ISL 486816, EPI ISL 486817, EPI ISL 486818, EPI ISL 486819, EPI ISL 479620, EPI ISL 479620 EPI_ISL_486821, EPI_ISL_486822, EPI_ISL_486823, EPI_ISL_486824, EPI_ISL_486825, EPI_ISL_486826, EPI_ISL_534347, EPI_ISL_534348, EPI_ISL_534349, EPI_ISL_610237, EPI_ISL_610238

see above Molecular diagnostic laboratory of Federal Budget Institution of Group of Genomics and Postgenomic Technologies of Central Akimkin VG: Bukharina AY: Bulanenko VP: Kaptelova VV: Korneenko EV: Samoilov AE: Shipulina OY: Sizova TV: Speranskava AS: Tivanova EV: Science "Central Research Institute of Epidemiology" of The Research Institute of Epidemilology Valdokhina AV Federal Service on Customers' Rights Protection and Human Well-heing Surveillance EPI ISL 826641, EPI ISL 826642. Montefiore Medical Cente Albert Finstein College of Medicine, Dept. of Microbiology & Amy S. Fox: Ariel S. Wirchnianski: Aviv Bergman: Catalina Florez: D. Yitzchak Goldstein: David L. Goldman: Denise Haslwanter: Ethan Laudermilch: Hnin Khine: J. Maximilian Fels: Jason Barnhill: Johanna P. Daily: Karin A. Skalina: Kartik Chandran: Libusha Kelly: Lucia R. Wolgast: M. Eugenia Dieterle: EPI ISL 826643, EPI ISL 826644 Immunology, Chandran lab EPI ISL 826645, EPI ISL 826646 Robert H. Bortz III: Robit K. Jangra: Ryan Forster: Saad Khan; Surksha Sirichand: Wendy Szymczak: William B. Mitchell EPI ISL 631513, EPI ISL 631560, Montefiore Medical Cente New York City Public Health Laboratory Jade Wang; et al. EPI ISL 631561, EPI ISL 631982, EPI ISL 632111

EPI_ISL_426883, EPI_ISL_426884, EPI_ISL_426885, EPI_ISL_426886, EPI_ISL_426886, EPI_ISL_426887, EPI_ISL_426888, EPI_ISL_426887, EPI_ISL_42687, EPI_ISL_426887, EPI_ISL_426887, EPI_ISL_426887, EPI_ISL_426887, EPI_ISL_426887,

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FPLISE 631512 FPLISE 631525 FPLISE 631532 FPLISE 631534 FPLISE 631537 FPLISE 631549 FPLISE 631764 FPLISE 631785 FPLISE 631786 FPLISE 631786 FPLISE 631830 FPLISE 631983

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see above	Mount Sinai Hospital	New York City Public Health Laboratory	Jade Wang; et al.
EPI_ISL_632101, EPI_ISL_632102	Mount Sinai Queens	New York City Public Health Laboratory	Jade Wang; et al.
EPI_ISL_631880	Mount Sinai West	New York City Public Health Laboratory	Jade Wang; et al.
EPI_ISL_424871, EPI_ISL_424872, EPI_ISL_424873, EPI_ISL_426428, EPI_ISL_452124, EPI_ISL_452126	NC State Laboratory of Public Health	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Alison S. Laufer Halpin; Anna Montmayeur; Anna Uehara; Christopher A. Elkins; Clinton R. Paden; Haibin Wang; Jing Zhang; Krista Queen; Mary S. Keckler; Rachel Marine; Suxiang Tong; Yan Li; Ying Tao; Zachary Weiner
EPI_ISL_424874, EPI_ISL_424875	NE Public Health Laboratory	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Alison S. Laufer Halpin; Anna Uehara; Christopher A. Elkins; Clinton R. Paden; Haibin Wang; Jing Zhang; Krista Queen; Mary S. Keckler; Rachel Marine; Suxiang Tong; Yan Li; Ying Tao
EPI_ISL_420791, EPI_ISL_420792	NH Department of Health and Human Services Public Health Labs	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Alison S. Laufer Halpin; Anne Uehara; Christopher A. Elkins; Clinton R. Paden; Haibin Wang; Jasmine Padilla; Jing Zhang; Justin Lee; Krista Queen; Mary S. Keckler; Rachel Marine; Suxiang Tong; Yan Li; Ying Tao
EPI_ISL_424876, EPI_ISL_424877	NH Dept. of Health and Human Services Public Health Labs	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Alison S. Laufer Halpin; Anna Uehara; Christopher A. Elkins; Clinton R. Paden; Haibin Wang; Jing Zhang; Krista Queen; Mary S. Keckler; Rachel Marine; Suxiang Tong; Yan Li; Ying Tao
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EPI_ISL_467441, EPI_ISL_467442, EPI_ISL_467443	NHLS-IALCH	KRISP, KZN Research Innovation and Sequencing Platform	Chimukangara B; Giandhari J; Khan S; Lessells R; Mdlalose K; Pillay S; Tegally H; Wilkinson E; York D; de Oliveira T
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EPI ISL 459530, EPI ISL 459532, EPI ISL 459 EPI ISL 459538, EPI ISL 459559, EPI ISL 459 EPI ISL 459584, EPI ISL 459569, EPI ISL 459 EPI ISL 459684, EPI ISL 459686, EPI ISL 459 EPI ISL 459635, EPI ISL 459660, EPI ISL 459 EPI ISL 459639, EPI ISL 459660, EPI ISL 459 EPI ISL 459689, EPI ISL 459660, EPI ISL 459 EPI ISL 459689, EPI ISL 459690, EPI ISL 459 EPI ISL 459709, EPI ISL 459710, EPI ISL 459 EPI ISL 469941, EPI ISL 459943, EPI ISL 469 EPI ISL 469945, EPI ISL 469946, EPI ISL 469 EPI ISL 469947, EPI ISL 469966, EPI ISL 469 EPI ISL 469937, EPI ISL 469938, EPI ISL 469 EPI ISL 469937, EPI ISL 4693392, EPI ISL 439 EPI ISL 469576, EPI ISL 4893392, EPI ISL 439	533, EPI ISL 459534, EPI ISL 459535, EPI ISL 459536, EPI 560, EPI ISL 459561, EPI ISL 459562, EPI ISL 459563, EPI 560, EPI ISL 459569, EPI ISL 459569, EPI 581, 459569, EPI 581, 459618, EPI 610, EPI 611, EPI 611, EPI 611, EPI 611, EPI 612, 459662, EPI ISL 459665, EPI 613, EPI 613, EPI 614, EPI 615, EPI 615, EPI 615, EPI 616, EPI 616, EPI 616, EPI 616, EPI 616, EPI 617, EPI 618, EPI 619, E	ISL 459538, EPI ISL 459539, EPI ISL 459542, EPI ISL 459 ISL 459565, EPI ISL 459566, EPI ISL 459568, EPI ISL 459 ISL 459593, EPI ISL 459594, EPI ISL 459555, EPI ISL 459 ISL 459617, EPI ISL 459619, EPI ISL 459621, EPI ISL 459 ISL 459667, EPI ISL 459614, EPI ISL 459667, EPI ISL 459 ISL 459667, EPI ISL 459668, EPI ISL 459670, EPI ISL 459 ISL 459695, EPI ISL 459668, EPI ISL 459670, EPI ISL 459 ISL 459716, EPI ISL 459918, EPI ISL 459972, EPI ISL 459 ISL 469948, EPI ISL 469949, EPI ISL 469950, EPI ISL 469 ISL 469933, EPI ISL 469937, EPI ISL 469997, EPI ISL 469 ISL 469933, EPI ISL 469934, EPI ISL 469997, EPI ISL 469 ISL 469484, EPI ISL 469994, EPI ISL 469997, EPI ISL 469 ISL 469448, EPI ISL 469994, EPI ISL 469997, EPI ISL 469 ISL 469448, EPI ISL 469994, EPI ISL 469997, EPI ISL 469	520, EPI_ISL_459521, EPI_ISL_459522, EPI_ISL_459524, EPI_ISL_459525, EPI_ISL_459526, EPI_ISL_459527, EPI_ISL_459528, EPI_ISL_459529, 544, EPI_ISL_459546, EPI_ISL_459546, EPI_ISL_459546, EPI_ISL_459546, EPI_ISL_459557, EPI_ISL_459550, EPI_ISL_459552, EPI_ISL_459556, EPI_ISL_459557, EPI_ISL_459576, EPI_ISL_459578, EPI_ISL_459578, EPI_ISL_459560, EPI_ISL_459583, EPI_ISL_459576, EPI_ISL_459576, EPI_ISL_459578, EPI_ISL_459578, EPI_ISL_459580, EPI_ISL_459583, EPI_ISL_459589, EPI_ISL_459589, EPI_ISL_459589, EPI_ISL_459607, EPI_ISL_459607, EPI_ISL_459607, EPI_ISL_459624, EPI_ISL_459624, EPI_ISL_459625, EPI_ISL_459626, EPI_ISL_459624, EPI_ISL_459631, EPI_ISL_469931, EPI_

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EPI_ISL_452202, EPI_ISL_452203, EPI_ISL_452203, EPI_ISL_454520, EPI_ISL_454520, EPI_ISL_454520, EPI_ISL_454520, EPI_ISL_454530, EPI_ISL_454530 EPI_ISL_454542, EPI_ISL_454543, EPI_ISL_454565

EPI ISL 489601, EPI ISL 489601, EPI ISL 489602, EPI ISL 489603, EPI ISL 489604, EPI ISL 489608, EPI ISL 489612, EPI ISL 489623, EPI ISL 489623, EPI ISL 489625, EPI ISL 489625, EPI ISL 489625, EPI ISL 489626, EPI ISL 489627, EPI ISL 489627, EPI ISL 489627, EPI ISL 489628, EPI ISL 489628, EPI ISL 489628, EPI ISL 489628, EPI ISL 489629, EPI ISL 489629 EPI_ISL_489627, EPI_ISL_489632, EPI_ISL_489633, EPI_ISL_489633, EPI_ISL_489633, EPI_ISL_489633, EPI_ISL_489649, EPI_ISL_489649 EPI ISL 489654, EPI ISL 489656, EPI ISL 489656, EPI ISL 489666, EPI ISL 489666, EPI ISL 489666, EPI ISL 489667, EPI ISL 489668, EPI ISL 489669, EPI ISL 489669 EPI ISL 489680, EPI ISL 489680, EPI ISL 489683, EPI ISL 489683, EPI ISL 489684, EPI ISL 489690, EPI ISL 489690

NIV Influenza NIV Influenza

EPI ISL 450323, EPI ISL 450324 NIV Pune CSIR-Centre for Cellular and Molecular Biology EPI ISL 450325

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Paden: Haibin Wang: Jing Zhang: Krista Queen: Peter Cook: Rachel Marine: Suxiang Tong: Yan Li; Ying Tao Viral Diseases, Centers for Disease Control and Prevention EPI_ISL_416742, EPI_ISL_416743 NRL for Influenza, Centrum Epidemiology and Microbiology of Charite Universitaetsmedizin Berlin, Institute of Virology Akexander Nagy; Barbara Muehlemann; Christian Drosten; Dusan Trnka; Helena Jirincova; Jaromira Vecerova; Jorn Beheim-Schwarzbach; Julia National Institute of Public Health, Czech Republic Schneider; Ludmila Novakova; Talitha Veith; Terry Jones; Victor M Corman EPI ISL 458579, EPI ISL 458580, EPI ISL 458580, EPI ISL 458580, EPI ISL 458580, EPI ISL 458606, EPI ISL 458606, EPI ISL 458606, EPI ISL 458606, EPI ISL 458607, EPI ISL 458607, EPI ISL 458607, EPI ISL 458609, EPI ISL 458607, EPI ISL 458609, EPI ISL 458609 EPI ISL 458613, EPI ISL 458614, EPI ISL 458614, EPI ISL 458615, EPI ISL 458614, EPI ISL 458614, EPI ISL 458626, EPI ISL 458626, EPI ISL 458628, EPI ISL 458618, EPI ISL 458628, EPI ISL 458618, EPI ISL 458628, EPI ISL 458628 EPI ISL 458633, EPI ISL 458635, EPI ISL 458636, EPI ISL 458640, EPI ISL 458650, EPI ISL 458650 EPI ISL 458657, EPI ISL 458667, EPI ISL 458660, EPI ISL 458680, EPI ISL 458680 EPI ISL 458690, EPI ISL 458691, EPI ISL 458691, EPI ISL 458694, EPI ISL 458694, EPI ISL 458694, EPI ISL 458706, EPI ISL 458709, EPI ISL 458709 EPI ISL 458717, EPI ISL 458718, EPI ISL 458718, EPI ISL 488458, EPI ISL 488459, EPI ISL 488464, EPI ISL 488467, EPI ISL 488477, EPI ISL 488477, EPI ISL 488477, EPI ISL 488477, EPI ISL 488478, EPI ISL 488479, EPI ISL 488478, EPI ISL 488478, EPI ISL 488478, EPI ISL 488479, EPI ISL 488479 EPI ISL 488479, EPI ISL 488480, EPI ISL 488490, EPI ISL 488490 EPI ISL 488506, EPI ISL 488507, EPI ISL 488507, EPI ISL 488507, EPI ISL 488510, EPI ISL 488510, EPI ISL 488523, EPI ISL 488523, EPI ISL 488525, EPI ISL 488525, EPI ISL 488526, EPI ISL 488527, EPI ISL 488527, EPI ISL 488528, EPI ISL 488528 EPI ISL 488536, EPI ISL 488536, EPI ISL 488537, EPI ISL 488536, EPI ISL 488537, EPI ISL 488538, EPI ISL 488538, EPI ISL 488548, EPI ISL 488548 EPI ISL 488551, EPI ISL 488554, EPI ISL 488555, EPI ISL 488555, EPI ISL 488555, EPI ISL 4885571, EPI ISL 4885671, EPI ISL 488571, EPI ISL 488571, EPI ISL 488571, EPI ISL 488571, EPI ISL 488573, EPI ISL 4885 EPI ISL 488576, EPI ISL 488576, EPI ISL 488579, EPI ISL 488587, EPI ISL 488587, EPI ISL 488587, EPI ISL 488589, EPI ISL 488599, EPI ISL 488599 EPI ISL 488604, EPI ISL 488605, EPI ISL 488605, EPI ISL 488605, EPI ISL 488606, EPI ISL 488607, EPI ISL 488613, EPI ISL 488626, EPI ISL 488626, EPI ISL 488627, EPI ISL 488628, EPI ISL 488627, EPI ISL 488628, EPI ISL 488628 EPI ISL 488633, EPI ISL 488635, EPI ISL 488635, EPI ISL 488644, EPI ISL 488644, EPI ISL 488646, EPI ISL 488659, EPI ISL 488659 EPI ISL 488666, EPI ISL 488667, EPI ISL 488667, EPI ISL 488669, EPI ISL 488670, EPI ISL 488670, EPI ISL 488670, EPI ISL 488680, EPI ISL 488680 EPI ISL 488695, EPI ISL 488704, EPI ISL 488705, EPI ISL 488705, EPI ISL 488706, EPI ISL 488706, EPI ISL 488705, EPI ISL 488705 EPI ISL 488720, EPI ISL 488720, EPI ISL 488724, EPI ISL 488725, EPI ISL 488727, EPI ISL 488727, EPI ISL 488729, EPI ISL 488739, EPI ISL 488741, EPI ISL 488741, EPI ISL 488741, EPI ISL 488739, EPI ISL 488739, EPI ISL 488739, EPI ISL 488741, EPI ISL 488741 EPI ISL 488744, EPI ISL 488746, EPI ISL 488746, EPI ISL 488748, EPI ISL 488750, EPI ISL 488760, EPI ISL 488760 EPI ISL 488765, EPI ISL 488766, EPI ISL 488766, EPI ISL 488779, EPI ISL 488780, EPI ISL 488780 EPI ISL 488797, EPI ISL 488797, EPI ISL 488798, EPI ISL 488799, EPI ISL 488799, EPI ISL 488799, EPI ISL 488790, EPI ISL 488790, EPI ISL 488800, EPI ISL 488800 EPI_ISL_488805, EPI_ISL_488806, EPI_ISL_488806, EPI_ISL_488809, EPI_ISL_488809, EPI_ISL_488810, EPI_ISL_488810 EPLISI, 488824, EPLISI, 488825, EPLISI, 488826, EPLISI, 488828, EPLISI, 488829, EPLISI, 488830, EPLISI, 488831, EPLISI, 488832, EPLISI, 488834, EPLISI, 488834 Wellcome Sanger Institute for the COVID-19 Genomics UK Andrew Nelson; Brendan Payne; Chris Duncan; Clive Graham; Cordelia Langford; Darren Smith and Alex Alderton; David K. 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see above	NYU Langone Health	Departments of Pathology and Medicine, New York University School of Medicine	Adriana Heguy; Alireza Khodadadi-Jamayran; Amy Rapkiewicz; Andre M. Ribeiro-dos-Santos; Andrew Lytle; Antonio Serrano; Brendan Belovarac; Christian Marier; Dacia Dimartino; Emily Guzman; Emily Huang; Gael Westby; George Jour; Guomiao Shen; Iman Osman; Jared Pinnell; John Cadley; John Chen; Lawrence H. Lin; Ludovic Boytard; Margaret Black; Maria Aguero-Rosenfeld; Marie Samanovic-Golden; Mark J. Mulligan; Matija Snuderl; Matthew T. Maurano; Megan Hogan; Nick Vulpescu; Paolo Cotzia; Paul Zapplie; Peter Meyn; Raquel Ordonez Ciriza; Raven Luther; Sitharam Ramaswami; Tatyana Gindin; Theodore Vougiouklakis; Vanessa Raabe; Xiaojun Feng; Yutong Zhang
EPI_ISL_631515, EPI_ISL_631523, EPI_ISL_6	631526, EPI_ISL_631527, EPI_ISL_631531, EPI_ISL_631558, EPI_I	SL_631559, EPI_ISL_632043, EPI_ISL_632044, EPI_ISL_6320	J67, EPI_ISL_632076, EPI_ISL_632079
see above	NYU Langone Health	New York City Public Health Laboratory	Jade Wang; et al.
EPI_ISL_479997, EPI_ISL_479998, EPI_ISL_479999, EPI_ISL_480000, EPI_ISL_480001	Nagano Environmental Conservation Research Institute	Pathogen Genomics Center, National Institute of Infectious Diseases	Hajime Kamiya; Kentaro Itokawa; Makoto Kuroda; Masanori Hashino; Motoi Suzuki; Naoko Shimodaira; Rina Tanaka; Tsuyoshi Sekizuka
EPI_ISL_480003	Nagasaki Prefectural Institute for Environmental Research and Public Health	Pathogen Genomics Center, National Institute of Infectious Diseases	Fumiaki Matsumoto; Hajime Kamiya; Kentaro Itokawa; Makoto Kuroda; Masanori Hashino; Motoi Suzuki; Rina Tanaka; Tsuyoshi Sekizuka
EPI_ISL_480042, EPI_ISL_480043, EPI_ISL_4 EPI_ISL_480060, EPI_ISL_480061, EPI_ISL_4		SL_480048, EPI_ISL_480049, EPI_ISL_480050, EPI_ISL_4800	051, EPI_ISL_480052, EPI_ISL_480053, EPI_ISL_480054, EPI_ISL_480055, EPI_ISL_480056, EPI_ISL_480057, EPI_ISL_480058, EPI_ISL_480059,
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EPI_ISL_862859	Nara Medical University Hospital	Fujita health University, School of Medicine, Department of Microbiology	Masahiro suzuki; Yohei Doi
EPI_ISL_452229, EPI_ISL_452230	Narhalsan Backa vardcentral	The Public Health Agency of Sweden	Anna Risberg; Anna-Malin Linde; Karin Tegmark-Wisell; Maria Lind Karlberg; Mats Olsson; Mia Brytting; Olov Svartstrom; Oskar Karlsson Lindsjo; Theresa Enkirch
EPI_ISL_445224	Narhalsan Olskroken VC	The Public Health Agency of Sweden	Anna Risberg; Anna-Malin Linde; Karin Tegmark-Wisell; Mahin Ghoroghi; Maria Lind Karlberg; Mia Brytting; Olov Svartstrom; Oskar Karlsson Lindsjo; Theresa Enkirch
EPI_ISL_454572	National Center of Expertise	National Center for Expertise, Kazakhstan National Center for Biotechnology, Kazakhstan	; Abdaliyev Askar; Akhmetollayev Ilyas; Amirgazin Asylulan; Aushakhmetova Zabira; Kalendar Ruslan; Lutsay Viktoriya; Rakhmetova Akbota; Ramankulov Yerlan; Shevtsov Alexandr
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EPI_ISL_436413, EPI_ISL_436414, EPI_ISL_4	436415, EPI_ISL_436417, EPI_ISL_436418, EPI_ISL_436419, EPI_I	SL_436420, EPI_ISL_436421, EPI_ISL_436422	
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EPI_ISL_435083, EPI_ISL_435084, EPI_ISL_4		SL_435090, EPI_ISL_435091, EPI_ISL_435092, EPI_ISL_4350	069, EPI_ISL_435070, EPI_ISL_435071, EPI_ISL_435072, EPI_ISL_435074, EPI_ISL_435078, EPI_ISL_435080, EPI_ISL_435081, EPI_ISL_435082, 093, EPI_ISL_435094, EPI_ISL_435095, EPI_ISL_435096, EPI_ISL_435096, EPI_ISL_435097, EPI_ISL_435099, EPI_ISL_435100, EPI_ISL_435101, EPI_ISL_435102,
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EPI_ISL_435083, EPI_ISL_435084, EPI_ISL_4		ISL_435090, EPI_ISL_435091, EPI_ISL_435092, EPI_ISL_435	5069, EPI_ISL_435070, EPI_ISL_435071, EPI_ISL_435072, EPI_ISL_435074, EPI_ISL_435078, EPI_ISL_435080, EPI_ISL_435081, EPI_ISL_435082, EPI_ISL_435094, EPI_ISL_435095, EPI_ISL_435096, EPI_ISL_435097, EPI_ISL_435099, EPI_ISL_435100, EPI_ISL_435101, EPI_ISL_435102, EPI_ISL_435095, EPI_ISL_
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EPI_ISL_407988, EPI_ISL_414378, EPI_ISL_4	14379, EPI_ISL_414380, EPI_ISL_420099, EPI_ISL_420100, EPI_	.ISL_420101, EPI_ISL_420102, EPI_ISL_420103, EPI_ISL_420	0104, EPI_ISL_420105, EPI_ISL_420106, EPI_ISL_420107, EPI_ISL_420108, EPI_ISL_420109, EPI_ISL_420110, EPI_ISL_420111
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EPI_ISL_560386	National Health Laboratory	Botswana Institute for Technology Research and innovation	Dineo Emang Tshiamo. Gape Nyepetsi; Kefentse Arnold Tumedi; Madisa Mine; Maitshwarelo Ignatius Matsheka; Thongbotho Mphoyakgosi
EPI_ISL_464113, EPI_ISL_464114	National Health Laboratory Service (NHLS), Tygerberg	Division of Medical Virology, Stellenbosch University and National Health Laboratory Service (NHLS)	Bronwyn Kleinhans; Eduan Wilkindon; Gert van Zyl; Hourilyah Tegally; Kayla Delaney; Susan Engelbrecht; Tulio de Oliveira; Wolfgang Preiser
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EPI_ISL_456600	National Health Laboratory, Timor-Leste	Microbiological Diagnostic Unit Public Health Laboratory, The Peter Doherty Institute for Infection and Immunity	Antonia da Costa, E.; Baird, R.; Barreto, I.; Caly, L.; Canisia, D.; Dakh, F.; Dolores de Jesus da Costa, M.; Douglas, N.; Francis, J.; Freeman, K.; Jayanti Pereira Tilman, A.; Marr, I.; Sait, M.; Salles de Sousa, A.; Schultz, M.; Seemann, T.; Sherry, N.; Soares da Silva, E.; Wapling, J.; Ximenes, J.
			5316, EPI_ISL_435317, EPI_ISL_455694, EPI_ISL_455695, EPI_ISL_455696, EPI_ISL_455697, EPI_ISL_455698, EPI_ISL_455699, EPI_ISL_455700, 1893, EPI_ISL_511894, EPI_ISL_511895, EPI_ISL_511896, EPI_ISL_511897
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EPI_ISL_416031, EPI_ISL_416032, EPI_ISL_416035	National Influenza Center - Instituto Adolfo Lutz	Instituto Adolfo Lutz, Interdiciplinary Procedures Center, Strategic Laboratory	Adriana Bugno; Adriano Abbud; Carlos Henrique Camargo; Claudia Regina Gonçalves; Claudio Tavares Sacchi; Daniela Bernardes Borges da Silva; Erica Valessa Ramos Gomes; Fabiana Cristina Pereira dos Santos; Maria do Carmo Sampaio Tavares Timenetsky; Simone Guadagnucci Morillo; Terezinha Maria de Paiva
EPI_ISL_420551, EPI_ISL_420555, EPI_ISL_424364, EPI_ISL_424365, EPI_ISL_426179	National Influenza Center, Indian Council of Medical Research - National Institute of Virology	Indian Council of Medical Research-National Institute of Virology, Microbial Containment Complex	Amita Jain; Anita M. Shete; Anita Shete-Aich; Atanu Basu; Bharati Malhotra; Bharti Malhotra; Deepika Chaudhary; Dimpal A. Nyayanit; Gajanan Sapkal; Gururaj Deshpande; Hitesh Dighe; Lalit Dar; M Choudhary; Manohar. L. Chaudhary; Padinjaremattathil Thankappan Ullas; Pragya D. Yadav, Pragya D. Yadav. Savita Patil; Pranita Gawande; Prasad Sarkale; Priya Abraham; Sarah Cherian; Savita Patil; Sreelekshmy Mohandas; Tripama Majumdar; Varsha Potdar

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EPI_ISL_416427, EPI_ISL_416428,

EPI_ISL_416429, EPI_ISL_416430,

EPI_ISL_416431

EPI_ISL_660542

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EPI_ISL_596386	National Institute for Allergy and Infectious Diseases Integrated Research Facility - Frederick (NIAID IRF- Frederick), National Institutes of Health (NIH)	National Institute for Allergy and Infectious Diseases Integrated Research Facility - Frederick (NIAID IRF- Frederick), National Institutes of Health (NIH)	B. and Palacios, G.; Beitzel; J.R.; Kocher, G.; Kugelman
EPI_ISL_402125	National Institute for Communicable Disease Control and Prevention (ICDC) Chinese Center for Disease Control and Prevention (China CDC)	National Institute for Communicable Disease Control and Prevention (ICDC) Chinese Center for Disease Control and Prevention (China CDC)	Chen; Dai; FH.; Hu, Y.; JH.; JJ.; JL. and Zhu; Liu, Y.; Pei; QM.; She; Song; TY.; Tao; Tian; Wang; Wang, W.; Wu, F.; Xu, L.; YL; YM.; YY.; YZ.; Yu, B.; ZG.; ZW.; Zhang; Zhao, S.; Zheng
EPI_ISL_417186, EPI_ISL_430297	National Institute for Communicable Diseases of the National Health Laboratory Service	National Institute for Communicable Diseases of the National Health Laboratory Service	A; Allam M; Bhiman JN; Ismail A; Khumalo Z; Kwenda S; Mohale T; Subramoney K; van Heusden P; von Gottberg
EPI_ISL_408480, EPI_ISL_408481, EPI_ISL_40	08482, EPI_ISL_408484, EPI_ISL_408485, EPI_ISL_408486, EPI_	ISL_408488	
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EPI_ISL_402119, EPI_ISL_402120, EPI_ISL_402121	National Institute for Viral Disease Control and Prevention, China CDC	National Institute for Viral Disease Control and Prevention, China CDC	Faxian ZhanWeifeng ShiBaoying HuangJun LiuLi ZhaoYao MengFei YeNa Zhu; Ji Wang; Weimin Zhou; Weimin ZhouPeihua NiuPeipei LiuFaxian ZhanWeifeng ShiBaoying HuangJun LiuLi ZhaoYao MengXiaozhou HeFei YeNa ZhuYang LiJing ChenWenbo XuGeorge F. GaoGuizhen Wu; Wenjie TanXiang ZhaoWenling WangXuejun MaYongzhong JiangRoujian LuJi WangDeinjie TanXiang Abmelning WangXuejun MaYongzhong JiangRoujian LuJi WangWeimin ZhouPeihua NiuPeipei LiuFaxian ZhanWeifeng ShiBaoying HuangJun LiuLi ZhaoYao MengXiaozhou HeFei YeNa ZhuYang LiJing ChenWenbo XuGeorge F. GaoGuizhen Wu; Wenjie TanXuejun MaXiang ZhaoWenling WangYongzhong JiangRoujian LuJi WangPeihua Niu; Xiaozhou HePeipei Liu; Yang LiJing ChenWenbo XuGeorge F. GaoGuizhen Wu
EPI_ISL_434534	National Institute for Viral Disease Control and Prevention, China CDC	National Institute for Viral Disease Control and Prevention, China CDC, Yunnan Provincial CDC	Baoying Huang; Fei Ye; Guizhen Wu; Huijuan Wang; Li Zhao; Peihua Niu; Roujian Lu; Wenjie Tan; Wenling Wang
EPI_ISL_910014, EPI_ISL_984277	National Institute of Health Research and Development	National Institute of Health Research and Development	Agustiningsih; Arie Ardiansyah Nugraha; Asri Febriyani; Aulia Rizki; Fauzul Muna; Hana Apsari Pawestri; Hartanti Dian Ikawati; Herna; Holy Arif Wibowo; Irene Lorinda Indalao; Juwita Kurniawati; Kartika Dewi Puspa; Kindi Adam; Krisna Nur Andriana Pangesti; Muhammad Nurhadi; Mursinah; Natalie Laurencia Kipuw; Nelly Puspandari; Ni Ketut Susilarini; Nike Susanti; Nur Ika Hariastuti; Reni Herman; Ririn Ramadhany; Subangkit; Tati Febriyanti; Triyani Soekarso; Uli Alfi Nikmah; Uly Alfi Nikmah; Vivi Setiawaty; Yuni Rukminiati
EPI_ISL_450197, EPI_ISL_455584, EPI_ISL_45	55589, EPI_ISL_455590, EPI_ISL_455591, EPI_ISL_455592, EPI_	_ISL_455593, EPI_ISL_455624	
see above	National Institute of Health. Department of medical Sciences, Ministry of Public Health, Thailand	National Institute of Health. Department of medical Sciences, Ministry of Public Health, Thailand	Chittaganpitch; Malinee; Okada; Parnmen; Phuygun; Pilailuk; Siripaporn; Sittiporn; Sunthareeya; Thanadachakul; Thanutsapa; Waicharoen; Warawan; Wongboot
EPI_ISL_479756, EPI_ISL_479757, EPI_ISL_479758	National Institute of Hygiene and Epidemiology (NIHE)	National Key Laboratory of Gene Technology, Institute of Biotechnology (IBT)	Chu Hoang Ha; Dang Duc Anh; Futoshi Hasebe; Ho Thi Thuong; Hoang Ha; Hoang Vu Mai Phuong; Le Quynh Mai; Le Thi Thanh; Le Tung Lam; Nguyen Hong Trang; Nguyen Le Khanh Hang; Nguyen Phuong Anh; Nguyen Vu Son; Pham Thi Hien; Taichiro Takemura; Tran Huyen Linh; Tran Thu Huong; Truong Nam Hai; Ung Thi Hong Trang; Vuong Duc Cuong
EPI_ISL_539776, EPI_ISL_539781	National Institute of Public Health (Czech Republic)	State Veterinary Institute Prague	A; D; H; Jirincova; L; Nagy; Novakova; Trnka; Vecerova, J.
EPI_ISL_434555, EPI_ISL_434558	National Institutes of Health, University of the Philippines Manila	Philippine Genome Center	Alessandra C., Sanchez; Benedict A., Maralit; Bernard Demot; Carlo M., Lapid; Christina Tan; El King D., Morado; Eva Maria Cutiongco-de la Paz; Francis A., Tablizo; Haifa L., Gazar, Jan Michael C., Yap; Jarvin E., Nipales; Jo-Hannah S., Llames; John Mark Velasco; Joshua Gregor A., Dizon; Joy Ann Petronio-Santos; Julius Aaron Mejia; Kris P., Punayan; Kristanne Arielle D., Gabriet; Maribell Dollete; Marissa M., Alejandria; Raul V., Destura; Shana F.
			Genavia, Shebna Rose D. Fabilloren, Shiela Mae M. Araiza, Sonia Salamat, and Cynthia P. Saloma
EPI_ISL_483637	National Laboratory of Virology, Szentágothai Research Centre	National Laboratory of Virology, Szentágothai Research Centre	Genavia; Shebna Rose D. Fabilloren; Shiela Mae M. Araiza; Sonia Salamat; and Cynthia P. Saloma Balázs Somogyi; Endre Gábor Tóth; Ferenc Jakab; Gábor Kemenesi
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EPI_ISL_647978	Centre National Microbiology Reference Laboratory	Centre Quadram Institute Bioscience	Balázs Somogyi; Endre Gábor Tóth; Ferenc Jakab; Gábor Kemenesi Agnes Juru; Alexander Goredema; Ana-Victoria Gutierrez; Andrew J. Page; Andrew Tarupiwa; Barbra Murwira; Beuty Makamure; Charles Nyagupe; David Baker; Gaetan Thilliez; Gemma Kay; Gibson Mhlanga; Hlanai Gumbo; Isaac Phiri; Justin O'Grady; Leonardo de Oliveira Martins; Muchaneta Mugabe;
EPI_ISL_647978 EPI_ISL_1039831, EPI_ISL_1039959, EPI_ISL_	Centre National Microbiology Reference Laboratory 1039998, EPI_ISL_1095626, EPI_ISL_1095627, EPI_ISL_117202	Centre Quadram Institute Bioscience 22, EPI_ISL_1172023, EPI_ISL_1172024, EPI_ISL_1172025	Balázs Somogyi; Endre Gábor Tóth; Ferenc Jakab; Gábor Kemenesi Agnes Juru; Alexander Goredema; Ana-Victoria Gutierrez; Andrew J. Page; Andrew Tarupiwa; Barbra Murwira; Beuty Makamure; Charles Nyagupe; David Baker; Gaetan Thilliez; Gemma Kay; Gibson Mhlanga; Hlanai Gumbo; Isaac Phiri; Justin O'Grady; Leonardo de Oliveira Martins; Muchaneta Mugabe; Portia Manangazira; Robert Kingsley; Sekesai Zinyowera; Tapfumanei Mashe; Tatenda Takawira; Thanh Le Viet
EPI_ISL_647978 EPI_ISL_1039831, EPI_ISL_1039959, EPI_ISL_ see above	Centre National Microbiology Reference Laboratory 1039998, EPI_ISL_1095626, EPI_ISL_1095627, EPI_ISL_117202 National Public Health Center, COVID Laboratory	Centre Quadram Institute Bioscience 22, EPI_ISL_1172023, EPI_ISL_1172024, EPI_ISL_1172025 National Public Health Center, National Biosafety Laboratory KEMRI-Wellcome Trust Research	Balázs Somogyi; Endre Gábor Tóth; Ferenc Jakab; Gábor Kemenesi Agnes Juru; Alexander Goredema; Ana-Victoria Gutierrez; Andrew J. Page; Andrew Tarupiwa; Barbra Murwira; Beuty Makamure; Charles Nyagupe; David Baker; Gaetan Thilliez; Gemma Kay; Gibson Mhlanga; Hlanai Gumbo; Isaac Phiri; Justin O'Grady; Leonardo de Oliveira Martins; Muchaneta Mugabe; Portia Manangazira; Robert Kingsley; Sekesai Zínyowera; Tapfumanei Mashe; Tatenda Takawira; Thanh Le Viet Bernadett Pályi; Dániel Déri; Judit Henczkó; Norbert Solymosi; Nóra Magyar; Zoltán Kis
EPI_ISL_647978 EPI_ISL_1039831, EPI_ISL_1039959, EPI_ISL_	Centre National Microbiology Reference Laboratory 1039998, EPI_ISL_1095626, EPI_ISL_1095627, EPI_ISL_117202 National Public Health Center, COVID Laboratory National Public Health Laboratory	Centre Quadram Institute Bioscience 22, EPI_ISL_1172023, EPI_ISL_1172024, EPI_ISL_1172025 National Public Health Center, National Biosafety Laboratory KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi	Balázs Somogyi; Endre Gábor Tóth; Ferenc Jakab; Gábor Kemenesi Agnes Juru; Alexander Goredema; Ana-Victoria Gutierrez; Andrew J. Page; Andrew Tarupiwa; Barbra Murwira; Beuty Makamure; Charles Nyagupe; David Baker; Gaetan Thilliez; Gemma Kay; Gibson Mhlanga; Hlanai Gumbo; Isaac Phiri; Justin O'Grady; Leonardo de Oliveira Martins; Muchaneta Mugabe; Portia Manangazira; Robert Kingsley; Sekesai Zinyowera; Tapfumanei Mashe; Tatenda Takawira; Thanh Le Viet Bernadett Pályi; Dániel Déri; Judit Henczkó; Norbert Solymosi; Nóra Magyar; Zoltán Kis Githinji G. et al 2020 Azrin Ahrmad; Enizza Kasim; Hani Mat Hussin; Irni Suhayu Sapian; Mohd Faizal Abu Bakar; Mohd Noor Mat Isa; Noorliza Mohamad Noordin; Nor Azfa Johari; Norazimah Tajudin; Nurhezreen Md Iqbal; Rehan Shuhada Abu Bakar; Selvanesan Sengol; Shahrul Hisham Zainal Ariffin; Shamsidar Sopie; Siti
EPI_ISL_647978 EPI_ISL_1039831, EPI_ISL_1039959, EPI_ISL_	Centre National Microbiology Reference Laboratory 1039998, EPI_ISL_1095626, EPI_ISL_1095627, EPI_ISL_117202 National Public Health Center, COVID Laboratory National Public Health Laboratory National Public Health Laboratory	Centre Quadram Institute Bioscience 22, EPI_ISL_1172023, EPI_ISL_1172024, EPI_ISL_1172025 National Public Health Center, National Biosafety Laboratory KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi Malaysia Genome Institute	Balázs Somogyi; Endre Gábor Tóth; Ferenc Jakab; Gábor Kemenesi Agnes Juru; Alexander Goredema; Ana-Victoria Gutierrez; Andrew J. Page; Andrew Tarupiwa; Barbra Murwira; Beuty Makamure; Charles Nyagupe; David Baker; Gaetan Thilliez; Gemma Kay; Gibson Mhlanga; Hlanai Gumbo; Isaac Phiri; Justin O'Grady; Leonardo de Oliveira Martins; Muchaneta Mugabe; Portia Manangazira; Robert Kingsley; Sekesai Zinyowera; Tapfumanei Mashe; Tatenda Takawira; Thanh Le Viet Bernadett Pályi; Dániel Déri; Judit Henczkó; Norbert Solymosi; Nóra Magyar; Zoltán Kis Githinji G. et al 2020 Azrin Ahmad; Enizza Kasim; Hani Mat Hussin; Irni Suhayu Sapian; Mohd Faizal Abu Bakar; Mohd Noor Mat Isa; Noorliza Mohamad Noordin; Nor Azfa Johari; Norazimah Tajudin; Nurhezreen Md Iqbal; Rehan Shuhada Abu Bakar; Selvanesan Sengol; Shahrul Hisham Zainal Ariffin; Shamsidar Sopie; Siti Noraini Othman; W Afiza W Mohd Arifin; Yu Kie Chem; Yusuf Muhammad Noor
EPI_ISL_1039831, EPI_ISL_1039959, EPI_ISL_see above EPI_ISL_457833, EPI_ISL_457843 EPI_ISL_416829, EPI_ISL_416866, EPI_ISL_416885, EPI_ISL_416886, EPI_ISL_416897 EPI_ISL_410713, EPI_ISL_410716 EPI_ISL_410713, EPI_ISL_410714, EPI_ISL_416886, EPI_ISL_4410716 EPI_ISL_442433, EPI_ISL_442434, EPI_ISL_42433, EPI_ISL_442433, EPI_ISL_442433, EPI_ISL_44214, EPI_ISL_443211, EPI_ISL_443214, EPI_ISL_443214, EPI_ISL_443214, EPI_ISL_443214, EPI_ISL_443214, EPI_ISL_443214, EPI_ISL_46230, EPI_ISL_46230, EPI_ISL_462314, EPI_ISL_548996, EPI_ISL_548997, EPI_ISL_548998, EPI_ISL_548997, EPI_ISL_548998, EPI_ISL_574523, EPI_ISL_574524, EPI_ISL_574524, EPI_ISL_574524, EPI_ISL_574524, EPI_ISL_574524, EPI_ISL_574524, EPI_ISL_57EPI_ISL_574524, EPI_ISL_57EPI_ISL_574524, EPI_ISL_57EPI_ISL_574524, EPI_ISL_57EPI_ISL_574524, EPI_ISL_57EPI_ISL_574524, EPI_ISL_57EPI_ISL_574524, EPI_ISL_574524, EPI_ISL_57EPI_ISL_574524, EPI_ISL_57EPI_ISL_574524, EPI_ISL_57EPI_ISL_574524, EPI_ISL_57EPI_ISL_574524, EPI_ISL_57EPI_ISL_574524, EPI_ISL_57EPI_ISL_574524, EPI_ISL_57EPI_ISL_574524, EPI_ISL_57EPI_ISL_574524, EPI_ISL_57EPI_ISL_574524, EPI_ISL_57	Centre National Microbiology Reference Laboratory 1039998, EPI_ISL_1095626, EPI_ISL_1095627, EPI_ISL_117202 National Public Health Center, COVID Laboratory National Public Health Laborato	Centre Quadram Institute Bioscience 22, EPI_ISL_1172023, EPI_ISL_1172024, EPI_ISL_1172025 National Public Health Center, National Biosafety Laboratory KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi Malaysia Genome Institute National Public Health Laboratory National Centre for Infectious Diseases, National Centre for Infectious Diseases ISL_418995, EPI_ISL_418996, EPI_ISL_418997, EPI_ISL_418 ISL_42825, EPI_ISL_42826, EPI_ISL_428827, EPI_ISL_428 ISL_443291, EPI_ISL_43200, EPI_ISL_43231, EPI_ISL_433 ISL_443237, EPI_ISL_443220, EPI_ISL_443231, EPI_ISL_433 ISL_443237, EPI_ISL_443220, EPI_ISL_442393, EPI_ISL_433 ISL_442327, EPI_ISL_443228, EPI_ISL_442393, EPI_ISL_433 ISL_462342, EPI_ISL_462345, EPI_ISL_462346, EPI_ISL_54846, EPI_ISL_54846, EPI_ISL_54846, EPI_ISL_54846, EPI_ISL_54466, EPI_ISL_54466, EPI_ISL_54466, EPI_ISL_54466, EPI_ISL_54466, EPI_ISL_544626,	Balázs Somogyi; Endre Gábor Tóth; Ferenc Jakab; Gábor Kemenesi Agnes Juru; Alexander Goredema; Ana-Victoria Gutierrez; Andrew J. Page; Andrew Tarupiwa; Barbra Murwira; Beuty Makamure; Charles Nyagupe; David Baker; Gaetan Thilliez; Gemma Kay; Gibson Mhlanga; Hlanai Gumbo; Isaac Phiri; Justin O'Grady; Leonardo de Oliveira Martins; Muchaneta Mugabe; Portia Manangazira; Robert Kingsley; Sekesai Zinyowera; Tapfumanei Mashe; Tatenda Takawira; Thanh Le Viet Bernadett Pályi; Dániel Déri; Judit Henczkó; Norbert Solymosi; Nóra Magyar; Zoltán Kis Githinji G. et al 2020 Azrin Ahmad; Enizza Kasim; Hani Mat Hussin; Irni Suhayu Sapian; Mohd Faizal Abu Bakar; Mohd Noor Mat Isa; Noorliza Mohamad Noordin; Nor Azfa Johari, Norazimah Tajudin; Nurhezreen Md Iqbal; Rehan Shuhada Abu Bakar; Selvanesan Sengol; Shahrul Hisham Zainal Ariffin; Shamsidar Sopie; Stit Noraini Othman; W Afiza W Mohd Arifin; Yu Kie Chem; Yusuf Muhammad Noor Cui L; Lin RTP; Mak TM; Octavia S 2988, EPI_ISL_418999, EPI_ISL_419000, EPI_ISL_419001, EPI_ISL_422428, EPI_ISL_422429, EPI_ISL_422430, EPI_ISL_422431, EPI_ISL_422432, EPI_ISL_43204, EPI_ISL_43204, EPI_ISL_43204, EPI_ISL_43204, EPI_ISL_43204, EPI_ISL_43204, EPI_ISL_43204, EPI_ISL_43206, EPI_ISL_443206, EPI_ISL_44320
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Irish Coronavirus Sequencing Consortium - Helixworks Conor Crosbie: Nimesh Pinnamaneni: Sachin Chalapati

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EPI ISL 493149, EPI ISL 493150, EPI ISL 493150, EPI ISL 493150, EPI ISL 493151, EPI ISL 493151, EPI ISL 493151, EPI ISL 493166, EPI ISL 493166, EPI ISL 493167, EPI ISL 493167, EPI ISL 493168, EPI ISL 493167, EPI ISL 493168, EPI ISL 493168, EPI ISL 493150, EPI ISL 493150, EPI ISL 493167, EPI ISL 493167, EPI ISL 493168, EPI ISL 493168 EPI ISL 493169, EPI ISL 493170, EPI ISL 493170, EPI ISL 493171, EPI ISL 493171, EPI ISL 493172, EPI ISL 493173, EPI ISL 493173, EPI ISL 493173, EPI ISL 493183, EPI ISL 493183, EPI ISL 493184, EPI ISL 493185, EPI ISL 493185, EPI ISL 493185, EPI ISL 493185, EPI ISL 493175, EPI ISL 493185, EPI ISL 493185

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EPI ISL 491910, EPI ISL 491911, EPI ISL 491912, EPI ISL 491913, EPI ISL 491914, EPI ISL 491915, EPI ISL 491916, EPI ISL 491917, EPI ISL 491918, EPI ISL 491919, EPI ISL 491920

Naval Infectious Diseases Diagnostic Laboratory Naval Medical Research Center Biological Defense Research Adrian Paskey; Dessiree Pena-Gomez; Francisco Malgon Bautista; Hua Wei Chen; Kimberly Bishop-Lilly; Kyle Long; Lindsay Glang; Logan Voegtly; Mark see ahove Directorate Simons: Megan Schilling: Regina Cer: Victor Sugiharto

EPI ISL 515293, EPI ISL 515294, EPI ISL 515294, EPI ISL 515295, EPI ISL 515296, EPI ISL 515296, EPI ISL 515309, EPI ISL 515309 EPI_ISL_515313, EPI_ISL_515314, EPI_ISL_515314, EPI_ISL_515315, EPI_ISL_515316, EPI_ISL_515316, EPI_ISL_515329, EPI_ISL_515329

EPI ISL 515333, EPI ISL 515334, EPI ISL 515336, EPI ISL 515336, EPI ISL 515344, EPI ISL 515346, EPI ISL 515346

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EPI ISL 467529, EPI ISL 467536, EPI ISL 467596, EPI ISL 467596, EPI ISL 467596, EPI ISL 467596, EPI ISL 467600, EPI ISL 467608, EPI ISL 467610, EPI ISL 467611, EPI ISL 467612, EPI ISL 467612, EPI ISL 467612, EPI ISL 467614, EPI ISL 467614, EPI ISL 467615, EPI ISL 467614, EPI ISL 467614, EPI ISL 467614, EPI ISL 467615, EPI ISL 467614, EPI ISL 467614

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EPI ISL 631514, EPI ISL 632055, New York Community Hospital New York City Public Health Laboratory Jade Wang; et al.

EPI ISL 632056

EPI_ISL_631509, EPI_ISL_631533, EPI_ISL_631536, EPI_ISL_631539, EPI_ISL_631540, EPI_ISL_631542, EPI_ISL_632038, EPI_ISL_632041, EPI_ISL_632042, EPI_ISL_632045, EPI_ISL_632047, EPI_ISL_632047 New York Preshyterian Lower Manhattan New York City Public Health Laboratory see ahove .lade Wang: et al.

EPI_ISL_631530, EPI_ISL_631547, EPI_ISL_631568, EPI_ISL_631569, EPI_ISL_631861, EPI_ISL_632040, EPI_ISL_632049, EPI_ISL_632052, EPI_ISL_632053, EPI_ISL_632063, EPI_ISL_632064, EPI_ISL_632070, EPI_ISL_632070

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EPI_ISL_631517, EPI_ISL_631518, EPI_ISL_631519, EPI_ISL_631544, EPI_ISL_631545, EPI_ISL_631548, EPI_ISL_631566, EPI_ISL_631567, EPI_ISL_632046, EPI_ISL_632048, EPI_ISL_632054

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New York Presbyterian-Brooklyn Methodist Hospital New York City Public Health Laboratory Jade Wang; et al. New York Presbyterian/ Weill Cornell Medical Center EPI ISI 631510 EPI ISI 631511 New York City Public Health Laboratory Jade Wang: et al. EPI ISL 631860

EPI ISL 631502, EPI ISL 632057 New York-Presbyterian-Columbia University Medical Center New York City Public Health Laboratory Jade Wang; et al.

EPI_ISL_427526, EPI_ISL_427527, EPI_ISL_427527, EPI_ISL_427529, EPI_ISL_427530, EPI_ISL_427531, EPI_ISL_427532, EPI_ISL_427531, EPI_ISL_427533, EPI_ISL_427533, EPI_ISL_427534, EPI_ISL_427539, EPI_ISL_427539, EPI_ISL_427541, EPI_ISL_427541 EPI ISL 427544, EPI ISL 427545, EPI ISL 427545, EPI ISL 427546, EPI ISL 427557, EPI ISL 427558, EPI ISL 427559, EPI ISL 427559 EPI_ISL_427562, EPI_ISL_427563, EPI_ISL_427565, EPI_ISL_427565, EPI_ISL_427565, EPI_ISL_427576, EPI_ISL_427576 EPI_ISL_427580, EPI_ISL_427580, EPI_ISL_427580, EPI_ISL_427581, EPI_ISL_427583, EPI_ISL_427583, EPI_ISL_427585, EPI_ISL_427585

EPI_ISL_427598, EPI_ISL_427609, EPI_ISL_427609, EPI_ISL_427600, EPI_ISL_427600, EPI_ISL_427600, EPI_ISL_427600, EPI_ISL_427601, EPI_ISL_427601, EPI_ISL_427601, EPI_ISL_427601, EPI_ISL_427601, EPI_ISL_427602, EPI_ISL_427603, EPI_ISL_427603

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EPI ISL 455422, EPI ISL 455426 African Centre of Excellence for Genomics of Infectious Ajogbasile F.V.; Folarin O.A.; Happi C.T.; Ihekweazu C.; Kayode A.; Oguzie J.; Olawoye I.; Olumade T.; Oluniyi P.E.; Uwanibe J. Nigeria Centre for Disease Control

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EPI ISL 455412, EPI ISL 455413, EPI ISL 455419, EPI ISL 455423, EPI ISL 455424, EPI ISL 527873, EPI ISL 527874, EPI ISL 527876, EPI ISL 527878, EPI ISL 527878

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EPI ISL 479913, EPI ISL 479914, EPI ISL 479915, EPI ISL 479916, EPI ISL 479917, EPI ISL 479918, EPI ISL 479919, EPI ISL 479920, EPI ISL 479921, EPI ISL 479922, EPI ISL 479923, EPI ISL 479924

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EPI_ISL_812239, EPI_ISL_812240, EPI_ISL_812241, EPI_ISL_812242, EPI_ISL_812242, EPI_ISL_812242, EPI_ISL_848183, EPI_ISL_848184, EPI_ISL_848185, EPI_ISL_848186, EPI_ISL_848187, EPI_ISL_848638, EPI_ISL_848639

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EPI_ISL_516831, EPI_ISL_516833, EPI_ISL_516833, EPI_ISL_516835, EPI_ISL_516835, EPI_ISL_516836, EPI_ISL_516848, EPI_ISL_516852, EPI_ISL_516852, EPI_ISL_516857, EPI_ISL_516863, EPI_ISL_516864, EPI_ISL_516868, EPI_ISL_516868, EPI_ISL_516868, EPI_ISL_516831, EPI_ISL_516831 EPI_ISL_524651, EPI_ISL_524652, EPI_ISL_524653, EPI_ISL_524654, EPI_ISL_524654, EPI_ISL_524654, EPI_ISL_524655, EPI_ISL_524657, EPI_ISL_524657 EPI ISL 524702, EPI ISL 524706, EPI ISL 524707

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EPI ISL 478549, EPI ISL 478549 EPI ISL 478556, EPI ISL 478556, EPI ISL 478556, EPI ISL 478558, EPI ISL 478566, EPI ISL 478566, EPI ISL 478579, EPI ISL 478579 EPI ISL 478581, EPI ISL 478581, EPI ISL 478582, EPI ISL 478585, EPI ISL 478586, EPI ISL 478586, EPI ISL 478596, EPI ISL 478597, EPI ISL 478597, EPI ISL 478597, EPI ISL 478597, EPI ISL 478598, EPI ISL 478597, EPI ISL 478597, EPI ISL 478597, EPI ISL 478598, EPI ISL 478597, EPI ISL 478597, EPI ISL 478597, EPI ISL 478598, EPI ISL 478597, EPI ISL 478597 EPI ISL 478622 EPI ISL 478624 EPI ISL 478626 EPI ISL 478627 EPI ISL 478627 EPI ISL 478628 EPI IS

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EPI ISL 631570, EPI ISL 631591, EPI ISL 631591, EPI ISL 631594, EPI ISL 631594, EPI ISL 631695, EPI ISL 631798, EPI ISL 631798, EPI ISL 631797, EPI ISL 631797, EPI ISL 631797, EPI ISL 632034, EPI ISL 632073, EPI ISL 632073, EPI ISL 632175, EPI ISL 632176, EPI ISL 631798, EPI ISL 631798, EPI ISL 632074, EPI ISL 632074, EPI ISL 632074, EPI ISL 631798, EPI ISL 631798

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OUCRU OLICRU see ahove

Dinh Nguyen Huy Man; Guy Thwaites; Lam Anh Nguyet; Lam Minh Yen; Le Manh Hung; Le Nguyen Truc Nhu; Nghiem My Ngoc; Ngo Ngoc Quang Minh; Nguyen Tan Binh; Nguyen Thanh Dung; Nguyen Thanh Phong; Nguyen Thanh Truong; Nguyen Thi Han Ny; Nguyen Thi Thu Hong; Nguyen Tri Dung; Nguyen Van Vinh Chau; Tang Chi Thuong; Tran Chanh Xuan; Tran Nguyen Hoang Tu; Tran Tan Thanh; Tran Tinh Hien: Vo Thanh Lam; and Le Van Tan: for OUCRU COVID-19 research group*

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OUCRU/HTD OUCRU/HTD

Dinh Nguyen Huy Man; Guy Thwaites; Lam Anh Nguyet; Lam Minh Yen; Le Manh Hung; Le Nguyen Truc Nhu; Nghiem My Ngoc; Ngo Ngoc Quang Minh; Nguyen Tan Binh; Nguyen Thanh Dung; Nguyen Thanh Phong; Nguyen Thanh Truong; Nguyen Thi Han Ny; Nguyen Thi Thu Hong; Nguyen Tri Dung; Nguyen Van Vinh Chau; Tang Chi Thuong; Tran Chanh Xuan; Tran Nguyen Hoang Tu; Tran Tan Thanh; Tran Tinh Hien; Vo Thanh Lam; and Le Van Tan; for OUCRU COVID-19 research group*

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EPI_ISL_860710, EPI_ISL_860711, EPI_ISL_860711, EPI_ISL_860711, EPI_ISL_860711, EPI_ISL_860711, EPI_ISL_935525, EPI_ISL_935525, EPI_ISL_935525, EPI_ISL_940158, EPI_ISL_940553, EPI_ISL_940553 EPI ISL 940745, EPI ISL 940745, EPI ISL 940745, EPI ISL 940748, EPI ISL 940754, EPI ISL 940754, EPI ISL 940754, EPI ISL 959378, EPI ISL 959379, EPI ISL 959379, EPI ISL 959379, EPI ISL 959378, EPI ISL 959379, EPI ISL 959379

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EPI ISL 479979, EPI ISL 479980, EPI ISL 479980, EPI ISL 479981, EPI ISL 479982, EPI ISL 479983, EPI ISL 479983, EPI ISL 480110, EPI ISL 480110, EPI ISL 480111, EPI ISL 480112, EPI ISL 480113, EPI ISL 480114, EPI ISL 480115, EPI ISL 480116, EPI ISL 480117, EPI ISL 480116, EPI ISL 480116

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EPI_ISL_889373, EPI_ISL_889374, EPI_ISL_889375, EPI_ISL_889376, EPI_ISL_889377, EPI_ISL_889378, EPI_ISL_889379, EPI_ISL_889380

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EPI_ISL_457701, EPI_ISL_457974, EPI_ISL_457976, EPI_ISL_457979, EPI_ISL_457976, EPI_ISL_457976, EPI_ISL_457989, EPI_ISL_457986, EPI_ISL_457986, EPI_ISL_457989, EPI_ISL_457989, EPI_ISL_457987, EPI_ISL_457989, EPI_ISL_457999, EPI_ISL_45799, EPI_ISL_45799, EPI_ISL_45799, EPI_ISL_45799, EP EPI ISL 457990, EPI ISL 457991, EPI ISL 457992, EPI ISL 457993, EPI ISL 457994, EPI ISL 457995, EPI ISL 457996, EPI ISL 457997, EPI ISL 457997, EPI ISL 457997, EPI ISL 457997, EPI ISL 457998, EPI ISL 457997, EPI ISL 457997, EPI ISL 457997, EPI ISL 457998, EPI ISL 457997, EPI ISL 457997

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EPI_ISL_447902 Osmania University Osmania University Amit; An and Kumar, K.; Bosinger; Kalyani, P.; Nagamani, K.; Pankaj Singh, D.; Radhakrishna, M.; Raja Rao, M.; Ravikumar, P.; S.E. and Rama, A.; Sunitha, P.; Thrilok Chander, B.; U.A.

EPI ISL 528922, EPI ISL 528924,	Ospedale "Giuseppe Mazzini"-Teramo	Istitituto Zooprofilattico Sperimentale dell'Abruzzo e Molise	Ancora M; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G.
EPI_ISL_528926, EPI_ISL_528927, EPI_ISL_528928, EPI_ISL_529026	Ospedale Gluseppe Mazzilli -Teramo	"G.Caporale"	Antoria W, Camina C, Cumin V, Di Domenico W, Di Pasquale A, Lorusso A, Mangone I, Marcacci W, Pugha I, Annatu A, Savini G.
EPI_ISL_420564	Ospedale Civile Castel Di Sangro	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G.Caporale"	Ancora M; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G
EPI_ISL_418260, EPI_ISL_420563, EPI_ISL_429228, EPI_ISL_429231, EPI_ISL_429232, EPI_ISL_429235	Ospedale Civile Giuseppe Mazzini	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Camma C; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G; Savini G.
EPI_ISL_420565, EPI_ISL_420568, EPI_ISL_420569, EPI_ISL_420583, EPI_ISL_435145, EPI_ISL_436723	Ospedale Civile Giuseppe Mazzini	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G.Caporale"	Ancora M; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G
EPI_ISL_418257	Ospedale Civile Giuseppe Mazzini, Teramo	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G.Caporale"	Ancora M; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G.
EPI_ISL_429236	Ospedale Civile S. Liberatore di Atri	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Camma C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G
EPI_ISL_436719, EPI_ISL_436720, EPI_ISL_436721, EPI_ISL_436722, EPI_ISL_436724	Ospedale Civile S. Liberatore di Atri	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G.Caporale"	Ancora M; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G
EPI_ISL_528919, EPI_ISL_528929	Ospedale Civile S. Liberatore-Atri	Istitituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G.Caporale"	Ancora M; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G.
EPI_ISL_420566, EPI_ISL_420567, EPI_ISL_436718	Ospedale Regionale San Salvatore	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G.Caporale"	Ancora M; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G
EPI_ISL_528925	Ospedale Regionale San Salvatore-L'Aquila	Istitituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G.Caporale"	Ancora M; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G.
EPI_ISL_418256	Ospedale "San Liberatore" di Atri	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Ancora M; Cammà C; Curini V; Di Domenico M; Di Pasquale A; Lorusso A; Mangone I; Marcacci M; Puglia I; Rinaldi A; Savini G.
EPI_ISL_534827, EPI_ISL_534830, EPI_ISL_5348 EPI_ISL_534867, EPI_ISL_534968, EPI_ISL_5349 EPI_ISL_534902, EPI_ISL_534903, EPI_ISL_5349 EPI_ISL_534947, EPI_ISL_534948, EPI_ISL_5349	35. EPI_ISL_534839, EPI_ISL_534840, EPI_ISL_534844, EPI 70, EPI_ISL_534871, EPI_ISL_534872, EPI_ISL_534878, EPI 05, EPI_ISL_534906, EPI_ISL_534907, EPI_ISL_534910, EPI 53, EPI_ISL_534954, EPI_ISL_534971, EPI_ISL_534975, EPI	_ISL_534846, EPI_ISL_534849, EPI_ISL_534850, EPI_ISL_5348 - ISL_534879, EPI_ISL_534882, EPI_ISL_534886, EPI_ISL_5348 - ISL_534911, EPI_ISL_534915, EPI_ISL_534925, EPI_ISL_5349 - ISL_534976, EPI_ISL_534980, EPI_ISL_534981, EPI_ISL_5349	90, EPLISL_534797, EPLISL_534813, EPLISL_534815, EPLISL_534816, EPLISL_534817, EPLISL_534820, EPLISL_534821, EPLISL_534822, 151, EPLISL_534853, EPLISL_534854, EPLISL_534855, EPLISL_534855, EPLISL_534855, EPLISL_534855, EPLISL_534855, EPLISL_534859, EPLISL_534859, EPLISL_534859, EPLISL_534859, EPLISL_534859, EPLISL_53455, EPLISL_53555, EPLISL_53455, EPLISL_53455, EPLISL_53455, EPLISL_53455, EPLISL_53455, EPLISL_53555, EPLISL_53455, E
see above	Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals; Basingstoke and North Hampshire Hospital		Alex Mobbs; Amy Trebes; Anita Justice; Catrin Moore; Christophe Fraser; David Bonsall; David Buck; Emma Wise; George Macintyre; Jessica Lynch; John Todd; Mariateresa de Cesare; Matilde Mori; Monique Andersson; Nathan Moore; Nick Cortes; Robert Shaw; Stephen Kidd; Tanya Golubchik; Timothy Peto
EPI_ISL_424881, EPI_ISL_424882, EPI_ISL_4248			144, EPI_ISL_450802, EPI_ISL_450803, EPI_ISL_576170, EPI_ISL_576171
see above	PA Department of Health, Bureau of Laboratories	Viral Diseases, Centers for Disease Control and Prevention	Alison S. Laufer Halpin; Anna Montmayeur; Anna Uehara; Bettina Bankamp; Brian Lynch; Christopher A. Elkins; Clinton R. Paden; Haibin Wang; Jasmine Padilla; Jing Zhang; Justin Lee; Krista Queen; Mary S. Keckler; Peter Cook; Rachel Marine; Suxiang Tong; Yan Li; Ying Tao; Zachary Weiner
			1_ISL_1040045, EPI_ISL_1040046, EPI_ISL_1040047, EPI_ISL_1040048
see above EPI_ISL_1063403, EPI_ISL_1063528	PCR Laboratory, The First Affiliated Hospital of Zhengzhou University, Zhengzhou, Henan, China PGIMER, Chandigarh	PCR Laboratory, The First Affiliated Hospital of Zhengzhou University, Zhengzhou, Henan, China ICMR-NATIONAL INSTITUTE OF VIROLOGY, MICROBIAL	Guanglin Cui; Hao Guo; Junhu Wan; Lei Zheng; Li Sun; Lijuan Rong; Meijing Long; Shijie Zhang; Ting Sun; Xianchun Meng; Xiangbo Huang Pragya D. Yadav; Rupinder Bakshi
	·	CONTAINMENT COMPLEX	
EPI_ISL_439986, EPI_ISL_439988, EPI_ISL_43998 EPI_ISL_440033, EPI_ISL_440034, EPI_ISL_4400 EPI_ISL_440039, EPI_ISL_440094, EPI_ISL_4400 EPI_ISL_440193, EPI_ISL_440194, EPI_ISL_44019 EPI_ISL_440219, EPI_ISL_440219, EPI_ISL_4402 EPI_ISL_440219, EPI_ISL_440219, EPI_ISL_4402 EPI_ISL_443714, EPI_ISL_443745, EPI_ISL_4437 EPI_ISL_443714, EPI_ISL_443745, EPI_ISL_4437 EPI_ISL_443772, EPI_ISL_443773, EPI_ISL_4437 EPI_ISL_443772, EPI_ISL_443773, EPI_ISL_4437 EPI_ISL_443816, EPI_ISL_443817, EPI_ISL_4438 EPI_ISL_443846, EPI_ISL_443841, EPI_ISL_4438 EPI_ISL_443840, EPI_ISL_443841, EPI_ISL_4438 EPI_ISL_443840, EPI_ISL_443914, EPI_ISL_4438 EPI_ISL_443983, EPI_ISL_443914, EPI_ISL_4439 EPI_ISL_443983, EPI_ISL_443914, EPI_ISL_4439 EPI_ISL_443983, EPI_ISL_443941, EPI_ISL_4439 EPI_ISL_443983, EPI_ISL_443945, EPI_ISL_4439 EPI_ISL_443985, EPI_ISL_44396, EPI_ISL_4439 EPI_ISL_443985, EPI_ISL_44396, EPI_ISL_4438 EPI_ISL_443840, EPI_ISL_443806, EPI_ISL_4438 EPI_ISL_488287, EPI_ISL_488434, EPI_ISL_4882 EPI_ISL_488287, EPI_ISL_488434, EPI_ISL_4884 EPI_ISL_488287, EPI_ISL_488434, EPI_ISL_4884 EPI_ISL_488287, EPI_ISL_482507, EPI_ISL_4884 EPI_ISL_482605, EPI_ISL_482600, EPI_ISL_48260, EPI_ISL_492600, EPI_ISL_492601, EPI_ISL_492601, EPI_ISL_492601, EPI_ISL_492600, EPI_ISL_492601, EPI_ISL_501601, EPI_ISL_50	92. FP. ISL. 439998. EPI. ISL. 440001. EPI. ISL. 440002. EPI. SS. PI. SS. 440039. EPI. ISL. 440042. EPI. SSL. 440005. EPI. SS. FPI. SSL. 440039. EPI. SSL. 440140. EPI. SSL. 440150. EPI. SSL. 440199. EPI. SSL. 440150. EPI. SSL. 4401618. EPI. SSL. FPI. SSL. 440124. EPI. SSL. 440150. EPI. SSL. 440124. EPI. SSL. 440165. EPI. SSL. 440224. EPI. SSL. 440234. EPI. SSL. 440234. EPI. SSL. 440324. EPI. SSL. 443690. EPI. SSL. 443740. EPI. SSL. 443777. EPI. SSL. 443797. EPI. SSL. 443800. EPI. SSL. 44384. EPI. SSL. 443840. EPI. SSL. 443890. EPI. SSL. 443890. EPI. SSL. 443990. EPI. SSL. 443991. E	LISL 440005, EPI LISL 440006, EPI LISL 440008, EPI LISL 4400 LISL 440052, EPI LISL 440054, EPI LISL 440056, EPI LISL 4400 LISL 440102, EPI LISL 440103, EPI LISL 440166, EPI LISL 4401 LISL 440102, EPI LISL 440167, EPI LISL 440168, EPI LISL 4401 LISL 440162, EPI LISL 440167, EPI LISL 440168, EPI LISL 4401 LISL 44033, EPI LISL 440236, EPI LISL 440269, EPI LISL 4432 LISL 443691, EPI LISL 443720, EPI LISL 443769, EPI LISL 4437 LISL 443771, EPI LISL 443720, EPI LISL 44376, EPI LISL 4437 LISL 443778, EPI LISL 443720, EPI LISL 443778, EPI LISL 4437 LISL 443768, EPI LISL 443780, EPI LISL 443781, EPI LISL 4437 LISL 443778, EPI LISL 443780, EPI LISL 443878, EPI LISL 4438 LISL 443878, EPI LISL 443802, EPI LISL 443828, EPI LISL 4438 LISL 443896, EPI LISL 443851, EPI LISL 443898, EPI LISL 44389 LISL 443896, EPI LISL 443897, EPI LISL 443898, EPI LISL 44389 LISL 443896, EPI LISL 443924, EPI LISL 44399, EPI LISL 4439 LISL 443947, EPI LISL 443994, EPI LISL 44399 LISL 443990, EPI LISL 443998, EPI LISL 44399, EPI LISL 4439 LISL 444015, EPI LISL 443996, EPI LISL 44399, EPI LISL 4439 LISL 444016, EPI LISL 443996, EPI LISL 44399, EPI LISL 4439 LISL 444015, EPI LISL 443998, EPI LISL 44399, EPI LISL 4439 LISL 444016, EPI LISL 443998, EPI LISL 44399, EPI LISL 4439 LISL 444016, EPI LISL 443998, EPI LISL 44399, EPI LISL 4439 LISL 444016, EPI LISL 443994, EPI LISL 44399, EPI LISL	173, EP ISL 439974, EP ISL 439978, EP ISL 439979, EP ISL 439981, EP ISL 439982, EP ISL 439983, EP ISL 439984, EP ISL 439995, ISL 31, EP ISL 440018, EP ISL 440021, EP ISL 440021, EP ISL 440021, EP ISL 440027, EP ISL 440027, EP ISL 440027, EP ISL 440028, EP ISL 440087, EP ISL 440187, EP ISL 440116, EP ISL 4
see above	PHE South West Regional Laboratory, National Infection Service	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium	Alex Alderton; Barry Vipond; Cordelia Langford; David K. Jackson; Dominic Kwiatkowski; Dr Peter Muir; Ewan Harrison; Hannah Pymont; Ian Johnston; John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team (http://www.sanger.ac.uk/covid-team); Rich Hopes; Roberto Amato; Sonia Goncalves; Stephanie Hutchings; and Alex Alderton
EPI_ISL_445356	PONTIFICIA U. CATOLICA SERV. LABORATORIO	Instituto de Salud Publica de Chile	Alejandra Acevedo; Andrés E Castillo; Bárbara Parra; Carolina Tambley; Gabriel Leal; Jaime Lagos; Jorge Fernandez; Loredana Arata; Patricia Bustos; Paz Tapia; Rodrigo Fasce; Winston Andrade
EPI_ISL_447845	PR - Biological and Chemical Emergencies Lab Office of Public Health Preparedness and Response	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Alison S. Laufer Halpin; Anna Uehara; Christopher A. Elkins; Clinton R. Paden; Haibin Wang; Jasmine Padilla; Jing Zhang; Justin Lee; Krista Queen; Mary S. Keckler; Suxiang Tong; Yan Li; Ying Tao

EDI ISI 596502 EDI ISI 596503 EDI ISI 596504 ED	I ISI 596506 EPI ISI 596508 EPI ISI 596509 EPI IS	: 596510 FP S 596511 FP S 596512 FP S	L 596513. EPI ISL 596515. EPI ISL 596516. EPI ISL 596517. EPI ISL 596518

see above	Palestinian Ministry of Health	Molecular Genetics Lab	Damien Richard; Dana Najjar; Francois Balloux; Hisham Darwish; Husam Sallam; Issa Shtayeh; Lucy van Dorp; Mahmoud Ruzayqat; Nouar Qutob; Osama Najiar: Zaidoun Salah
EPI_ISL_968080	Pandemic Response Lab - NYC	Pandemic Response Lab, R&D	Cybill del Castillo; Haiping Hao; Henry Lee; Jon Laurent; Melissa Hopkins; Michael Hammerling; Pradeep Bugga; William Ward
EPI_ISL_455605	Panyananthaphikkhu Chonprathan Medical Center	National Institute of Health. Department of medical Sciences, Ministry of Public Health, Thailand	Chittaganpitch; Malinee; Okada; Parnmen; Phuygun; Pilailuk; Siripaporn; Sittiporn; Sunthareeya; Thanadachakul; Thanutsapa; Waicharoen; Warawan; Wongboot
EPI_ISL_434701	Panyanunthaphikkhu Chonprathan Medical Center (PCMC)	National Institute of Health. Department of medical Sciences, Ministry of Public Health, Thailand	Chittaganpitch; Malinee; Okada; Parnmen; Phuygun; Pilailuk; Siripaporn; Sittiporn; Sunthareeya; Thanadachakul; Thanutsapa; Waicharoen; Warawan; Wongboot
EPI_ISL_421502, EPI_ISL_421503	Parc des Dames	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Angela Brisebarre; Etienne Simon-Lorière; Flora Donati; Marion Barbet; Maud Vanpeene; Mélanie Albert; Méline Bizard; Sylvie Behillil; Sylvie van der Werf; Vincent Enouf
EPI_ISL_448222	Pasteur Insitute Ho Chi Minh City	National Key Laboratory of Gene Technology, Institute of Biotechnology, Vietnam Academy of Science and Technology	Cao Minh Thang; Chu Hoang Ha; Ho Thi Thuong; Hoang Ha; Huynh Thi Kim Loan; Le Tung Lam; Luong Chan Quang; Luu Thuy Tien; Nguyen Hong Trang; Nguyen Thi Ngoc Thao; Nguyen Trung Hieu; Nguyen Vu Thuong; Pham Duy Quang; Phan Trong Lan; Tran Huyen Linh; Truong Nam Hai
EPI_ISL_654866, EPI_ISL_654867, EPI_ISL_654 EPI_ISL_654888, EPI_ISL_654889, EPI_ISL_654		_ISL_654873, EPI_ISL_654874, EPI_ISL_654875, EPI_ISL_654	876, EPI_ISL_654877, EPI_ISL_654878, EPI_ISL_654879, EPI_ISL_654882, EPI_ISL_654884, EPI_ISL_654885, EPI_ISL_654886, EPI_ISL_654887,
see above	Pasteur Institute in Ho Chi Minh city	Department of Microbiology and Immunology - Pasteur Institute in Ho Chi Minh city	Cao Minh Thng; Hoàng Kim Loan; Hoàng Minh; Hoàng Nh ào; Hoàng Que Cng; Hoàng Thủy Linh; Hunh; Kim Mai; Hunh Phng Tho; Hunh Th Kim Loan; Hà Bich Ngc; Khu Vn Ngha; La Hoàng Huy; Lễ Ngc Tử; Lễ Th Kim Trang; Lễ Xuân Huy; Lng Chn Quang; Nguyn Hoàng Vog Nguyn Hoàng Nguyn Th Thanh Thng; Nguyn Th Thanh Thng; Nguyn Th Thanh Thng; Nguyn Thang Hiu; Nguyn Trung Hiu; Nguyn Trong Toàn; Nguyn Vit Thinh; Nguyn V Thng; Phan Trng Lân; Phm Duy Quang; Phm Th Nhung; Phm Th Thu Hng; Trng Công Hiu; Trng Thủy Dung; Trn Th Hng Kim; Trn Tôn; Trnh Hoàng Long; Viện ng Khánh Linh; Võ Th Trang ài; V Phm Hng Nhung; ào Huy Mnh; ng Thanh Giang; Thái Hùng
EPI_ISL_442523	Pasteur Institute of Iran	Kawsar Human Genetic Research Company	Elmira Khateri; Maraym Firoozi; Maryam Abbasalipour Bashash; Mohammad Ali Khosravi; Razieh Zeinali and Fahimeh Hoseini; Sanaz Mostafavi Jabbari; Sirous Zeinali; Sormeh Pourtavakoli
	194, EPI_ISL_456195, EPI_ISL_456215, EPI_ISL_456221, EPI_		
see above	PathLab Bay of Plenty	Institute of Environmental Science and Research (ESR)	Anja Werno; Antje van der Linden; Arlo Upton; Chris Mansell; David Hammer; Dragana Drinkovic; Erasmus Smit; Gary McAuliffe; Hana Sofia Andersson; James Ussher; Jill Sherwood; Joep de Ligt; Josh Freeman; Julia Howard; Juliet Elvy; Lauren Jelly; Mary DeAlmeida; Matt Blakiston; Matt Storey; Matthew Rogers; Max Bloomfield; Michael Addidle; Michelle Balm; Sally Roberts; Sarah Jefferies; Sharmini Muttaiyah; Susan Morpeth; Susan Taylor; Timothy Blackmore; Vani Sathyendran; Veronica Playle; Virginia Hope; Xiaoyun Ren
EPI_ISL_420456, EPI_ISL_470830, EPI_ISL_470 EPI_ISL_470869, EPI_ISL_470872, EPI_ISL_470		_ISL_470847, EPI_ISL_470848, EPI_ISL_470849, EPI_ISL_4708	851, EPI_ISL_470853, EPI_ISL_470856, EPI_ISL_470858, EPI_ISL_470863, EPI_ISL_470864, EPI_ISL_470865, EPI_ISL_470867, EPI_ISL_470868,
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EPI_ISL_596682, EPI_ISL_59685, EPI_ISL_596 EPI_ISL_596823, EPI_ISL_596824, EPI_ISL_596	6866, EPI_ISL_596687, EPI_ISL_596688, EPI_ISL_596689, EPI 6827, EPI_ISL_596829, EPI_ISL_596830, EPI_ISL_596831, EPI 6859, EPI_ISL_596860, EPI_ISL_672631, EPI_ISL_672633, EPI_	ISL_596693, EPI_ISL_596695, EPI_ISL_596697, EPI_ISL_596 ISL_596834, EPI_ISL_596835, EPI_ISL_596836, EPI_ISL_5968	756, EPI_ISL_512759, EPI_ISL_512760, EPI_ISL_512761, EPI_ISL_512762, EPI_ISL_512763, EPI_ISL_512764, EPI_ISL_596677, EPI_ISL_596709, 700, EPI_ISL_596701, EPI_ISL_596706, EPI_ISL_596709, EPI_ISL_596710, EPI_ISL_596711, EPI_ISL_596820, EPI_ISL_596822, 839, EPI_ISL_596845, EPI_ISL_596846, EPI_ISL_596847, EPI_ISL_596848, EPI_ISL_596850, EPI_ISL_596853, EPI_ISL_596854, EPI_ISL_596855, 739, EPI_ISL_794693, EPI_ISL_794695, EPI_ISL_794696, EPI_ISL_794699, EPI_ISL_794701, EPI_ISL_794702, EPI_ISL_794703, EPI_ISL_794704,
see above	PathWest Laboratory Medicine WA	PathWest Laboratory Medicine WA Microbial Surveillance Unit	PathWest Laboratory Medicine WA Microbial Surveillance Unit
EP_ISL_684132_EP_ISL_684133_EP_ISL_684 EP_ISL_684487, EP_ISL_684219_EP_ISL_684 EP_ISL_6854487, EP_ISL_684488, EP_ISL_684 EP_ISL_685694, EP_ISL_685242_EP_ISL_685 EP_ISL_685696, EP_ISL_685041_EP_ISL_686 EP_ISL_685694, EP_ISL_68041_EP_ISL_680 EP_ISL_680747, EP_ISL_690859_EP_ISL_690 EP_ISL_690858, EP_ISL_690859_EP_ISL_690 EP_ISL_690898, EP_ISL_690990_EP_ISL_691 EP_ISL_691031_EP_ISL_691032_EP_ISL_691	1139, EPI_ISL_684142, EPI_ISL_684143, EPI_ISL_684145, EPI_ISL_684501, EPI_ISL_684501, EPI_ISL_684501, EPI_ISL_684501, EPI_ISL_684501, EPI_ISL_684501, EPI_ISL_684501, EPI_ISL_685501, EPI_ISL_685501, EPI_ISL_685501, EPI_ISL_685501, EPI_ISL_685501, EPI_ISL_6857601, EPI_ISL_6857601, EPI_ISL_6857601, EPI_ISL_6857601, EPI_ISL_6857601, EPI_ISL_686646, EPI_ISL_6866401, EPI_ISL_686640, EPI_ISL_6900451,	ISL 684146, EPI ISL 684150, EPI ISL 684156, EPI ISL 684 ISL 684373, EPI ISL 684374, EPI ISL 684375, EPI ISL 684 ISL 684694, EPI ISL 684716, EPI ISL 684717, EPI ISL 684 ISL 685527, EPI ISL 685585, EPI ISL 685905, EPI ISL 685 ISL 685647, EPI ISL 685785, EPI ISL 685905, EPI ISL 685 ISL 686847, EPI ISL 666848, EPI ISL 685905, EPI ISL 685 ISL 690864, EPI ISL 690847, EPI ISL 690868, EPI ISL 690 ISL 690864, EPI ISL 690865, EPI ISL 690866, EPI ISL 690 ISL 691019, EPI ISL 691020, EPI ISL 691021, EPI ISL 6911 ISL 69129, EPI ISL 691293, EPI ISL 691215, E91 ISL 691215	121, EP ISL 684122, EP ISL 684123, EP ISL 684124, EP ISL 684125, EP ISL 684126, EP ISL 684128, EP ISL 684126, EP ISL 684168, EP ISL 684167, EP ISL 684167, EP ISL 684168, EP ISL 6841671, EP ISL 684172, 276, EP ISL 684377, EP ISL 684378, EP ISL 684378, EP ISL 684381, EP ISL 684382, EP ISL 684383, EP ISL 684384, EP ISL 684486, 736, EP ISL 684682, EP ISL 685248, EP ISL 685613, EP ISL 685613, EP ISL 685613, EP ISL 685613, EP ISL 685614, EP ISL 690854, EP ISL 685614, EP ISL 690854, EP IS
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_437484, EPI_ISL_437485, EPI_ISL_437 EPI_ISL_437695, EPI_ISL_437733, EPI_ISL_437 EPI_ISL_437750, EPI_ISL_437751, EPI_ISL_437	'486, EPI_ISL_437487, EPI_ISL_437488, EPI_ISL_437489, EPI_ '734, EPI_ISL_437735, EPI_ISL_437736, EPI_ISL_437737, EPI_	_ISL_437490, EPI_ISL_437491, EPI_ISL_437492, EPI_ISL_437 _ISL_437738, EPI_ISL_437739, EPI_ISL_437740, EPI_ISL_437 _ISL_437756, EPI_ISL_437757, EPI_ISL_437758, EPI_ISL_437	469, EPI_ISL_437470, EPI_ISL_437471, EPI_ISL_437472, EPI_ISL_437473, EPI_ISL_437474, EPI_ISL_437481, EPI_ISL_437482, EPI_ISL_437483, 493, EPI_ISL_437494, EPI_ISL_437494, EPI_ISL_437694, EPI_ISL_437694, EPI_ISL_437694, EPI_ISL_437742, EPI_ISL_437743, EPI_ISL_437744, EPI_ISL_437744, EPI_ISL_437745, EPI_ISL_437746, EPI_ISL_437747, EPI_ISL_437748, EPI_ISL_437749, 759, EPI_ISL_437760, EPI_ISL_437761, EPI_ISL_437762, EPI_ISL_678079, EPI_ISL_678078, EPI_ISL_678079, EPI_ISL_678078, EPI_ISL_678078, EPI_ISL_678079, EPI_ISL_678078, EPI_ISL_678078, EPI_ISL_678078, EPI_ISL_678078, EPI_ISL_678079, EPI_ISL_678078,
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Queen Elizabeth II Health Science Centre National Microbiology Laboratory Anna Maier: Elsie Grudeski; Gary Van Domselaar: Grace Seo; Jason LeBlanc; Jennifer Tanner: Kristyn Burak; Matthew Gilmour: Morag Graham: Natalie see above Knox: Nathalie Bastien: Philip Mabon: Rhiannon Huzarewich: Russell Mandes: Shari Tyson: Timothy Booth: Todd Hatchette: Yan Li

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Carlisle; Matthew Loose; Michelle M Lister; Nadine Holmes; Patrick McClure; Theocharis Tsoleridis; Vicki M Fleming; Victoria Wright; Wendy Smith

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	see above	Quest Diagnostics	Quest Diagnostics	Anderson; Anderson, B.; B.P.; D.F.; Gerasimova, A.; Grover, D.; Hua, M.; K.E.; Kagan; Lacbawan, F.; Liu Y.; Livingston; Owen, R.; R.M.; and Owen, R.; Rosenthal; S.H.; Shalhout
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	see above	R. G. Lugar Center for Public Health Research, National Center for Disease Control and Public Health (NCDC) of Georgia.	R. G. Lugar Center for Public Health Research, National Center for Disease Control and Public Health (NCDC) of Georgia.	Adam Kotorashvili; Amiran Gamkrelidze.; Ana Papkiauri; Ann Machablishvili; Anna Kasradze; Davit Tsaguria; Ekaterine Khmaladze; Ekaterine Zangaladze; Ekaterine Zhghenti; Giorgi Tomashvili; Cvantsa Brachveli; Gvantsa Chanturia; Irma Burjanadze; Ketevan Sidamonidze; Khatuna Zakhashvili; Lela Sabadze; Lela Urushadze; Magda Dgebuadze; Maia Alkhazashvili; Mari Gavashelidze; Mariam Zakalashvili; Marine Murtskhvaladze; Meri Pantsulaia; Nato Kotaria; Nino Berishvili; Paata Imnadze; Tea Tevdoradze
	EPI_ISL_455771	REGIONAL VRDL,ICMR-RMRC BBSR	Immunogenomics lab, Institute of Life Sciences, Bhubaneswar	Ajay Parida; Arup Ghosh; Atimukta Jha; COVID-19 team of ILS & RMRC; DBT's PAN-INDIA 1000 SARS-CoV2 RNA genome sequencing consortium; Debdutta Bhattacharya; Ghulam Hussain Syed; Jaya Singh Khastri; Jyotirmayee Turuk; Manasi Priyadarshini; Orissa COVID-19 study group; Punit Prasad; Rajeeb Swain; Rupesh Dash; Sanghamitra Pati; Shanti Senapati; Shuchi Smita; Soma Chattopadhyay; Sunil Raghav; Swati Madhulika; Tushar K. Beuria; Viplov K. Biswas
EPI_ISL_	_419553, EPI_ISL_424887, _426435, EPI_ISL_812202, EPI_ISL_812203	RI State Health Laboratories	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Alison S. Laufer Halpin; Anna Montmayeur; Anna Uehara; Brian Lynch; Christopher A. Elkins; Clinton R. Paden; Haibin Wang; Jasmine Padilla; Jing Zhang; Justin Lee; Krista Queen; Mary S. Keckler; Peter Cook; Rachel Marine; Suxiang Tong; Yan Li; Ying Tao
	EPI_ISL_420795	RI State Health Laboratory	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Alison S. Laufer Halpin; Anne Uehara; Christopher A. Elkins; Clinton R. Paden; Haibin Wang; Jasmine Padilla; Jing Zhang; Justin Lee; Krista Queen; Mary S. Keckler; Rachel Marine; Suxiang Tong; Yan Li; Ying Tao
	EPI_ISL_413575	RIVM	Erasmus Medical Center	Anne van der Linden; Annemiek van der Eijk; Aura Timen; Bas Oude Munnink; Claudia Schapendonk; Corien Swaan; Corine GeurtsvanKessel; David Nieuwenhuijse; Irina Chestakova; Jeroen van Kampen; Jolanda Voermans; Madelief Mollers; Manon Haverkate; Marion Koopmans; Mark Pronk; Mart Stein; Pascal Lexmond; Reina Sikkema; Richard Molenkamp; Sandra Kengne Kamga Mobou; on behalf of the Dutch national COVID-19 response team.
EPI_ISL_	_568693, EPI_ISL_574603	RS Freeport Tembagapura	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Amin Soebandrio; David H Muljono; Edison Johar; Frilasita A Yudhaputri; Herawati Sudoyo; Hidayat Trimarsanto; Iskandar A Adnan; Khin Saw Myint; Safarina G Malik; Willy Agustine
EPI_ISL_	_435282, EPI_ISL_435283, _437190, EPI_ISL_437191, EPI_ISL_888982	RS Pondok Indah Hospital - Pondok Indah	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Amin Soebandrio; David H Muljono; Edison Johar; Frilasita A Yudhaputri; Hidayat Trimarsanto; Iskandar Adnan; Khin Saw Myint; Lydia V. Panggalo; Safarina G Malik; Sukma Oktavianthi; Willy Agustine
	EPI_ISL_889008	RS Sentra Medika Cibinong	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Amin Soebandrio; Edison Johar; Frilasita A Yudhaputri; Hidayat Trimarsanto; Iskandar Adnan; Khin Saw Myint; Lydia V. Panggalo; Safarina G Malik; Sukma Oktavianthi; Willy Agustine
EPI_ISL_	_458081, EPI_ISL_529964	RSUD Bangil Pasuruan	Institute of Tropical Disease, Universitas Airlangga	Aldise M Nastri; Arma Roosalina; Gatot Soegiarto; Jezzy R Dewantari; Kazufumi Shimizu; Krisnoadi Rahardjo; Laksmi Wulandari; Maria I Lusida; Mitsuhiro Nishimura; Resti Yudhawati; Retno A Setyoningrum; Rima R Prasetya; Soetjipto; Yasuko Mori; Yohko K Shimizu
	EPI_ISL_568686	RSUD Prof. DR. Margono Soekarjo	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Amin Soebandrio; David H Muljono; Edison Johar; Frilasita A Yudhaputri; Herawati Sudoyo; Hidayat Trimarsanto; Iskandar A Adnan; Khin Saw Myint; Safarina G Malik; Willy Agustine
	EPI_ISL_766033	RSUD Prof. DR. W. Z. Johannes Kupang	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Amin Soebandrio; David H Muljono; Edison Johar; Frilasita A Yudhaputri; Hidayat Trimarsanto; Khin Saw Myint; Safarina G Malik
	EPI_ISL_766032	RSUP Dr. Sardjito	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Amin Soebandrio; David H Muljono; Edison Johar; Frilasita A Yudhaputri; Hidayat Trimarsanto; Khin Saw Myint; Safarina G Malik
	_467375, EPI_ISL_568694, EPI_ISL_574604	RSUP Prof. Dr. R. Kandou Manado	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Amin Soebandrio; David H Muljono; Edison Johar; Frilasita A Yudhaputri; Herawati Sudoyo; Hidayat Trimarsanto; Iskandar A Adnan; Khin Saw Myint; Safarina G Malik; Willy Agustine
	EPI_ISL_574605	RSUP dr. Sardjito	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Amin Soebandrio; David H Muljono; Edison Johar; Frilasita A Yudhaputri; Herawati Sudoyo; Hidayat Trimarsanto; Iskandar A Adnan; Khin Saw Myint; Safarina G Malik; Willy Agustine
	EPI_ISL_429990	Rady's Childrens Hospital	Andersen lab at Scripps Research	Denise Malicki; Michelle Vanderpool; SEARCH Alliance San Diego with Christina Clarke; Teresa Mueller
	EPI_ISL_450509	Rafik Hariri University Hospital	Rafik Hariri University Hospital	Rita Feghali
PI_ISL_423039	9, EPI_ISL_423040, EPI_ISL_42304	1, EPI_ISL_423042, EPI_ISL_423043, EPI_ISL_429164, EPI_	ISL_429165, EPI_ISL_429166, EPI_ISL_429167, EPI_ISL_429	169, EPI_ISL_429170, EPI_ISL_429171, EPI_ISL_429172, EPI_ISL_429173, EPI_ISL_429174, EPI_ISL_429175, EPI_ISL_429177, EPI_ISL_429178,

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EPI ISL 468795, EPI ISL 468795, EPI ISL 468796, EPI ISL 468796, EPI ISL 468797, EPI ISL 468797 EPI ISL 468806, EPI ISL 468807, EPI ISL 468807, EPI ISL 468808, EPI ISL 468809, EPI ISL 468810, EPI ISL 468812, EPI ISL 468813, EPI ISL 468814, EPI ISL 468815, EPI ISL 468816, EPI ISL 468819, EPI ISL 468819 EPI_ISL_468825, EPI_ISL_468826, EPI_ISL_468826, EPI_ISL_468826, EPI_ISL_468826, EPI_ISL_468826, EPI_ISL_468830, EPI_ISL_468831, EPI_ISL_468831 EPI ISL 468847, EPI ISL 468849, EPI ISL 468850, EPI ISL 468851, EPI ISL 468852, EPI ISL 468853, EPI ISL 468854, EPI ISL 468855, EPI ISL 468856, EPI ISL 468858, EPI ISL 468859, EPI ISL 468859

EPI ISL 654631, EPI ISL 654632, EPI ISL 654632, EPI ISL 654635, EPI ISL 654636, EPI ISL 654648, EPI ISL 654644, EPI ISL 654645, EPI ISL 654646, EPI ISL 654647, EPI ISL 654648, EPI ISL 654647, EPI ISL 654647, EPI ISL 654647, EPI ISL 654648, EPI ISL 654637, EPI ISL 654648, EPI ISL 654638, EPI ISL 654638, EPI ISL 654648, EPI ISL 654648 EPI ISL 654651, EPI ISL 654652, EPI ISL 654652, EPI ISL 654653, EPI ISL 654654, EPI ISL 654655, EPI ISL 654665, EPI ISL 654665, EPI ISL 654666, EPI ISL 654665, EPI ISL 654665, EPI ISL 654665, EPI ISL 654665, EPI ISL 654654, EPI ISL 654654, EPI ISL 654655, EPI ISL 654655, EPI ISL 654655, EPI ISL 654655, EPI ISL 654656, EPI ISL 654655, EPI ISL 654655, EPI ISL 654655, EPI ISL 654656, EPI ISL 654657, EPI ISL 654657 EPI ISL 654675, EPI ISL 654682, EPI ISL 654683, EPI ISL 722241

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EPI ISL 468987, EPI ISL 468988, EPI ISL 468998, EPI ISL 468998, EPI ISL 468999, EPI ISL 468999, EPI ISL 469004, EPI ISL 469004, EPI ISL 469004, EPI ISL 469009, EPI ISL 469009, EPI ISL 469004, EPI ISL 469004 EPI_ISL_469014, EPI_ISL_541949, EPI_ISL_541950, EPI_ISL_541951, EPI_ISL_541958, EPI_ISL_541963, EPI_ISL_541965

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	L 509627, EPI ISL 509628, EPI ISL 509629, EPI ISL 509630, EPI ISL 509631, EPI ISL 509632

EPI_ISL_452448, EPI_ISL_452449, EPI_ISL_452	2452, EPI_ISL_509619, EPI_ISL_509620, EPI_ISL_509621, EPI_	ISL_509622, EPI_ISL_509623, EPI_ISL_509624, EPI_ISL_509	625, EPI_ISL_509626, EPI_ISL_509627, EPI_ISL_509628, EPI_ISL_509629, EPI_ISL_509630, EPI_ISL_509631, EPI_ISL_509632
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EPI_ISL_796103, EPI_ISL_796104, EPI_ISL_796	9286, EPI_ISL_539287, EPI_ISL_654469, EPI_ISL_654470, EPI_ 6105, EPI_ISL_796106, EPI_ISL_796107, EPI_ISL_796108, EPI_ 6148, EPI_ISL_796149, EPI_ISL_796150, EPI_ISL_796151, EPI_	ISL_796109, EPI_ISL_796135, EPI_ISL_796136, EPI_ISL_796	093, EPI_ISL_796094, EPI_ISL_796095, EPI_ISL_796096, EPI_ISL_796097, EPI_ISL_796098, EPI_ISL_796099, EPI_ISL_796101, EPI_ISL_796102, 137, EPI_ISL_796138, EPI_ISL_796139, EPI_ISL_796140, EPI_ISL_796141, EPI_ISL_796142, EPI_ISL_796143, EPI_ISL_796144, EPI_ISL_796145,
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EPI_ISL_452639, EPI_ISL_452640, EPI_ISL_452	2641, EPI_ISL_452642, EPI_ISL_452643, EPI_ISL_452644, EPI_ 2663, EPI_ISL_452664, EPI_ISL_452665, EPI_ISL_452666, EPI_	ISL_452645, EPI_ISL_452646, EPI_ISL_452647, EPI_ISL_452	630, EPI_ISL_452631, EPI_ISL_452632, EPI_ISL_452633, EPI_ISL_452634, EPI_ISL_452635, EPI_ISL_452636, EPI_ISL_452637, EPI_ISL_452638, 648, EPI_ISL_452649, EPI_ISL_452659, EPI_ISL_452659, EPI_ISL_452659, EPI_ISL_45267, EPI_ISL_452683, EPI_ISL_45267, EPI_ISL_45267, EPI_ISL_45267, EPI_ISL_45267, EPI_ISL_45267, EPI_ISL_452683, EPI_ISL_45267, EPI_ISL_4526
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EPI_ISL_414936, EPI_ISL_414937, EPI_ISL_414938, EPI_ISL_414939, EPI_ISL_414940, EPI_ISL_414941	Shandong Provincial Center for Disease Control and Prevention	Beijing Institute of Microbiology and Epidemiology	Bo Pang; Can-Fang Lin; Cun-Bao Li; Dian-Ming Kang; Feng Gao; Guo-Lin Wang; Jie Lei; Li-Jun Duan; Lin Yao; Mai-Juan Ma; Ming-Xiao Yao; Sheng-Xiang Ji; Wen-Kui Sun; Xiang-Na Zhao; Xiao Wei; Xiao-Li Zhang; Xiao-Lin Jiang; Yang Hang; Zeng-Qiang Kou
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EPI_ISL_463889, EPI_ISL_463894, EPI_ISL_463895, EPI_ISL_463896, EPI_ISL_463897, EPI_ISL_463901	Shaoxing Center for Disease Control and Prevention	Department of Pathology and Laboratory Medicine, University of California Los Angeles	Evann E. Hilt; Fan Li; Huan Wu; JiLing Wang; Jialiang Tang; Jinkun Chen; QinChao Zhang; Shangxin Yang; Yifang Wang; Zhuojing Jiang; Ziqin Li
EPI_ISL_582125, EPI_ISL_582126	Sheikh Khalifa Medical City	Molecular Surveillance lab Sheikh Khalifa Medical City	Amirtharaj Francis; Hala Imambaccus; Hiba Saud; Sahar Almarzooqi; Sajeed Abdul; Stefan Weber
EPI_ISL_582608, EPI_ISL_582613, EPI_ISL_582620, EPI_ISL_582624, EPI_ISL_582625	Sheikh Khalifa Medical City	Molecular/Surveillance lab Sheikh Khalifa Medical City	Amirtharaj Francis; Hala Imambaccus; Hiba Saud; Sahar Almarzooqi; Sajeed Abdul; Stefan Weber
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EPI_ISL_480074, EPI_ISL_480075, EPI_ISL_480	0076, EPI_ISL_480077, EPI_ISL_480078, EPI_ISL_480079, EPI_	ISL_480080, EPI_ISL_480081	
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EPI_ISL_454494, EPI_ISL_454495, EPI_ISL_454 EPI_ISL_475549, EPI_ISL_475550, EPI_ISL_475	4496, EPI_ISL_455842, EPI_ISL_455843, EPI_ISL_455844, EPI_ 5554, EPI_ISL_475555, EPI_ISL_476143, EPI_ISL_476144, EPI_	ISL_455845, EPI_ISL_475085, EPI_ISL_475092, EPI_ISL_475 ISL_548245, EPI_ISL_548246, EPI_ISL_710584	099, EPI_ISL_475105, EPI_ISL_475106, EPI_ISL_475107, EPI_ISL_475108, EPI_ISL_475109, EPI_ISL_475111, EPI_ISL_475112, EPI_ISL_475113,
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South Carolina Department of Health and Environmental South Carolina Department of Health and Environmental FPI ISI 529174 FPI ISI 529175 Control Control EPI_ISL_451517, EPI_ISL_451518, EPI_ISL_451518, EPI_ISL_451519, EPI_ISL_451519, EPI_ISL_451630, EPI_ISL_451630, EPI_ISL_451630, EPI_ISL_455076, EPI_ISL_455077, EPI_ISL_455077, EPI_ISL_455079, EPI_ISL_455079, EPI_ISL_455079, EPI_ISL_455079, EPI_ISL_451630, EPI_ISL_451630 EPI_ISL_455087, EPI_ISL_455088, EPI_ISL_455089, EPI_ISL_455096, EPI_ISL_455098 NSW Health Pathology - Institute of Clinical Pathology and South Eastern Area Laboratory Services CIDM-PH et al see above Medical Research; Westmead Hospital; University of Sydney EPI ISL 478683, EPI ISL 478684, EPI ISL 478684, EPI ISL 478686, EPI ISL 478686, EPI ISL 478696, EPI ISL 478696, EPI ISL 478697, EPI ISL 478698, EPI ISL 478697, EPI ISL 478697, EPI ISL 478697, EPI ISL 478698, EPI ISL 478698 EPI ISL 478702 EPI ISL 478703 EPI ISL 478704 EPI ISL 478708 EPI ISL 478708 EPI ISL 490017 EPI ISL 490018 EPI ISL 490034 EPI ISL 490035 EPI ISL 498751 EPI ISL 513317 EPI ISL 526697 EPI ISL 593683 South Eastern Area Laboratory Services (SEALS) NSW Health Pathology - Institute of Clinical Pathology and CIDM-PH et al. 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Sutton-Fitzpatrick EPI ISL 596668, EPI ISL 596675 EPI ISL 450445, EPI ISL 450445, EPI ISL 450446, EPI ISL 450450, EPI ISL 450450 EPI_ISL_450463, EPI_ISL_450464, EPI_ISL_450464, EPI_ISL_450466, EPI_ISL_450466, EPI_ISL_450469, EPI_ISL_450470, EPI_ISL_450470 EPI_ISL_476778, EPI_ISL_476778, EPI_ISL_476778, EPI_ISL_476778, EPI_ISL_476778, EPI_ISL_476784, EPI_ISL_476785, EPI_ISL_476785, EPI_ISL_476786, EPI_ISL_476786, EPI_ISL_476786, EPI_ISL_476787, EPI_ISL_476786, EPI_ISL_476786 Benjamin Pinksy; Carlos Bustamante; Euan Ashley; Hannah N. DeJong; Jason Andrews; John Gorzynski; Katharine Walter; Manuel Rivas; Matthew T. Stanford clinical virology lab Chan-Zuckerberg Biohub Wheeler; Victoria N. 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EPI ISL 752608, EPI ISL 752609, EPI ISL 752609, EPI ISL 752619, EPI ISL 752619, EPI ISL 752619, EPI ISL 752619, EPI ISL 752628, EPI ISL 752609, EPI ISL 752619, EPI ISL 752619

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EPI_ISL_428860, EPI_ISL_428861, EPI_ISL_428861, EPI_ISL_428863, EPI_ISL_428863, EPI_ISL_428864, EPI_ISL_428874, EPI_ISL_428874 EPI_ISL_42887, EPI_ISL_42888, EPI_ISL_42888, EPI_ISL_42888, EPI_ISL_42888, EPI_ISL_42888, EPI_ISL_42888, EPI_ISL_42889, EPI_IS

EPI_ISL_428897, EPI_ISL_428898, EPI_ISL_428998, EPI_ISL_428999, EPI_ISL_428909, EPI_ISL_428901, EPI_ISL_428903, EPI_ISL_428905, EPI_ISL_428906, EPI_ISL_428906, EPI_ISL_428906, EPI_ISL_428916, EPI_ISL_428909, EPI_ISL_428917, EPI_ISL_428918, EPI_ISL_428918 EPI_ISL_428917, EPI_ISL_428918, EPI_ISL_428919, EPI_ISL_428920, EPI_ISL_428921, EPI_ISL_428922, EPI_ISL_428923, EPI_ISL_428924 State Research Center of Virology and Biotechnology State Research Center of Virology and Biotechnology Alexander N. Shvalov; Anastasiya A. Nazarenko; Anastasiya M. Smirnova; Elena V. Gavrilova; Oleg V. Pyankov; Rinat A. Maksyutov; Sergey A. Bodnev; see above

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EPI ISL 478675, EPI ISL 478676, EPI ISL 478676, EPI ISL 478677, EPI ISL 478678, EPI ISL 478678, EPI ISL 478678, EPI ISL 478678, EPI ISL 593757, EPI ISL 593757, EPI ISL 593757, EPI ISL 593757, EPI ISL 593759, EPI ISL 593759

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EPI ISL 426500, EPI ISL 426501, EPI ISL 426501, EPI ISL 426501, EPI ISL 426502, EPI ISL 426503, EPI ISL 426503, EPI ISL 426523, EPI ISL 426523, EPI ISL 426524, EPI ISL 426524, EPI ISL 426525, EPI ISL 426526, EPI ISL 426526 EPI ISL 426532, EPI ISL 426533, EPI ISL 426534, EPI ISL 426535, EPI ISL 426536, EPI ISL 694047, EPI ISL 694048, EPI ISL 694050, EPI ISL 694052

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TSGH-CP molecular lab TSGH-CP molecular lab Cherng-Lih Perng: Chien-Wen Chen: Chih-Kai Chang: Feng-Yee Chang: Hsing-Yi Chung: Hung-Sheng Shang: Jung-Chung Lin: Kuo-Ming Yeh: see above Kuo-Sheng Hung: Ming-Jr JIAN: Ming-Jr Jian: Sheng-Kang Chiu: Shih-Hung Tsai: Tien-Yao Chang

EPI_ISL_411926, EPI_ISL_411927 Taiwan Centers for Disease Control Taiwan Centers for Disease Control Ji-Rong Yang; Jung-Jung Mu; Ming-Tsan-Liu; Yu-Chi-Lin EPI ISL_412968, EPI_ISL_420889, Takayuki Hishiki Kanagawa Prefectural Institute of Public Takayuki Hishiki Kanagawa Prefectural Institute of Public An, T.: Hayashizaki: Hishiki, T.: Kawai, J.: Kogo, Y.: Matsuki, Y.: Sakuragi, J.: Suzuki, R.: Tanaka, Y.: Usui, K.: Y. and Takasaki, T. EPI ISL 420890, EPI ISL 445183 Health Health

EPI ISL 1379444, EPI ISL 1379445, EPI ISL 1379445, EPI ISL 1379445, EPI ISL 1379446, EPI ISL 1379450, EPI IS EPI ISL 1379461, EPI ISL 1379462, EPI ISL 1379463, EPI ISL 1379463, EPI ISL 1379464, EPI ISL 1379466, EPI ISL 1379466, EPI ISL 1379466, EPI ISL 1379466, EPI ISL 1379476, EPI ISL 1379476, EPI ISL 1379476, EPI ISL 1379477, EPI ISL 1379478, EPI IS

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EPI_ISL_529149, EPI_ISL_529150 Technology Centre, Guangzhou Customs Technology Centre, Guangzhou Customs Dai, J.; Huang, J.; Huang, S.; Li, X.; Shi, Y.; Sun, F.; Sun, J.; Wang, Y.; Zhang, Z.; Zheng, K.; Zhu, .; Zhuang, Z. EPI_ISL_412966 Technology Centre, Guangzhou Customs Technology Centre, Guangzhou Customs Huang: J. and Zhao, J.: Shi, Y.: Sun, J.: Zheng, K

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EPI ISL 429074. EPI ISL 429075. EPI ISL 429075. EPI ISL 429076. EPI ISL 429077. EPI ISL 429078. EPI ISL 429080. EPI ISL 429080

EPI_ISL_429093, EPI_ISL_429094, EPI_ISL_429095, EPI_ISL_429096, EPI_ISL_429097, EPI_ISL_429098, EPI_ISL_429100, EPI_ISL_429101, EPI_ISL_429102, EPI_ISL_429103, EPI_ISL_429104, EPI_ISL_429105 The First Affiliated Hospital of Guangzhou Medical University BGI-shenzhen & The First Affiliated Hospital of Guangzhou ; Daxi Wang; Lu Zhang; Wanying Sun; Yangun Wang; Zhaoyong Zhang et al.

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EPI_ISL_489708, EPI_ISL_489709, EPI_ISL_490112, EPI_ISL_491093, EPI_ISL_491094, EPI_ISL_491095, EPI_ISL_491017, EPI_ISL_513514, EPI_ISL_513511, EPI_ISL_513512 A; D; H; J; Jirincova; L; Nagy; Novakova; Trnka; Vecerova

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EPI ISL 426379 The National Laboratory of Health, Environment and Food, The National Laboratory of Health, Environment and Food, Blazun Vosner H.: Duh D.: Hedzet S.: Janezic S.: Mahnic A.: Rupnik M.: Zavrsnik J. Maribor, Slovenia Maribor, Slovenia

EPI_ISL_417551, EPI_ISL_417553, EPI_ISL_417555, EPI_ISL_417555, EPI_ISL_417555, EPI_ISL_417556, EPI_ISL_417566, EPI_ISL_417566, EPI_ISL_417566, EPI_ISL_417569, EPI_ISL_417577, EPI_ISL_417577, EPI_ISL_417577, EPI_ISL_417577, EPI_ISL_417577, EPI_ISL_417587, EPI_ISL_417587, EPI_ISL_417587, EPI_ISL_417577, EPI_ISL_417577, EPI_ISL_417587, EPI_ISL_417587 EPI_ISL_417586, EPI_ISL_417586, EPI_ISL_417598, EPI_ISL_417598, EPI_ISL_417599, EPI_ISL_417599, EPI_ISL_417600, EPI_ISL_417600 EPI ISL 417613, EPI ISL 417614, EPI ISL 417619, EPI ISL 417619, EPI ISL 417620, EPI ISL 417620 EPI_ISL_417636, EPI_ISL_417638, EPI_ISL_417638, EPI_ISL_417638, EPI_ISL_417639, EPI_ISL_417649, EPI_ISL_417649, EPI_ISL_417669, EPI_ISL_417669, EPI_ISL_417659, EPI_ISL_417659 EPI ISL 417692, EPI ISL 417692, EPI ISL 417696, EPI ISL 417703, EPI ISL 417705, EPI ISL 417705

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The Public Health Agency of Sweden The Public Health Agency of Sweden Anna Risberg: Anna-Malin Linde: Karin Tegmark-Wisell: Maria Lind Karlberg: Olov Svartstrom: Oskar Karlsson Lindsig: Shaman Muradrasoli EPI ISL 429163, EPI ISL 430862, EPI ISL 430864 EPI ISL 889309, EPI ISL 889310, EPI ISL 889310, EPI ISL 889311, EPI ISL 889312, EPI ISL 889312, EPI ISL 889312, EPI ISL 889322, EPI ISL 889322, EPI ISL 889323, EPI ISL 889324, EPI ISL 889325, EPI ISL 889325, EPI ISL 889326, EPI ISL 889326, EPI ISL 889326, EPI ISL 889327, EPI ISL 889327, EPI ISL 889327, EPI ISL 889327, EPI ISL 889328, EPI ISL 889328, EPI ISL 889329, EPI ISL 889329 see above The University Hospital Brno. Institute of Applied Biotechnologies a.s. Kateina Kvapilová; Martin Kašný; Martina Lengerová; Ondej Brzo; Petr Klempt; Petr Kvapil EPI_ISL_405839, EPI_ISL_406030 The University of Hong Kong - Shenzhen Hospita Li Ka Shing Faculty of Medicine. The University of Hong Kong C.C.-Y.; C.K.-M. and Yuen; Cai; Chan; Chen, H.; Cheng; Chu, H.; H.W.; Hui; Ib; J.D.; J.F.; W.; J.P.; K.H.; K.K.-W.; K.Y.; Kok; Liu, J.; Lo; Poon; R.W.-S.; S.K.-F.; To; Tsai; V.C.-C.; V.K.-M.; W.M.; Xing, F.; Yang, J.; Yip; Yuan, S. EPI ISL 412983 Tianmen Center for Disease Control and Prevention Hubei Provincial Center for Disease Control and Prevention Bin Fang; Bo Yang; Bo Yu; Faxian Zhan; Guojun Ye; Jing Li; Jungiang Xu; Kun Cai; Linlin Liu; Xiang Li; Xiao Yu; Xierong Li; Xixiang Huo; Yangyang Tao; YiFa Zhu; Yongzhong Jiang. EPI ISL 480030, EPI ISL 480031, EPI ISL 480031, EPI ISL 480032, EPI ISL 480033, EPI ISL 480033, EPI ISL 480035, EPI ISL 480037, EPI ISL 480037, EPI ISL 480039, EPI ISL 480041, EPI ISL 480073 Tochigi Prefectural Institute of Public Health and Pathogen Genomics Center, National Institute of Infectious Ako Nakajima: Hajime Kamiya: Kentaro Itokawa: Makoto Kuroda: Masanori Hashino: Motoi Suzuki: Rina Tanaka: Tsuvoshi Sekizuka see above Environmental Science Diseases EPI ISL 479886, EPI ISL 479886, EPI ISL 479887, EPI ISL 479889, EPI ISL 479890, EPI ISL 479890, EPI ISL 479893, EPI ISL 479895, EPI ISL 479896, EPI ISL 479897, EPI ISL 479896, EPI ISL 479896, EPI ISL 479896, EPI ISL 479897, EPI ISL 479896, EPI ISL 479897, EPI ISL 479897, EPI ISL 479898, EPI ISL 479897, EPI ISL 479897, EPI ISL 479897, EPI ISL 479898, EPI ISL 479897, EPI ISL 479897, EPI ISL 479897, EPI ISL 479898, EPI ISL 479897, EPI ISL 479897, EPI ISL 479897, EPI ISL 479898, EPI ISL 479897, EPI ISL 479897, EPI ISL 479897, EPI ISL 479898, EPI ISL 479897, EPI ISL 479897 EPI ISL 684574, EPI ISL 684575, EPI ISL 684577, EPI ISL 684577 EPI ISL 684616, EPI ISL 684617, EPI ISL 684629, EPI ISL 684620, EPI ISL 684620 Tokyo Metropolitan Institute of Public Health Pathogen Genomics Center, National Institute of Infectious Hajime Kamiya; Kenji Sadamasu; Kentaro Itokawa; Makoto Kuroda; Mami Nagashima; Masanori Hashino; Motoi Suzuki; Rina Tanaka; Takashi Chiba; Diseases Tsuyoshi Sekizuka EPI_ISL_463970, EPI_ISL_463971, EPI_ISL_463971, EPI_ISL_463975, EPI_ISL_463977, EPI_ISL_463977, EPI_ISL_463981, EPI_ISL_463981 EPI ISL 586297, EPI ISL 586396, EPI ISL 586397, EPI ISL 586397 EPI ISL 591122, EPI ISL 591122, EPI ISL 591137, EPI ISL 591137, EPI ISL 591137, EPI ISL 755841, EPI ISL 755841 EPI ISL 755867, EPI ISL 755867, EPI ISL 755868, EPI ISL 755868, EPI ISL 755868, EPI ISL 755873, EPI ISL 933609, EPI ISL 933609 EPI_ISL_933613, EPI_ISL_933614, EPI_ISL_933615, EPI_ISL_933616, EPI_ISL_933617, EPI_ISL_933618 see ahove Toronto Invasive Bacterial Diseases Network McMaster University Ahmed Draia: Allison McGeer; Andrew G. McArthur; Angel Li; Emily Panousis; Hooman Derakhshani; Jalees Nasir; Kuganya Nirmalarajah; Michael Surette: Patrvk Aftanas: Samira Mubareka EPI ISL 480198, EPI ISL 480199, Tovama Institute of Health Pathogen Genomics Center, National Institute of Infectious Haiime Kamiya: Kazunori Oishi: Kentaro Itokawa: Makoto Kuroda: Masae Itamochi: Masanori Hashino: Motoi Suzuki: Rina Tanaka: Tsuvoshi Sekizuka EPI_ISL_480200, EPI_ISL_480201 Diseases EPI ISL 455588 Trang Hospital National Institute of Health. Department of medical Sciences, Chittaganpitch; Malinee; Okada; Parnmen; Phuygun; Pilailuk; Siripaporn; Sittiporn; Sunthareeya; Thanadachakul; Thanutsapa; Waicharoen; Warawan; Ministry of Public Health, Thailand Wongboot EPI ISL 434653, EPI ISL 434656 Trollbackens VC The Public Health Agency of Sweden Amelie Holmqvist; Anna Risberg; Anna-Malin Linde; Karin Tegmark-Wisell; Maria Lind Karlberg; Mia Brytting; Olov Svartstrom; Oskar Karlsson Lindsjo; Theresa Enkirch EPI ISL 444610 U.S. Naval Medical Research Center Biological Defense U.S. Naval Medical Research Center Biological Defense A.C.; Balansy-Ames; C.A.; Cer; Christy; E.M.; Hollis; K.A.; L.J.; Long; M.S.; Myers; N.C. and Bishop-Lilly; Pan; Paskey; Pena-Gomez, D.; R.W.; R.Z.; Research Directorate Research Directorate Voeatly EPI ISL 523963 UBS Vila Silvia Instituto Adolfo Lutz, Interdiciplinary Procedures Center. Claudia Regina Goncalves: Claudio Tavares Sacchi: Erica Valessa Ramos Gomes Strategic Laboratory EPI_ISL_445094, EPI_ISL_445096, EPI_ISL_445096, EPI_ISL_445096, EPI_ISL_445096, EPI_ISL_445107, EPI_ISL_445107, EPI_ISL_445107, EPI_ISL_445117, EPI_ISL_445117 EPI_ISL_483171, EPI_ISL_483172, EPI_ISL_483179, EPI_ISL_483194, EPI_ISL_483194, EPI_ISL_483194, EPI_ISL_48309, EPI_ISL_483307, EPI_ISL_48309, EPI_ISL_48309, EPI_ISL_48309, EPI_ISL_48309, EPI_ISL_483114, EPI EPI ISL 483312, EPI ISL 483312, EPI ISL 483313, EPI ISL 483315, EPI ISL 483315, EPI ISL 483317, EPI ISL 483370, EPI ISL 483371, EPI ISL 483371 EPI ISL 483376, EPI ISL 483476, EPI ISL 483477, EPI ISL 483478, EPI ISL 483477, EPI ISL 483477 EPI ISL 483439, EPI ISL 483441, EPI ISL 483445, EPI ISL 483446, EPI ISL 483447 UC San Diego Center for Advanced Laboratory Medicine Andersen lab at Scripps Research Ji H Shin; SEARCH Alliance San Diego with David Pride EPI ISL 414487, EPI ISL 414586, EPI ISL 414586, EPI ISL 414587, EPI ISL 418516, EPI ISL 418584, EPI ISL 418580, EPI ISL 418581, EPI ISL 418582, EPI ISL 418583, EPI ISL 418584 see above UCD National Virus Reference Laboratory UCD National Virus Reference Laboratory Alison Murphy; Brendan Loftus; Cillian F De Gascun; Gabriel Gonzalez; Jeff Connell; Jonathan Dean; Ken Wolfe; Kevin Byrne; Michael Carr; Suzie Coughlan $\texttt{EPL_ISL_537492}, \texttt{EPL_ISL_537492}, \texttt{EPL_ISL_537493}, \texttt{EPL_ISL_537596}, \texttt{EPL_ISL_537577}, \texttt{EPL_ISL_537577}, \texttt{EPL_ISL_537577}, \texttt{EPL_ISL_537577}, \texttt{EPL_ISL_537577}, \texttt{EPL_ISL_537577}, \texttt{EPL_ISL_537577}, \texttt{EPL_ISL_537577}, \texttt{EPL_ISL_537582}, \texttt{EPL_ISL_$ EPI_ISL_537586, EPI_ISL_537587, EPI_ISL_537590, EPI_ISL_537590, EPI_ISL_537591, EPI_ISL_537595, EPI_ISL_537596, EPI_ISL_537598, EPI_ISL_537599, EPI_ISL_537602, EPI_ISL_537603, EPI_ISL_537604, EPI_ISL_537606, EPI_ISL_537607, EPI_ISL_537607, EPI_ISL_537597, EPI_ISL_537597 see above UCLA Pathology Clinical Microbiology Lab Kruglyak Lab Guo et al. EPI ISL 417931, EPI ISL 417937, EPI ISL 417937, EPI ISL 417937, EPI ISL 417937, EPI ISL 428996, EPI ISL 428996, EPI ISL 428997, EPI ISL 428999, EPI ISL 428996, EPI ISL 428999, EPI ISL 428997, EPI ISL 428996, EPI ISL 428997, EPI ISL 428997, EPI ISL 428998, EPI ISL 428999, EPI ISL 428999

Amy Kistler; Angela Detweiler; Angela Pisco; CZB Cliahub Consortium; Chaz Langelier; Chunyu Zhao; David Dynerman; G. Renuka Kumar; Gloria Castaneda; Jack Kamm; Josh Batson; Lucy Li; Lusajo Mwakibete; Maira Phelps; Michelle Tan; Norma Neff; Olga Botvinnik; Samantha Hao; Shaun Arevalo; Steve Miller

EPI ISL 429056, EPI ISL 429057, EPI ISL 429058, EPI ISL 430791, EPI ISL 430792, EPI ISL 445169, EPI ISL 445171, EPI ISL 445172, EPI ISL 445173, EPI ISL 445177, EPI ISL 445179, EPI ISL 445180

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LICSE Clinical Microbiology Laboratory	Chiu Laboratory University of California San Francisco	Scot Federman; Wei Gu; Xianding Deng; and Charles Y. Chiu
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UK Tübingen, Medical Microbiology	Hannover Medical School, Institute of Virology	Jasper Götting; Lars Steinbrück
89, EPI_ISL_1260890, EPI_ISL_1260891, EPI_ISL_12608	92, EPI_ISL_1260893	
ULSS 2 Treviso	Istituto Zooprofilattico Sperimentale delle Venezie	Adelaide Milani; Alessia Schivo; Alice Fusaro; Ambra Pastori; Annalisa Salviato; Antonia Ricci; Calogero Terregino; Edoardo Giussani; Erika Giorgia Quaranta; Isabella Monne; Luca Tassoni
ULSS6 Distretto Padova Terme Colli	Istituto Zooprofilattico Sperimentale delle Venezie	Adelaide Milani; Alessia Schivo; Alice Fusaro; Ambra Pastori; Annalisa Salviato; Antonia Ricci; Bianca Zecchin; Calogero Terregino; Erika Giorgia Quaranta; Isabella Monne
ULSS6 Piove di Sacco	Istituto Zooprofilattico Sperimentale delle Venezie	Adelaide Milani; Alessia Schivo; Alice Fusaro; Ambra Pastori; Annalisa Salviato; Antonia Ricci; Bianca Zecchin; Calogero Terregino; Erika Giorgia Quaranta; Isabella Monne
EPI_ISL_452182, EPI_ISL_452183, EPI_ISL_452184, EPI	_ISL_452185, EPI_ISL_452186, EPI_ISL_452187, EPI_ISL_452	2188
ULSS9 Distretto di Bussolengo	Istituto Zooprofilattico Sperimentale delle Venezie	Adelaide Milani; Alessia Schivo; Alice Fusaro; Ambra Pastori; Annalisa Salviato; Antonia Ricci; Bianca Zecchin; Calogero Terregino; Erika Giorgia Quaranta; Isabella Monne
UNIV.DE CHILE HOSP.CLINICO	Instituto de Salud Publica de Chile	Alejandra Acevedo; Andrés E Castillo; Bárbara Parra; Carolina Tambley; Gabriel Leal; Jaime Lagos; Jorge Fernandez; Loredana Arata; Patricia Bustos; Paz Tapia; Rodrigo Fasce; Winston Andrade
UNIVERSIDAD DE LOS ANDES	Instituto de Salud Publica de Chile	Alejandra Acevedo; Andrés E Castillo; Bárbara Parra; Carolina Tambley; Gabriel Leal; Jaime Lagos; Jorge Fernandez; Loredana Arata; Patricia Bustos; Paz Tapia; Rodrigo Fasce; Winston Andrade
EPI_ISL_583959, EPI_ISL_583960, EPI_ISL_583961, EPI	_ISL_583962	
UOC Microbiologia e Virologia, Azienda Ospedaliera Universitaria Senese, Siena, Italy	Dipartimento di Biotecnologie Mediche	Claudia Gandolfo; David Pinzauti; Francesco Santoro; Gabriele Anichini; Gianni Pozzi; Maria Grazia Cusi
UPA 24HS de Itatiba	Instituto Adolfo Lutz, Interdiciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valessa Ramos Gomes
UPA Vila Santa Catarina	Instituto Adolfo Lutz, Interdiciplinary Procedures Center, Strategic Laboratory	Claudia Regina Gonçalves; Claudio Tavares Sacchi; Erica Valessa Ramos Gomes
		6475, EPI_ISL_436476, EPI_ISL_436477, EPI_ISL_436478, EPI_ISL_436479, EPI_ISL_436480, EPI_ISL_436481, EPI_ISL_436482, EPI_ISL_436483, 6493, EPI_ISL_436494, EPI_ISL_436495, EPI_ISL_436496, EPI_ISL_436497, EPI_ISL_436498, EPI_ISL_436499, EPI_ISL_436500, EPI_ISL_436501,
UPMC Clinical Laboratory	Microbial Genome Sequencing Center, Microbial Genomic Epidemiological Laboratory	Chinelo Ezeonwuku; Dan Snyder; Jane W. Marsh; Kady D Waggle; Lee H. Harrison; Marissa P Griffith; Mustapha M Mustapha; Stephanie L Mitchell; Vatsala R Srinivasa; Vaughn S. Cooper
EPI_ISL_454358, EPI_ISL_454359, EPI_ISL_454360, EPI	_ISL_454361, EPI_ISL_454362, EPI_ISL_454363, EPI_ISL_454	4364, EPI_ISL_454365, EPI_ISL_454366, EPI_ISL_454367, EPI_ISL_454368, EPI_ISL_454372, EPI_ISL_454373, EPI_ISL_454376, EPI_ISL_454378,
UPMC Clinical Microbiology Laboratory	Microbial Genome Sequencing Center, Microbial Genomic Epidemiological Laboratory	Chinelo Ezeonwuku; Dan Snyder; Jane W. Marsh; Kady D. Waggle; Lee H. Harrison; Marissa P. Griffith; Mustapha M. Mustapha; Stephanie L. Mitchell; Vatsala R. Srinivasa; Vaughn S. Cooper
UPMC Clinical Microbiology Laboratory	Microbial Genome Sequencing Center; Microbial Genomic Epidemiology Laboratory, University of Pittsburgh	Chinelo Ezeonwuku; Dan Snyder; Jane W. Marsh; Kady D. Waggle; Lee H. Harrison; Marissa P. Griffith; Mustapha M. Mustapha; Stephanie L. Mitchell; Vatsala R. Srinivasa; Vaughn S. Cooper
EPI_ISL_681943, EPI_ISL_681944, EPI_ISL_681946, EPI	_ISL_681999, EPI_ISL_682000, EPI_ISL_682001, EPI_ISL_682	2002
UPMC Clinical Microbiology Laboratory	Microbial Genomic Epidemiology Laboratory, University of Pittsburgh	Chinelo Ezeonwuku; Dan Snyder; Jane W. Marsh; Kady D. Waggle; Lee H. Harrison; Marissa P. Griffith; Mustapha M. Mustapha; Stephanie L. Mitchell; Vatsala R. Srinivasa; Vaughn S. Cooper
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EPLISL_414597, EPLISL_416616, EPLISL_414617, EPLEPLISL_415602, EPLISL_415603, EPLISL_415604, EPLISL_416644, EPLISL_416645, EPLISL_416644, EPLISL_416646, EPLISL_416664, EPLISL_416663, EPLISL_416663, EPLISL_416663, EPLISL_416663, EPLISL_416663, EPLISL_416664, EPLISL_416664, EPLISL_416663, EPLISL_416664, EPLISL_416664, EPLISL_416664, EPLISL_416664, EPLISL_416662, EPLISL_416700, EPLISL_416701, EPLISL_416700, EPLISL_416701, EPLISL_416702, EPLEPLISL_417348, EPLISL_417350, EPLISL_417351, EPLEPLISL_417364, EPLISL_417364, EPLISL_417364, EPLISL_417364, EPLISL_417364, EPLISL_417364, EPLISL_417364, EPLISL_417364, EPLISL_418044, EPLISL_418064, EPLISL_418064, EPLISL_418067, EPLISL_411807, EPLISL_41180	SL 414618, EP SL 414619, EP SL 414620, EP SL 4115821, EP SL 415625, EP SL 414600, EP SL 415627, EP SL 415625, EP SL 415606, EP SL 415627, EP SL 4115821, EP SL 415627, EP SL 4115821, EP SL 415627, EP SL 4115821, EP SL 416482, EP SL 416448, EP SL 416448, EP SL 416448, EP SL 416647, EP SL 416664, EP SL 4116647, EP SL 416666, EP SL 411582, 416664, EP SL 411684, EP SL 416668, EP SL 416666, EP SL 411 SL 416703, EP SL 416668, EP SL 416666, EP SL 411 SL 416703, EP SL 416725, EP SL 416724, EP SL 416725, EP SL 411 SL 416703, EP SL 417353, EP SL 417373, EP SL 411352, EP SL 417373, EP SL 411352, EP SL 417373, EP SL 4113824, EP SL 417352, EP SL 417373, EP SL 411 SL 418045, EP SL 4174745, EP SL 418047, EP SL 411 SL 418046, EP SL 418070, EP SL 418071, EP SL 418071, EP SL 411 SL 418071, EP SL 4111, SL 4111, SL 418071, EP SL 4111, SL 418071, EP SL 4111, SL 418071, E	43-04, PP. SL_414652, EP. SL_414596, PP. SL_415591, EP. SL_415592, EP. SL_4145612, EP. SL_414593, EP. SL_414593, EP. SL_415598, 6621, EP. SL_415609, EP. SL_415691, EP. SL_415691, EP. SL_415693, EP. SL_415693, EP. SL_415694, EP. SL_415694, EP. SL_415694, EP. SL_415696, EP. SL_415615, EP. SL_415598, 6608, EP. SL_416454, EP. SL_416454, EP. SL_416634, EP. SL_416634, EP. SL_416635, EP. SL_416635, EP. SL_416635, EP. SL_416634, EP. SL_416436, EP. SL_416436, EP. SL_416439, EP. SL_416636, EP. SL_4166441, 6451, EP. SL_416652, EP. SL_416653, EP. SL_416635, EP. SL_416636, EP. SL_416636, EP. SL_416637, EP. SL_416654, EP. SL_416655, EP. SL_416636, EP. SL_416636, EP. SL_416637, 6649, EP. SL_416656, EP. SL_416654, EP. SL_416655, EP. SL_416636, EP. SL_416637, 6649, EP. SL_416668, EP. SL_416669, EP. SL_416667, EP. SL_416668, EP. SL_416669, EP. SL_416667, EP. SL_416636, EP. SL_416637, EP. SL_416636, EP. SL_416637, EP. SL_416636, EP. SL_416637, EP. SL_416636, EP. SL_416637, EP. SL_416637, EP. SL_416638, EP. SL_416637, EP. SL_416637, EP. SL_416637, EP. SL_416637, EP. SL_416638, EP. SL_416637, EP. SL
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EPI_ISL_737956, EPI_ISL_737957, Research Institute EPI ISL 737958, EPI ISL 737959 EPI ISL 451183, EPI ISL 451184, EPI ISL 451186, EPI ISL 451189, EPI ISL 451190, EPI ISL 451192, EPI ISL 451193, EPI ISL 451194, EPI ISL 451195, EPI ISL 451196 see above Uganda Virus Research Institute MRC/UVRI & LSHTM Uganda Research Unit Beatrice Dhaala; Dan Lule Bugembe; Deogratius Ssemwanga; Henry Kyobe; Henry Mwebesa; Jane Aceng; John Kayiwa; Jonas Lexow; Julius Lutwama; Matthew Cotten; My V.T Phan; Phionah Tushabe; Pontiano Kaleebu; Stephen Balinandi EPI ISL 434646 Ulltuna Vardcentral The Public Health Agency of Sweden Anna Risberg; Anna-Malin Linde; Heidi Lindback; Karin Tegmark-Wisell; Maria Lind Karlberg; Mia Brytting; Olov Svartstrom; Oskar Karlsson Lindsjo; Theresa Enkirch EPI ISL 475143 Umea klinisk mikrobiologi The Public Health Agency of Sweden Anna Risberg; Anna-Malin Linde; Karin Tegmark-Wisell; Maria Lind Karlberg; Mattias Haukland; Olov Svartstrom; Oskar Karlsson Lindsjo; Petra Edquist; Reza Advani; Sandra Broddesson; Shamam Muradrasoli EPI ISL 792303, EPI ISL 792304 Unidad de Virología, Centro de Educación Médica en Área de Secuenciación del Laboratorio de Virología del AS; Echavarría; Goya; LE; Lusso; M; MI; MS; Mistchenko; Nabaes Jodar; Natale; S; Valinotto; Viegas, M. 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EPI_ISL_767043, EPI_ISL_940753 University of Bari Biomedical Sciences and Human Oncology Accogli M.; Anna Sallustio; Chironna M.; Daniela Loconsole; Loconsole D.; Maria Chironna; Marisa Accogli; Sallustio A.

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17, EPI_ISL_529608, EPI_ISL_529609, EPI_ISL_529610, EPI_ISL_529611, EPI_ISL_529612, EPI_ISL_529613, EPI_ISL_529614, EPI_ISL_529615, EPI_ISL_529616, EPI_ISL_529617

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EPI_ISL_418809 University of Wisconsin - Madison: Influenza Research University of Wisconsin Madison, AIDS Vaccine Research Gage Moreno; Katarina Braun; Peter Halfmann; et al.

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see above University of Wisconsin-Madison AIDS Vaccine Research University of Wisconsin-Madison AIDS Vaccine Research Laboratories

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EPI_ISL_434643, EPI_ISL_434655 Uppsala Narakut Aleris The Public Health Agency of Sweden Anna Risberg; Anna-Malin Linde; Annika Nilsson; Karin Tegmark-Wisell; Maria Lind Karlberg; Mia Brytting; Olov Svartstrom; Oskar Karlsson Lindsjo; Theresa Enkirch

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L.: Druce J.: M. B.: Sait, M.: Schultz: Schultz M.: Seemann T.: Seemann T.: Sherry, N. EPI_ISL_416410, EPI_ISL_416411, EPI_ISL_416412, EPI_ISL_416413, EPI_ISL_416413, EPI_ISL_416413, EPI_ISL_419744, EPI_ISL_419745, EPI_ISL_419745

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Public Health, University Politecnica delle Marche Biomedical Sciences and Public Health, University Politecnica EPI ISL 856869, EPI ISL 856870, EPI ISL 856873, EPI ISL 856873, EPI ISL 856873, EPI ISL 856874, EPI ISL 856875, EPI ISL 856876, EPI ISL 856879, EPI ISL 856879 Virology Laboratory, Scientific Department, Army Medical Virology Laboratory, Scientific Department, Army Medical Anella Monte; Anna Anselmo; Antonella Fortunato; Filippo Molinari; Florigio Lista; Francesco Giordani; Giancarlo Petralito; Giovanni Faggioni; Nino see above D'Amore: Riccardo De Sanctis: Silvia Fillo: Vanessa Vera Fain Center Center EPI_ISL_677635, EPI_ISL_677636 Virology Unit, Institut Pasteur de Madagascar Virology Unit, Institut Pasteur de Madagascar Cara E. Brook; Christian Ranaivoson; Cristina M. Tato; Helisoa Razafimanjato; Jean-Michel Heraud; Joseph L. 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EPI ISL 707943, EPI ISL 707947, EPI ISL 707948, EPI ISL 707950, EPI ISL 707951, EPI ISL 707954, EPI ISL 707956, EPI ISL 707959, EPI ISL 708003 Virology, Universitätsklinikum des Saarlandes see above Epigenetics, Saarland University Jörn Walter; Kathrin Kattler; Markus Vogelgesang; Sascha Tierling; Sigrun Smola; Stefan Lohse EPI ISL 568579 Virus Molecular Laboratory of the Microbiology and Virology INMI Lazzaro Spallanzani IRCCS Antonino Di Caro: Barbara Bartolini: Cesare E.M. Gruber: Concetta Castilletti: Edoardo Vecchio Nepita: Elena Percivalle: Fausto Baldanti: Francesca Colavita; Francesco Messina; Irene Cassaniti; Maria R. Capobianchi; Martina Rueca; Silvia Meschi Department EPI ISL 1039249. EPI ISL 1055383 Virus Research and Diagnostic Laboratory, Medical College Indian Council of Medical Research-National Institute of Javanti Shastri: Pragva D. 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EPI_ISL_576189, EPI_ISL_576180, EPI_ISL_576181, EPI_ISL_576182, EPI_ISL_576183, EPI_ISL_576184, EPI_ISL_576185, EPI_ISL_576186, EPI_ISL_576187

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EPI_ISL_594452, EPI_ISL_594453, EPI_ISL_594454, EPI_ISL_594459 EPI_ISL_445221

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EPI ISL 456161, EPI ISL 456165, EPI ISL 456169, EPI ISL 456180, EPI ISL 456180

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EPI ISL 421272, EPI ISL 421272, EPI ISL 421346, EPI ISL 421543, EPI ISL 421544, EPI ISL 421544, EPI ISL 421544, EPI ISL 421544, EPI ISL 421549, EPI ISL 421549 EPI ISL 462932, EPI ISL 462935, EPI ISL 462935, EPI ISL 462936, EPI ISL 462956, EPI ISL 462956, EPI ISL 462957, EPI ISL 462958, EPI ISL 462957, EPI ISL 462958, EPI ISL 462958 Wyoming Public Health Laboratory Center for Global Health, University of New Mexico Health Cari Sloma: Darrell Dinwiddie: Darvl Domman: Kurt Schwalm: Noah Hull: Rob Christensen: Wanda Manley

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EPI_ISL_493061, EPI_ISL_493062

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			P. liménez: S. Iuliá: S. Pozo: S. Varona

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EPI_ISL_428387, EPI_ISL_431080, EPI_ISL_435709	Yale COVID-19 Biorepository	Grubaugh Lab - Yale School of Public Health	Adam Moore; Akiko Iwasaki; Albert Ko; Alice Lu; Allison Nelson; Anderson Brito; Anne Wyllie; Arnau Casanovas; Catherine Muenker; Chaney Kalinich; Chantal Vogels; Charlese Dela Cruz; Cole Jensen; Isabel Oltt, Joseph Fauver, Maria Tokuyama; Mary Petrone; Nathan Grubaugh; Patrick Wong; Peiwen Lu; Richard Martinello; Saad Omer; Shelli Farhadian; Tara Alpert
	19524, EPI_ISL_419525, EPI_ISL_419528, EPI_ISL_435720, EPI_ 176527, EPI_ISL_476528, EPI_ISL_476531, EPI_ISL_476542, EPI_		56, EPI_ISL_463157, EPI_ISL_463158, EPI_ISL_463164, EPI_ISL_476517, EPI_ISL_476518, EPI_ISL_476521, EPI_ISL_476522, EPI_ISL_476523,
see above	Yale Clinical Virology Laboratory	Grubaugh Lab - Yale School of Public Health	Adam Moore; Akiko Iwasaki; Albert Ko; Alice Lu; Allison Nelson; Anderson Brito; Anne Wyllie; Arnau Casanovas; Catherine Muenker; Chaney Kalinich; Chantal Vogels; Charlese Dela Cruz; Cole Jensen; Ellen Foxman; Isabel Ott; Joseph Fauver; Maria Tokuyama; Marie Landry; Mary Petrone; Nathan Grubaugh; Patrick Wong; Peiwen Lu; Richard Martinello; Saad Omer; Shelli Farhadian; Tara Alpert
EPI_ISL_684798, EPI_ISL_684799	Yamagata Prefectural Institute of Public Health	Pathogen Genomics Center, National Institute of Infectious Diseases	Kentaro Itokawa; Makoto Kuroda; Masanori Hashino; Rina Tanaka; Tsuyoshi Sekizuka
EPI_ISL_408478	Yongchuan District Center for Disease Control and Prevention	Chongqing Municipal Center for Disease Control and Prevention	Chen Shuang; Li Qing; Ling Hua; Rong Rong; Su Kun; Tan ZhangPing; Tang Wenge; Tang Yun; Ye Sheng; Yu zhen
EPI_ISL_475889, EPI_ISL_475890, EPI_ISL_4	175891, EPI_ISL_475893, EPI_ISL_475905, EPI_ISL_475906, EPI_	ISL_475907, EPI_ISL_475908, EPI_ISL_475909	
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EPI_ISL_404227, EPI_ISL_404228	Zhejiang Provincial Center for Disease Control and Prevention	Department of Microbiology, Zhejiang Provincial Center for Disease Control and Prevention	Chen Chen; Chonggao Hu; Enfu Chen; Fang Xu; Haiyan Mao; Hanping Zhu; Hao Yan; Jian Gao; Jianmin Jiang; Junhang Pan; Juying Yan; Liming Gong; Qiong Ge; Wen Shi; Wenwu Yao; Xinying Wang; Xiuyu Lou; Yan Feng; Yanjun Zhang; Yi Sun; Yin Chen; Yisheng Sun; Yiyu Lu; Zhangnv Yang; Zhen Li; Zhen Wang; Zhiping Chen
EPI_ISL_422425	Zhejiang Provincial Center for Disease Control and Prevention	Zhejiang Provincial Center for Disease Control and Prevention	Yanjun Zhang; Yi Sun
EPI_ISL_408479	Zhongxian Center for Disease Control and Prevention	Chongqing Municipal Center for Disease Control and Prevention	Chen Shuang; Li Qin; Ling Hua; Rong Rong; Su Kun; Tan ZhangPing; Tang Wenge; Tang Yun; Ye Sheng; Yu zhen; Zhang Hong
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EPI_ISL_459909	Zoonotic and Exotic infection Diseases Division, Harbin Veterinary Research Institute, CAAS	Zoonotic and Exotic infection Diseases Division, Harbin Veterinary Research Institute, CAAS	Jinliang Wang; Zhigao Bu
EPI_ISL_468134, EPI_ISL_468135, EPI_ISL_4	I68136, EPI_ISL_468137, EPI_ISL_468138, EPI_ISL_468139, EPI_	ISL_468140, EPI_ISL_468141, EPI_ISL_468143, EPI_ISL_4681	44, EPI_ISL_468145
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EPI_ISL_450196	bumrungrad international hospital	National Institute of Health. Department of medical Sciences, Ministry of Public Health, Thailand	Chittaganpitch; Malinee; Okada; Parnmen; Phuygun; Pilailuk; Siripaporn; Sittiporn; Sunthareeya; Thanadachakul; Thanutsapa; Waicharoen; Warawan; Wongboot
			645, EPLISL_417548, EPLISL_417549, EPLISL_417552, EPLISL_417590, EPLISL_417655, EPLISL_417659, EPLISL_417660, EPLISL_417664, 651, EPLISL_424560, EPLISL_424562, EPLISL_424567, EPLISL_424568, EPLISL_424560, EPLISL_424609
see above	deCODE genetics	deCODE genetics	Agnar Helgason; Alma Moller; Arna B Agustsdottir; Arnaldur Gylfason; Asgeir Sigurdsson; Aslaug Jonasdottir; Berglind Eiriksdottir, Bjarni Thorbjornsson; Brynjar O Jensson; Daniel F Gudbjartsson; Droplaug N Magnusdottir, Eilia Albot E Gardarsdottir; Emila Thorarensen; Gardar Sveinbjornsson; Gisli Masson; Gudmundur L Norddahl; Gudurn Sigmundsdottir, Hakno Jonsson; Hilma Holm; Inglief Jonsdottir, Jona Saemundsdottir; Ramilla S Josefsdottir; Kari Stefansson; Karl G Kristinsson; Kjartan R Gudmundsson; Kristin E Sveinsdottir; Louise le Roux; Maney Sveinsdottir; Olafia S Gretarsdottir; Olafur T Magnusson; Pall Melsted; Patrick Sulem; Run Fridriksdottir; Thora R Gunnarsdottir; Thordur Kristjansson; Thoroftur Gudnason; Unnur Thorsteinsdottir
EPI_ISL_560591, EPI_ISL_560592, EPI_ISL_560593, EPI_ISL_560594, EPI_ISL_560596	hopital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Etienne Simon-Lorière; Fabiana Gambaro; Maud Vanpeene; Sylvie Behillil; Sylvie van der Werf; Vincent Enouf
EPI_ISL_560569, EPI_ISL_560570, EPI_ISL_560573, EPI_ISL_560574, EPI_ISL_560577, EPI_ISL_560578	hôpital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Etienne Simon-Lorière; Fabiana Gambaro; Maud Vanpeene; Sylvie Behillil; Sylvie van der Werf; Vincent Enouf
	147911, EPI_ISL_447912, EPI_ISL_447913, EPI_ISL_447914, EPI_	ISL_447915, EPI_ISL_447916, EPI_ISL_447917, EPI_ISL_4479	018, EPL ISL_447919, EPL ISL_447920, EPL ISL_447921
see above	n/a	National Institute of Health. Department of medical Sciences, Ministry of Public Health, Thailand	Chittaganpitch; Malinee; Okada; Parnmen; Phuygun; Pilailuk; Siripaporn; Sittiporn; Sunthareeya; Thanadachakul; Thanutsapa; Waicharoen; Warawan; Wongboot
EPI_ISL_458286	unknown	Bundeswehr Institute of Microbiology	Antwerpen; Bestehorn-Willmann; Eckstein, S.; Handrick, S.; M.C.; M.H.; M.S.; Naija, H.; R. and Ben Moussa, M.; Rehn, A.; Stoecker, K.; Walter; Woelfel
EPI_ISL_450500, EPI_ISL_450501, EPI_ISL_450502, EPI_ISL_450503, EPI_ISL_450504	unknown	CAS Key Laboratory of Special Pathogens and Biosafety and Center for Emerging Infectious Diseases	Lin, H.; Shi, Z.; Si, H.; Xie, S.; Zhou, P.; Zhu, Y.
EPI_ISL_486429	unknown	Clinical Laboratory, Hospital Israelita Albert Einstein	Amgarten, D.; C.L. and Pinho; F.G.; Guedes; J.R.; Malta, F.; Mangueira; R.A.; R.L.; Santana; de Menezes
EPI_ISL_463001, EPI_ISL_463002, EPI_ISL_463003, EPI_ISL_463005, EPI_ISL_463006	unknown	Clinical virology	Fares, W.; Triki, H.
EPI_ISL_468063, EPI_ISL_468064, EPI_ISL_468065	unknown	Computer Science and Engineering	A.B.; Adcock; Alejandro, B.; Arnold; Carrico, R.; Chariker; Chung, D.; E.C.; F.W.; Hwang; J.H.; J.W.; J.Y.; K.E.; L.A.; Lasnik; Palmer; Park; R.S.; Ramirez, J.; Rouchka; Waigel, S.; Wolf; Zacharias, W.; Zhang, M.
EPI_ISL_450484, EPI_ISL_450485, EPI_ISL_450486, EPI_ISL_450487	unknown	Data Science	C.J.; Carroll; Cohen; Miller; N.K.; S.H.; T.D.; Tran
	147637, EPI_ISL_447638, EPI_ISL_447639, EPI_ISL_447640, EPI_ 147833, EPI_ISI_447834, EPI_ISI_447835, EPI_ISI_447836	ISL_447641, EPI_ISL_447642, EPI_ISL_447643, EPI_ISL_4476	644, EPI_ISL_447645, EPI_ISL_447646, EPI_ISL_447647, EPI_ISL_447648, EPI_ISL_447649, EPI_ISL_447650, EPI_ISL_447651, EPI_ISL_447652,

see above unknown Department of Microbiology Bao, L.; Cai, F.; Deng, W.; Gao, H.; Gao, Q.; Ge, X.; Gong, X.; Hu, Y.; Jiang, D.; Jiang, L.; Kan, B.; Li, C.; Li, J.; Li, Y.; Liu, J.; Lou, X.; Lu, J.; Lv, Z.; Mao, H.; Peng, H.; Qi, Z.; Qin, C.; Shi, W.; Sun, Y.; Tang, H.; Wang, L.; Wang, L.; Wang, K.; Wu, D.; Xu, K.; Yang, M.; Yin, W.; Yin, Y.; Zhang, H.; Zhang, Y.; Zhao, P.; Zhu, L.

Bampali, M.; Dovrolis, N.; Froukala, E.; Gatzidou, E.; Kassela, K.; N. and Karakasiliotis, I.; Spanakis; Stavropoulou, A.; Tsakris, A.; Veletza, S.

Department of Medicine

EPI_ISL_447653, EPI_ISL_447832, EPI_ISL_447833, EPI_ISL_447834, EPI_ISL_447835, EPI_ISL_447836

unknown

EPI_ISL_455683, EPI_ISL_455684, EPI_ISL_455685, EPI_ISL_455686, EPI_ISL_455687, EPI_ISL_455689, EPI_ISL_455689, EPI_ISL_455691, EPI_ISL_455692, EPI_ISL_455693, EPI_ISL_45693, EPI_ISL_455693, EPI_ISL_

see above

EPI_ISL_449480, EPI_ISL_449481, unknown Department of Respiratory and Critical Care Bai, X.; Chang, Y.; Deng, T.; Gao, Y.; He, Y.; Jiang, N.; Liu, L.; Liu, W.; Ma; Ma, L.; Ma, X.; Pan, T.; Shi, H.; W.L. and Gao, Z.; Wang, G.; Wang, G.; Wang, C.; Liu, L.; Liu, W.; Wai, X.; Vu, Y.; Yang, B.; Yang, D.; Zhai, B.; Zhang, J.; Zhang, J.; Zhang, J.; Zhang, J.; Zhang, J.; Zhang, Z.; Zheng, Y.; Zhou, Q.

EPI ISL 413584 unknown Erasmus Medical Center

Anne van der Linden; Annemiek van der Eijk; Aura Timen; Bas Oude Munnink; Claudia Schapendonk; Corien Swaan; Corine GeurtsvanKessel; David Nieuwenhuijse; Irina Chestakova; Jeroen van Kampen; Jolanda Voermans; Madelief Mollers; Manon Haverkate; Marion Koopmans; Mark Pronk; Mart Stein; Pascal Lexmond; Reina Sikkema; Richard Molenkamp; Sandra Kengne Kampa Mobon on behalf of the Dutch national COVID-19 response team.

EPI_ISL_437602, EPI_ISL_437603, EPI_ISL_437604, EPI_ISL_437604, EPI_ISL_437605, EPI_ISL_437606, EPI_ISL_437606, EPI_ISL_437608, EPI_ISL_437609, EPI_ISL_437610, EPI_ISL_437611, EPI_ISL_437612, EPI_ISL_437613, EPI_ISL_437614, EPI_ISL_437615, EPI_ISL_437616, EPI_ISL_437617, EPI_ISL_437618, EPI_ISL_437619, EPI_ISL_437622, EPI_ISL_437622, EPI_ISL_437623, EPI_ISL_437624

see above unknown Faculty of Medicine

Evandro Chagas Institute

see above

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Buathong, R.; Bunprakob, S.; Ghai, S.; Joyjinda, Y.; Mungaomklang, A.; Petcharat, S.; Plipat; Prasithsirikul, W.; Rodpan, A.; Sirichan, N.; T. and Hemachudha, T.; Wacharapluesadee, S.

Alghoribi; M.F.

A.M.; Barbagelata; E.C.; E.M.A.; Ferreira; G.M.R; H.R; J.A.; Junior; K.C.; L.C.; L.S.; M.C.; Martins; P.S.; Pinheiro; Resque; Santos; Silva; Sousa; Sousa Junior; Viana; W.D.C.; da Silva

EPI_ISL_507010, EPI_ISL_507011, EPI_ISL_507012, EPI_ISL_507012, EPI_ISL_507013, EPI_ISL_507024, EPI_ISL_507024, EPI_ISL_507024, EPI_ISL_507024, EPI_ISL_507025, EPI_ISL_507032, EPI_ISL_507032, EPI_ISL_507033, EPI_ISL_507034, EPI_ISL_507035, EPI_ISL_507036, EPI_ISL_507037, EPI_ISL_507038

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		Medical Research Center (KAIMRC)		
EP_ISL_453833, EP_ISL_453834, EP_ISL_453835, EP EP_ISL_453859, EP_ISL_453860, EP_ISL_453865, EP EP_ISL_453890, EP_ISL_453891, EP_ISL_453892, EP EP_ISL_453990, EP_ISL_453925, EP_ISL_453927, EP EP_ISL_454005, EP_ISL_45405, EP_ISL_454007, EP EP_ISL_454025, EP_ISL_454026, EP_ISL_454007, EP EP_ISL_454025, EP_ISL_454026, EP_ISL_454047, EP EP_ISL_454068, EP ISL_454046, EP_ISL_454047, EP EP_ISL_454069, EP_ISL_454090, EP_ISL_454091, EP EP_ISL_454089, EP_ISL_454090, EP_ISL_454031, EP EP_ISL_454130, EP_ISL_454131, EP_ISL_454132, EP EP_ISL_454130, EP_ISL_454140, EP_ISL_454122, EP EP_ISL_454200, EP_ISL_454141, EP_ISL_454222, EP EP_ISL_454240, EP_ISL_45411, EP_ISL_454211, EP_ISL_454211, EP_ISL_454211, EP_ISL_454311, E	ISL 453836, EP ISL 453839, EP ISL 453 ISL 453866, EP ISL 453884, EP ISL 453 ISL 453893, EP ISL 453894, EP ISL 453 ISL 453929, EP ISL 453931, EP ISL 453 ISL 454008, EP ISL 454009, EP ISL 454 ISL 454048, EP ISL 454031, EP ISL 454 ISL 454048, EP ISL 454079, EP ISL 454 ISL 454099, EP ISL 454070, EP ISL 454 ISL 454133, EP ISL 454070, EP ISL 454 ISL 454133, EP ISL 454107, EP ISL 454 ISL 454133, EP ISL 454167, EP ISL 454 ISL 454123, EP ISL 454167, EP ISL 454 ISL 454223, EP ISL 454224, EP ISL 454 ISL 45423, EP ISL 454244, EP ISL 454 ISL 454243, EP ISL 454244, EP ISL 454	840, EPL ISL 453844, EPL ISL 453845, EPL ISL 453846, BPL ISL 45386869, EPL ISL 453870, EPL ISL 453873, EPL ISL 453943, EPL ISL 454014, EPL ISL 454014, EPL ISL 454015, EPL ISL 454016, EPL ISL 4540172, EPL ISL 4540172, EPL ISL 4540172, EPL ISL 4540174, E	23, EPI_ISL_453824, EPI_ISL_453825, EPI_ISL_453826, EPI_ISL_453827, EPI_ISL_453828, EPI_ISL_453829, EPI_ISL_453830, EPI_ISL_453832, 47, EPI_ISL_453846, EPI_ISL_453856, EPI_ISL_453856, EPI_ISL_453865, EPI_ISL_453915, EPI_ISL_454003, EPI_ISL_454004, EPI_ISL_454015, EPI_ISL_454025, EPI_ISL_454005, EPI_ISL_454025, EPI_ISL_454035, EPI_IS	
see above	unknown	Instituto Nacional de Saude (INSA)	Borges et al	
EPI_ISL_582523	unknown	Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)	Borges et al	
EPI_ISL_476559	unknown	Laboratoire Sciences et Technologies de la Santé (STS) Institut Supérieur des Sciences de la Santé Université Hassan 1er, Settat, Morocco	Abderraouf Hilali; Amal Souiri; Hajar Lemriss; Jawad Bouzid; Mustapha Mouallif; Narjis Amar; Sanaâ Lemriss; Saâd EL Kabbaj; Touria Essayagh	
EPI_ISL_450212, EPI_ISL_450213, EPI_ISL_450214	unknown	Microbiological Diagnostic Unit Public Health Laboratory (MDU-PHL) and Victorian Infectious Disease Reference Laboratory (VIDRL)	Alpren, C.; B.P.; Ballard; C.R.; Caly, L.; Catton, M.; D.A.; Dougal, S.; Druce, J.; Duchene, S.; Easton, M.; Goncalves da Silva, A.; Hoang, T.; Horan, K.; Howden; Lane; M.B.; N.L.; S.A.; Sait, M.; Schultz; Seemann, T.; Sherry; Stinear; Sutton, B.; T.P.; Williamson; van Diemen, A.	
EPI_ISL_434570, EPI_ISL_450408, EPI_ISL_450409, EPI_ISL_450410, EPI_ISL_450411, EPI_ISL_450412	unknown	Microbiology	KY.; K.K.W.; K.K.W. and Yuen; To; Yuen	
EPI_ISL_483060	unknown	Microbiology, Canterbury Health Laboratories	Anderson, T.; Dilcher, M.	
EPI_ISL_478669	unknown	Microbiology, Koc University	Can, F.; Dogan, O.; Nurtop, E.; Ozer, B.	
EPI_ISL_434563, EPI_ISL_434564, EPI_ISL_434566, EPI_ISL_434566, EPI_ISL_434566, EPI_ISL_434566, EPI_ISL_434569				
see above	unknown	Microbiology, The University of Hong Kong	KY.; K.K.W. and Yuen; To	
EPI_ISL_444518	unknown	Molecular Infectious Disease	Anderson; B.P.; Gerasimova, A.; Kagan; R.M. and Owen, R.; Rosenthal; S.H.	
EPI_ISL_434697, EPI_ISL_434708	unknown	National Institute of Health. Department of medical Sciences, Ministry of Public Health, Thailand	Chittaganpitch; Malinee; Okada; Parnmen; Phuygun; Pilailuk; Siripaporn; Sittiporn; Sunthareeya; Thanadachakul; Thanutsapa; Waicharoen; Warawan; Wongboot	
EPI_ISL_414626, EPI_ISL_415649, EPI_ISL_415651, EPI_ISL_415652	unknown	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Angela Brisebarre; Flora Donati Vincent Enouf; Marion Barbet; Maud Vanpeene; Méline Bizard; Mélnie Albert; Sylvie Behillil; Sylvie van der Werf	
EPI_ISL_447886	unknown	Pathogen Discovery	Anna Uehara; Clinton R. Paden; Haibin Wang; Jing Zhang; Julu Bhatnagar; Krista Queen; Suxiang Tong; Yan Li; Ying Tao	
EPI_ISL_450404, EPI_ISL_450405	unknown	School of Public Health, The University of Hong Kong	Brackman; C.J.; Chu; D.K.W.; D.N.C.; L.D.; L.L.M. and Peiris, M.; Perera; Poon; R.A.P.M.; Sims; Sit; T.H.S.; Tsang	
EPI_ISL_524798, EPI_ISL_848624, EPI_ISL_848625, EPI_	_ISL_848626, EPI_ISL_848627, EPI_ISL_848	628, EPI_ISL_848629		