

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_11055716, EPI_ISL_11055717	Agincourt clinic	National Institute for Communicable Diseases of the National Health Laboratory Service	Amoako DG, Everatt J, Kekana D, Scheepers C, Mohale T, Ntuli N, Mahlangu B, Mnguni A, Ismail A, Bhiman JN, Wolter N
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EPI_ISL_11055719, EPI_ISL_11055720	Edendale hospital	National Institute for Communicable Diseases of the National Health Laboratory Service	Amoako DG, Everatt J, Kekana D, Scheepers C, Mohale T, Ntuli N, Mahlangu B, Mnguni A, Ismail A, Bhiman JN, Wolter N
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EPI_ISL_11055727, EPI_ISL_11055728, EPI_ISL_11055729, EPI_ISL_11055730, EPI_ISL_11055731	Edendale hospital	National Institute for Communicable Diseases of the National Health Laboratory Service	Amoako DG, Everatt J, Kekana D, Scheepers C, Mohale T, Ntuli N, Mahlangu B, Mnguni A, Ismail A, Bhiman JN, Wolter N
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EPI_ISL_11055740, EPI_ISL_11055741, EPI_ISL_11055742, EPI_ISL_11055743	Red cross childrens hospital	National Institute for Communicable Diseases of the National Health Laboratory Service	Amoako DG, Everatt J, Kekana D, Scheepers C, Mohale T, Ntuli N, Mahlangu B, Mnguni A, Ismail A, Bhiman JN, Wolter N
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EPI_ISL_11055745, EPI_ISL_11055746, EPI_ISL_11055747	Red cross childrens hospital	National Institute for Communicable Diseases of the National Health Laboratory Service	Amoako DG, Everatt J, Kekana D, Scheepers C, Mohale T, Ntuli N, Mahlangu B, Mnguni A, Ismail A, Bhiman JN, Wolter N
EPI_ISL_11055748	Eastridge clinic	National Institute for Communicable Diseases of the National Health Laboratory Service	Amoako DG, Everatt J, Kekana D, Scheepers C, Mohale T, Ntuli N, Mahlangu B, Mnguni A, Ismail A, Bhiman JN, Wolter N
EPI_ISL_11055749	Red cross childrens hospital	National Institute for Communicable Diseases of the National Health Laboratory Service	Amoako DG, Everatt J, Kekana D, Scheepers C, Mohale T, Ntuli N, Mahlangu B, Mnguni A, Ismail A, Bhiman JN, Wolter N
EPI_ISL_11055750	Eastridge clinic	National Institute for Communicable Diseases of the National Health Laboratory Service	Amoako DG, Everatt J, Kekana D, Scheepers C, Mohale T, Ntuli N, Mahlangu B, Mnguni A, Ismail A, Bhiman JN, Wolter N
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EPI_ISL_11055752, EPI_ISL_11055753, EPI_ISL_11055754, EPI_ISL_11055755, EPI_ISL_11055756, EPI_ISL_11055757, EPI_ISL_11055759, EPI_ISL_11055760	Mitchell's plain distric hospital	National Institute for Communicable Diseases of the National Health Laboratory Service	Amoako DG, Everatt J, Kekana D, Scheepers C, Mohale T, Ntuli N, Mahlangu B, Mnguni A, Ismail A, Bhiman JN, Wolter N

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EPI_ISL_12529647	Matikwana hospital	National Institute for Communicable Diseases of the National Health Laboratory Service	Amoako DG, Everatt J, Kekana D, Scheepers C, Mohale T, Ntuli N, Mahlangu B, Mnguni A, Ismail A, Bhiman JN, Wolter N
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EPI_ISL_15055310, EPI_ISL_15055311, EPI_ISL_15055312, EPI_ISL_15055313, EPI_ISL_15055314, EPI_ISL_15055315, EPI_ISL_15055316, EPI_ISL_15055317, EPI_ISL_15055318, EPI_ISL_15055319, EPI_ISL_15055320, EPI_ISL_15055321, EPI_ISL_15055322, EPI_ISL_15055323, EPI_ISL_15055324, EPI_ISL_15055325, EPI_ISL_15055326, EPI_ISL_15055327, EPI_ISL_15055328, EPI_ISL_15067675, EPI_ISL_15067676, EPI_ISL_15067677, EPI_ISL_15067678, EPI_ISL_15067679, EPI_ISL_15067680, EPI_ISL_15067681, EPI_ISL_15067682, EPI_ISL_15067683, EPI_ISL_15067684, EPI_ISL_15067685, EPI_ISL_15067686, EPI_ISL_15067687, EPI_ISL_15067688, EPI_ISL_15067689, EPI_ISL_15067690, EPI_ISL_15067691, EPI_ISL_15067692, EPI_ISL_15067693	Virology Laboratory, Ricardo Gutiérrez Children's Hospital	Virology Laboratory, Ricardo Gutiérrez Children's Hospital	Acuña, Dolores; Goya, Stephanie; Nabaez Jodar, Mercedes S.; Lucion, M. Florencia; Juárez, María del Valle; Gentile, Ángela; Mistchenko, Alicia S.; Viegas, Mariana
EPI_ISL_15120665, EPI_ISL_15120666, EPI_ISL_15120667, EPI_ISL_15120668, EPI_ISL_15120669, EPI_ISL_15120670, EPI_ISL_15120671, EPI_ISL_15120672, EPI_ISL_15120673, EPI_ISL_15120674, EPI_ISL_15120675, EPI_ISL_15120676, EPI_ISL_15120677, EPI_ISL_15120678, EPI_ISL_15120679, EPI_ISL_15120681, EPI_ISL_15120682, EPI_ISL_15120683, EPI_ISL_15120688, EPI_ISL_15120689, EPI_ISL_15120690, EPI_ISL_15120692, EPI_ISL_15120694, EPI_ISL_15120703, EPI_ISL_15120706, EPI_ISL_15120713, EPI_ISL_15120715, EPI_ISL_15120716, EPI_ISL_15120717, EPI_ISL_15120719, EPI_ISL_15120721, EPI_ISL_15120723, EPI_ISL_15120726, EPI_ISL_15120727, EPI_ISL_15120728, EPI_ISL_15120729, EPI_ISL_15120730, EPI_ISL_15120738, EPI_ISL_15120739, EPI_ISL_15120743, EPI_ISL_15120745, EPI_ISL_15120770, EPI_ISL_15120771, EPI_ISL_15120772, EPI_ISL_15120773, EPI_ISL_15120774, EPI_ISL_15120775, EPI_ISL_15120776, EPI_ISL_15120777, EPI_ISL_15120778, EPI_ISL_15120780, EPI_ISL_15120781, EPI_ISL_15120782, EPI_ISL_15120783, EPI_ISL_15120785, EPI_ISL_15120786	National Institute of Hygiene, virology departement, National Influenza Center	Centers for Disease Control and Prevention, Coronavirus and Other Respiratory Viruses Division	Megha Aggarwal, Lijuan Wang, Ji In Park, Amanda Smith and Everardo Vega

EPI_ISL_1520381, EPI_ISL_1520382, EPI_ISL_1520383, EPI_ISL_1520384, EPI_ISL_1520385, EPI_ISL_1520386, EPI_ISL_1520387, EPI_ISL_1520388, EPI_ISL_1520389, EPI_ISL_1520390, EPI_ISL_1520391, EPI_ISL_1520392, EPI_ISL_1520393, EPI_ISL_1520394, EPI_ISL_1520395, EPI_ISL_1520396, EPI_ISL_1520397, EPI_ISL_1520398, EPI_ISL_1520399, EPI_ISL_1520400, EPI_ISL_1520401, EPI_ISL_1520402, EPI_ISL_1520403, EPI_ISL_1520404, EPI_ISL_1520405, EPI_ISL_1520406, EPI_ISL_1520407, EPI_ISL_1520408, EPI_ISL_1520409, EPI_ISL_1520410, EPI_ISL_1520411, EPI_ISL_1520412, EPI_ISL_1520413, EPI_ISL_1520414, EPI_ISL_1520415, EPI_ISL_1520416, EPI_ISL_1520417, EPI_ISL_1520418, EPI_ISL_1520419, EPI_ISL_1520420, EPI_ISL_1520421, EPI_ISL_1520422, EPI_ISL_1520423, EPI_ISL_1520424, EPI_ISL_1520425, EPI_ISL_1520426, EPI_ISL_1520427, EPI_ISL_1520428, EPI_ISL_1520429, EPI_ISL_1520430, EPI_ISL_1520431, EPI_ISL_1520432, EPI_ISL_1520433, EPI_ISL_1520434, EPI_ISL_1520435, EPI_ISL_1520436, EPI_ISL_1520437, EPI_ISL_1520438, EPI_ISL_1520439, EPI_ISL_1520440			
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EPI_ISL_15728615	Edendale	National Institute for Communicable Diseases of the National Health Laboratory Service	Everatt J, Kekana D, Mahlangu B, Stock N, Ntozini B, Ntuli N, Mnguni A, Nzimande A, Ismail A, Bhiman JN, Wolter N
EPI_ISL_15728616	Klerksdorp	National Institute for Communicable Diseases of the National Health Laboratory Service	Everatt J, Kekana D, Mahlangu B, Stock N, Ntozini B, Ntuli N, Mnguni A, Nzimande A, Ismail A, Bhiman JN, Wolter N
EPI_ISL_15728617	Mapulaneng	National Institute for Communicable Diseases of the National Health Laboratory Service	Everatt J, Kekana D, Mahlangu B, Stock N, Ntozini B, Ntuli N, Mnguni A, Nzimande A, Ismail A, Bhiman JN, Wolter N
EPI_ISL_15728618	Matikwane	National Institute for Communicable Diseases of the National Health Laboratory Service	Everatt J, Kekana D, Mahlangu B, Stock N, Ntozini B, Ntuli N, Mnguni A, Nzimande A, Ismail A, Bhiman JN, Wolter N
EPI_ISL_15750126	Eurasian Institute of Zoonotic Infections, The Federal Research Center of Fundamental and Translational Medicine	Eurasian Institute of Zoonotic Infections, The Federal Research Center of Fundamental and Translational Medicine	Solomatina,M.V., Kurskaya,O.G., Kabilov,M.R., Tupikin,A.E., Saroyan,T.A., Derko,A.A., Dubovitskiy,N.A., Sobolev,I.A., Shestopalov,A.M., Sharshov,K.A.
EPI_ISL_15750187, EPI_ISL_15750188, EPI_ISL_15750189, EPI_ISL_15750190, EPI_ISL_15750191, EPI_ISL_15750196, EPI_ISL_15750197, EPI_ISL_15750198, EPI_ISL_15750199, EPI_ISL_15750200	Inserm UMR1137, Université de Paris	Inserm UMR1137, Université de Paris	Coppee,R., Chenane,H.R., Bridier-Nahmias,A., Tcherakian,C., Catherinot,E., Collin,G., Lebourgeois,S., Visseaux.B., Descamps,D., Vasse,M., Farfour,E., Coppee,R., Chenane,H.R., Bridier-Nahmias,A., Collin,G., Lebourgeois,S., Visseaux,B., Descamps,D.
EPI_ISL_15750840, EPI_ISL_15750841, EPI_ISL_15750842, EPI_ISL_15750843, EPI_ISL_15750844	State Key Laboratory of Pathogen and Biosecurity, Beijing Institute of Microbiology and Epidemiology	State Key Laboratory of Pathogen and Biosecurity, Beijing Institute of Microbiology and Epidemiology	Jia,N., Cao,W.-C., Hu,Y.-L., Ye,R.-Z., Que,T.-C., Xia,L.-Y., Cui,X.-M., Zhang,Y.-W., Jiang,J.-F., Wang,Q.-H., Wang,Q., Jia,N., Cao,W.-C., Hu,Y.-L., Ye,R.-Z., Que,T.-C., Xia,L.-Y., Cui,X.-M., Zhang,Y.-W., Jiang,J.-F., Wang,Q.-H., Wang,Q.
EPI_ISL_15752005, EPI_ISL_15752006, EPI_ISL_15752007, EPI_ISL_15752008, EPI_ISL_15752009, EPI_ISL_15752010, EPI_ISL_15752011, EPI_ISL_15752012, EPI_ISL_15752013, EPI_ISL_15752014, EPI_ISL_15752015, EPI_ISL_15752016, EPI_ISL_15752017, EPI_ISL_15752018, EPI_ISL_15752019, EPI_ISL_15752020, EPI_ISL_15752021, EPI_ISL_15752022, EPI_ISL_15752023, EPI_ISL_15752024, EPI_ISL_15752025, EPI_ISL_15752026, EPI_ISL_15752027, EPI_ISL_15752028, EPI_ISL_15752029, EPI_ISL_15752030, EPI_ISL_15752031, EPI_ISL_15752032, EPI_ISL_15752033, EPI_ISL_15752034, EPI_ISL_15752035, EPI_ISL_15752036, EPI_ISL_15752037, EPI_ISL_15752038, EPI_ISL_15752039, EPI_ISL_15752040, EPI_ISL_15752041, EPI_ISL_15752042, EPI_ISL_15752043, EPI_ISL_15752044, EPI_ISL_15752045, EPI_ISL_15752046, EPI_ISL_15752047, EPI_ISL_15752048, EPI_ISL_15752049, EPI_ISL_15752050, EPI_ISL_15752051, EPI_ISL_15752052, EPI_ISL_15752053, EPI_ISL_15752054, EPI_ISL_15752055, EPI_ISL_15752056, EPI_ISL_15752057, EPI_ISL_15752058, EPI_ISL_15752059, EPI_ISL_15752060, EPI_ISL_15752061, EPI_ISL_15752062, EPI_ISL_15752063, EPI_ISL_15752064, EPI_ISL_15752065, EPI_ISL_15752066, EPI_ISL_15752067, EPI_ISL_15752068, EPI_ISL_15752069, EPI_ISL_15752070, EPI_ISL_15752071, EPI_ISL_15752072, EPI_ISL_15752073, EPI_ISL_15752074, EPI_ISL_15752075, EPI_ISL_15752076, EPI_ISL_15752077, EPI_ISL_15752078, EPI_ISL_15752079, EPI_ISL_15752080, EPI_ISL_15752081, EPI_ISL_15752082			
see above	Respiratory Viruses Branch, Division of Viral Diseases	Respiratory Viruses Branch, Division of Viral Diseases	Wang,L., Ng,T.F.F., Castro,C.J., Marine,R.L., Magana,L.C., Esona,M., Peret,T.C.T., Thornburg,N.J., Wang,L., Ng,T.F.F., Castro,C.J., Marine,R.L., Magana,L.C., Esona,M., Peret,T.C.T., Thornburg,N.J.
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EPI_ISL_15753504, EPI_ISL_15753505, EPI_ISL_15753507, EPI_ISL_15753508, EPI_ISL_15753509, EPI_ISL_15753510, EPI_ISL_15753511, EPI_ISL_15753512, EPI_ISL_15753514, EPI_ISL_15753515, EPI_ISL_15753516, EPI_ISL_15753517, EPI_ISL_15753518, EPI_ISL_15753519, EPI_ISL_15753520, EPI_ISL_15753521, EPI_ISL_15753523, EPI_ISL_15753524, EPI_ISL_15753525, EPI_ISL_15753526, EPI_ISL_15753527, EPI_ISL_15753528, EPI_ISL_15753529, EPI_ISL_15753530, EPI_ISL_15753531, EPI_ISL_15753532, EPI_ISL_15753534, EPI_ISL_15753535, EPI_ISL_15753536, EPI_ISL_15753537, EPI_ISL_15753538, EPI_ISL_15753539, EPI_ISL_15753540, EPI_ISL_15753541, EPI_ISL_15753542, EPI_ISL_15753543, EPI_ISL_15753544, EPI_ISL_15753545, EPI_ISL_15753546, EPI_ISL_15753547, EPI_ISL_15753548, EPI_ISL_15753549, EPI_ISL_15753550, EPI_ISL_15753551, EPI_ISL_15753552, EPI_ISL_15753553, EPI_ISL_15753554, EPI_ISL_15753555, EPI_ISL_15753556, EPI_ISL_15753557, EPI_ISL_15753558, EPI_ISL_15753559, EPI_ISL_15753560, EPI_ISL_15753561, EPI_ISL_15753562, EPI_ISL_15753563, EPI_ISL_15753564, EPI_ISL_15753565, EPI_ISL_15753566, EPI_ISL_15753568, EPI_ISL_15753569			
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EPI_ISL_15753574	Eurasian Institute of zoonotic infections, The Federal Research Center of Fundamental and Translational Medicine	Eurasian Institute of zoonotic infections, The Federal Research Center of Fundamental and Translational Medicine	Dubovitskiy,N.A., Sobolev,I.A., Kurskaya,O.G., Anoshina,N.V., Leonova,N.V., Murashkina,T.A., Solomatina,M.V., Derko,A.A., Saroyan,T.A., Kabilov,M.R., Tupikin,A.E., Sharshov,K.A., Shestopalov,A.M.
EPI_ISL_15753575, EPI_ISL_15753577	Eurasian Institute of zoonotic infections, The Federal Research Center of Fundamental and Translational Medicine	Eurasian Institute of zoonotic infections, The Federal Research Center of Fundamental and Translational Medicine	Dubovitskiy,N.A., Sobolev,I.A., Kurskaya,O.G., Smirina,O.A., Komissarova,T.V., Murashkina,T.A., Solomatina,M.V., Derko,A.A., Saroyan,T.A., Kabilov,M.R., Tupikin,A.E., Sharshov,K.A., Shestopalov,A.M.
EPI_ISL_15771587, EPI_ISL_15771589, EPI_ISL_15771591, EPI_ISL_15771593, EPI_ISL_15771595, EPI_ISL_15771598, EPI_ISL_15771600, EPI_ISL_15771601, EPI_ISL_15771603, EPI_ISL_15771604, EPI_ISL_15771606, EPI_ISL_15771609, EPI_ISL_15771611, EPI_ISL_15771613, EPI_ISL_15771615			
see above	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Wang,L., Ng,T.F.F., Castro,C.J., Marine,R.L., Magana,L.C., Esona,M., Peret,T.C.T. and Thornburg,N.J.
EPI_ISL_15772191, EPI_ISL_15772194	Laboratory Medicine, UW Virology	Laboratory Medicine, UW Virology	Sereewit,J., Xie,H. and Greninger,A.
EPI_ISL_15773986, EPI_ISL_15773991, EPI_ISL_15773995, EPI_ISL_15774001, EPI_ISL_15774006, EPI_ISL_15774010, EPI_ISL_15774011, EPI_ISL_15774012, EPI_ISL_15774013, EPI_ISL_15774014, EPI_ISL_15774015, EPI_ISL_15774016, EPI_ISL_15774017, EPI_ISL_15774018, EPI_ISL_15774019, EPI_ISL_15774020, EPI_ISL_15774021, EPI_ISL_15774022, EPI_ISL_15774023, EPI_ISL_15774024, EPI_ISL_15774025, EPI_ISL_15774026, EPI_ISL_15774027, EPI_ISL_15774029, EPI_ISL_15774030, EPI_ISL_15774031, EPI_ISL_15774032, EPI_ISL_15774033, EPI_ISL_15774035, EPI_ISL_15774036, EPI_ISL_15774038, EPI_ISL_15774039, EPI_ISL_15774040, EPI_ISL_15774041, EPI_ISL_15774042, EPI_ISL_15774043, EPI_ISL_15774045, EPI_ISL_15774046, EPI_ISL_15774047, EPI_ISL_15774049, EPI_ISL_15774049, EPI_ISL_15774050, EPI_ISL_15774053, EPI_ISL_15774054, EPI_ISL_15774056, EPI_ISL_15774058, EPI_ISL_15774059, EPI_ISL_15774060, EPI_ISL_15774062, EPI_ISL_15774063, EPI_ISL_15774064, EPI_ISL_15774065, EPI_ISL_15774066, EPI_ISL_15774067, EPI_ISL_15774068, EPI_ISL_15774070, EPI_ISL_15774071			
see above	QLD, Royal Brisbane and Woman's Hospital	WHO Collaborating Centre for Reference and Research on Influenza	Xiaomin Dong, Yi-Mo Deng, Ammar Aziz, Naomi Komadina
EPI_ISL_15820266, EPI_ISL_15820267, EPI_ISL_15820268	Respiratory Viruses Branch, Division of Viral Diseases	Respiratory Viruses Branch, Division of Viral Diseases	Wang,L., Ng,T.F.F., Castro,C.J., Marine,R.L., Magana,L.C., Esona,M., Peret,T.C.T., Thornburg,N.J., Wang,L., Ng,T.F.F., Castro,C.J., Marine,R.L., Magana,L.C., Esona,M., Peret,T.C.T., Thornburg,N.J.
EPI_ISL_15894968, EPI_ISL_15894969, EPI_ISL_15894972, EPI_ISL_15894973, EPI_ISL_15894974, EPI_ISL_15894976, EPI_ISL_15894979, EPI_ISL_15894981, EPI_ISL_15894983, EPI_ISL_15894985, EPI_ISL_15894988, EPI_ISL_15894989, EPI_ISL_15894990, EPI_ISL_15894991, EPI_ISL_15894994, EPI_ISL_15894996, EPI_ISL_15894997, EPI_ISL_15895000, EPI_ISL_15895003, EPI_ISL_15895004, EPI_ISL_15895005, EPI_ISL_15895007, EPI_ISL_15895008, EPI_ISL_15895010, EPI_ISL_15895011, EPI_ISL_15895012, EPI_ISL_15895013, EPI_ISL_15895015, EPI_ISL_15895017, EPI_ISL_15895018, EPI_ISL_15895019, EPI_ISL_15895021			
see above	Laboratorio Central de Saude Publica do Estado do Rio Grande do Sul (LACEN/RS)	Laboratory of Respiratory Viruses and Measles, Oswaldo Cruz Institute, FIOCRUZ	Paola Resende, Fernando Motta, Elisa Cavalcante Pereira, Bruna Mendonça da Silva, Jéssica Graça Macedo de Carvalho, Larissa Macedo Pinto, Victor Guimarães, Igor Leonardo Arantes, Letícia Scalconi, Anderson Brandão Leite, Marilda Siqueira on behalf of the Fiocruz COVID-19 Genomic Surveillance Network
EPI_ISL_15895037, EPI_ISL_15895040,	Laboratorio Central de Saude Publica do Estado do Espírito	Laboratory of Respiratory Viruses and Measles, Oswaldo Cruz	Paola Resende, Fernando Motta, Elisa Cavalcante Pereira, Igor Arantes, Bruna Mendonça da Silva, Jéssica Graça Macedo de Carvalho, Larissa Macedo

EPI_ISL_15895043, EPI_ISL_15895044	Santo (LACEN/ES)	Institute, FIOCRUZ	Pinto, Victor Guimaraes, Leticia Scalioni, Rodrigo Ribeiro Rodrigues, Marilda Siqueira on behalf of the Fiocruz COVID-19 Genomic Surveillance Network
EPI_ISL_15895046, EPI_ISL_15895050, EPI_ISL_15895051, EPI_ISL_15895053, EPI_ISL_15895054	Laboratorio Central de Saude Publica do Estado do Rio Grande do Sul (LACEN/RS)	Laboratory of Respiratory Viruses and Measles, Oswaldo Cruz Institute, FIOCRUZ	Paola Resende, Fernando Motta, Elisa Cavalcante Pereira, Bruna Mendonça da Silva, Jéssica Graça Macedo de Carvalho, Larissa Macedo Pinto, Victor Guimaraes, Igor Leonardo Arantes, Leticia Scalioni, Anderson Brandao Leite, Marilda Siqueira on behalf of the Fiocruz COVID-19 Genomic Surveillance Network
EPI_ISL_15895070, EPI_ISL_15895082, EPI_ISL_15895083, EPI_ISL_15895086, EPI_ISL_15895087, EPI_ISL_15895088, EPI_ISL_15895089, EPI_ISL_15895091, EPI_ISL_15895092	Laboratorio Central de Saude Publica do Estado do Espírito Santo (LACEN/ES)	Laboratory of Respiratory Viruses and Measles, Oswaldo Cruz Institute, FIOCRUZ	Paola Resende, Fernando Motta, Elisa Cavalcante Pereira, Igor Arantes, Bruna Mendonça da Silva, Jéssica Graça Macedo de Carvalho, Larissa Macedo Pinto, Victor Guimaraes, Leticia Scalioni, Rodrigo Ribeiro Rodrigues, Marilda Siqueira on behalf of the Fiocruz COVID-19 Genomic Surveillance Network
EPI_ISL_15895096, EPI_ISL_15895098, EPI_ISL_15895100, EPI_ISL_15895101, EPI_ISL_15895102, EPI_ISL_15895103, EPI_ISL_15895105, EPI_ISL_15895107, EPI_ISL_15895110, EPI_ISL_15895114, EPI_ISL_15895115, EPI_ISL_15895116, EPI_ISL_15895117, EPI_ISL_15895118, EPI_ISL_15895119, EPI_ISL_15895120			
see above	Laboratorio Central de Saude Publica do Estado do Parana (LACEN/PR)	Laboratory of Respiratory Viruses and Measles, Oswaldo Cruz Institute, FIOCRUZ	Paola Resende, Fernando Motta, Elisa Cavalcante Pereira, Igor Arantes, Bruna Mendonça da Silva, Jéssica Graça Macedo de Carvalho, Larissa Macedo Pinto, Victor Guimaraes, Leticia Scalioni, Irina Riediger, Marilda Siqueira on behalf of the Fiocruz COVID-19 Genomic Surveillance Network
EPI_ISL_15895124	Universidade Federal de São Paulo, Departamento de Medicina, Disciplina de Doenças Infecciosas e Parasitárias. Laboratório de Virologia	Laboratory of Respiratory Viruses and Measles, Oswaldo Cruz Institute, FIOCRUZ	Paola Resende, Fernando Motta, Elisa Cavalcante Pereira, Igor Arantes, Bruna Mendonça da Silva, Jéssica Graça Macedo de Carvalho, Larissa Macedo Pinto, Victor Guimaraes, Leticia Scalioni, Ana Helena Perosa, Gabriela Rodrigues Barbosa, Nancy Bellei e Marilda Siqueira on behalf of the Fiocruz COVID-19 Genomic Surveillance Network
EPI_ISL_15895130	Laboratorio Central de Saude Publica do Estado do Amapa (LACEN/AP)	Laboratory of Respiratory Viruses and Measles, Oswaldo Cruz Institute, FIOCRUZ	Paola Resende, Fernando Motta, Elisa Cavalcante Pereira, Igor Arantes, Bruna Mendonça da Silva, Jéssica Graça Macedo de Carvalho, Larissa Macedo Pinto, Victor Guimaraes, Leticia Scalioni, Andreia Santos Costa, Marcia Socorro Pereira Cavalcante, Anne Caroline da Silva Soledade, Lindomar dos Anjos Silva, Marilda Siqueira on behalf of the Fiocruz COVID-19 Genomic Surveillance Network
EPI_ISL_15895133, EPI_ISL_15895134	Universidade Federal de São Paulo, Departamento de Medicina, Disciplina de Doenças Infecciosas e Parasitárias. Laboratório de Virologia	Laboratory of Respiratory Viruses and Measles, Oswaldo Cruz Institute, FIOCRUZ	Paola Resende, Fernando Motta, Elisa Cavalcante Pereira, Igor Arantes, Bruna Mendonça da Silva, Jéssica Graça Macedo de Carvalho, Larissa Macedo Pinto, Victor Guimaraes, Leticia Scalioni, Ana Helena Perosa, Gabriela Rodrigues Barbosa, Nancy Bellei e Marilda Siqueira on behalf of the Fiocruz COVID-19 Genomic Surveillance Network
EPI_ISL_15895136, EPI_ISL_15895137	Laboratorio Central de Saude Publica do Estado do Parana (LACEN/PR)	Laboratory of Respiratory Viruses and Measles, Oswaldo Cruz Institute, FIOCRUZ	Paola Resende, Fernando Motta, Elisa Cavalcante Pereira, Igor Arantes, Bruna Mendonça da Silva, Jéssica Graça Macedo de Carvalho, Larissa Macedo Pinto, Victor Guimaraes, Leticia Scalioni, Irina Riediger, Marilda Siqueira on behalf of the Fiocruz COVID-19 Genomic Surveillance Network
EPI_ISL_15895140, EPI_ISL_15895141	Laboratory of Respiratory Viruses and Measles, Oswaldo Cruz Institute, FIOCRUZ	Laboratory of Respiratory Viruses and Measles, Oswaldo Cruz Institute, FIOCRUZ	Paola Resende, Luciana Appolinario, Fernando Motta, Elisa Cavalcante Pereira, Igor Arantes, Alice Sampaio Rocha, Bruna Mendonça da Silva, Jéssica Graça Macedo de Carvalho, Larissa Macedo Pinto, Victor Guimaraes, Leticia Scalioni, Marilda Siqueira on behalf of the Fiocruz COVID-19 Genomic Surveillance Network
EPI_ISL_15895142	Universidade Federal de São Paulo, Departamento de Medicina, Disciplina de Doenças Infecciosas e Parasitárias. Laboratório de Virologia	Laboratory of Respiratory Viruses and Measles, Oswaldo Cruz Institute, FIOCRUZ	Paola Resende, Fernando Motta, Elisa Cavalcante Pereira, Igor Arantes, Bruna Mendonça da Silva, Jéssica Graça Macedo de Carvalho, Larissa Macedo Pinto, Victor Guimaraes, Leticia Scalioni, Ana Helena Perosa, Gabriela Rodrigues Barbosa, Nancy Bellei e Marilda Siqueira on behalf of the Fiocruz COVID-19 Genomic Surveillance Network
EPI_ISL_15896139, EPI_ISL_15896141, EPI_ISL_15896143	NT, Royal Darwin Hospital	WHO Collaborating Centre for Reference and Research on Influenza	Xiaomin Dong, Steven Edwards, Yi-Mo Deng, Ammar Aziz, Ian Barr
EPI_ISL_15896144, EPI_ISL_15896145, EPI_ISL_15896146	QLD, Queensland Childrens Hospital	WHO Collaborating Centre for Reference and Research on Influenza	Xiaomin Dong, Steven Edwards, Yi-Mo Deng, Ammar Aziz, Ian Barr
EPI_ISL_15896148, EPI_ISL_15896149, EPI_ISL_15896150, EPI_ISL_15896151, EPI_ISL_15896152	VIC, RCH Molecular Microbiology Dept. (Bio21)	WHO Collaborating Centre for Reference and Research on Influenza	Xiaomin Dong, Steven Edwards, Yi-Mo Deng, Ammar Aziz, Ian Barr
EPI_ISL_15896155	VIC, Royal Children's Hospital	WHO Collaborating Centre for Reference and Research on Influenza	Xiaomin Dong, Steven Edwards, Yi-Mo Deng, Ammar Aziz, Ian Barr
EPI_ISL_15896156	NT, Royal Darwin Hospital	WHO Collaborating Centre for Reference and Research on Influenza	Xiaomin Dong, Steven Edwards, Yi-Mo Deng, Ammar Aziz, Ian Barr
EPI_ISL_15896158, EPI_ISL_15896159	VIC, RCH Molecular Microbiology Dept. (Bio21)	WHO Collaborating Centre for Reference and Research on Influenza	Xiaomin Dong, Steven Edwards, Yi-Mo Deng, Ammar Aziz, Ian Barr
EPI_ISL_15896160, EPI_ISL_15896161	NT, Royal Darwin Hospital	WHO Collaborating Centre for Reference and Research on Influenza	Xiaomin Dong, Steven Edwards, Yi-Mo Deng, Ammar Aziz, Ian Barr
EPI_ISL_15896162, EPI_ISL_15896164	QLD, Queensland Childrens Hospital	WHO Collaborating Centre for Reference and Research on Influenza	Xiaomin Dong, Steven Edwards, Yi-Mo Deng, Ammar Aziz, Ian Barr
EPI_ISL_15896166, EPI_ISL_15896167	VIC, RCH Molecular Microbiology Dept. (Bio21)	WHO Collaborating Centre for Reference and Research on Influenza	Xiaomin Dong, Steven Edwards, Yi-Mo Deng, Ammar Aziz, Ian Barr
EPI_ISL_15896168, EPI_ISL_15896169, EPI_ISL_15896170, EPI_ISL_15896171	NT, Royal Darwin Hospital	WHO Collaborating Centre for Reference and Research on Influenza	Xiaomin Dong, Steven Edwards, Yi-Mo Deng, Ammar Aziz, Ian Barr
EPI_ISL_15896172	QLD, Queensland Childrens Hospital	WHO Collaborating Centre for Reference and Research on Influenza	Xiaomin Dong, Steven Edwards, Yi-Mo Deng, Ammar Aziz, Ian Barr
EPI_ISL_15896175, EPI_ISL_15896176, EPI_ISL_15896177, EPI_ISL_15896178, EPI_ISL_15896179, EPI_ISL_15896181, EPI_ISL_15896182, EPI_ISL_15896183	VIC, RCH Molecular Microbiology Dept. (Bio21)	WHO Collaborating Centre for Reference and Research on Influenza	Xiaomin Dong, Steven Edwards, Yi-Mo Deng, Ammar Aziz, Ian Barr
EPI_ISL_15896186, EPI_ISL_15896187, EPI_ISL_15896188, EPI_ISL_15896189, EPI_ISL_15896193	NT, Royal Darwin Hospital	WHO Collaborating Centre for Reference and Research on Influenza	Xiaomin Dong, Steven Edwards, Yi-Mo Deng, Ammar Aziz, Ian Barr
EPI_ISL_15896194, EPI_ISL_15896195	VIC, RCH Molecular Microbiology Dept. (Bio21)	WHO Collaborating Centre for Reference and Research on Influenza	Xiaomin Dong, Steven Edwards, Yi-Mo Deng, Ammar Aziz, Ian Barr
EPI_ISL_15896198, EPI_ISL_15896199, EPI_ISL_15896202, EPI_ISL_15896203	NT, Royal Darwin Hospital	WHO Collaborating Centre for Reference and Research on Influenza	Xiaomin Dong, Steven Edwards, Yi-Mo Deng, Ammar Aziz, Ian Barr
EPI_ISL_15896211, EPI_ISL_15896213, EPI_ISL_15896218	VIC, RCH Molecular Microbiology Dept. (Bio21)	WHO Collaborating Centre for Reference and Research on Influenza	Xiaomin Dong, Steven Edwards, Yi-Mo Deng, Ammar Aziz, Ian Barr
EPI_ISL_15896222	NT, Royal Darwin Hospital	WHO Collaborating Centre for Reference and Research on Influenza	Xiaomin Dong, Steven Edwards, Yi-Mo Deng, Ammar Aziz, Ian Barr
EPI_ISL_15896234	QLD, Queensland Childrens Hospital	WHO Collaborating Centre for Reference and Research on Influenza	Xiaomin Dong, Steven Edwards, Yi-Mo Deng, Ammar Aziz, Ian Barr
EPI_ISL_15896257	NT, Royal Darwin Hospital	WHO Collaborating Centre for Reference and Research on Influenza	Xiaomin Dong, Steven Edwards, Yi-Mo Deng, Ammar Aziz, Ian Barr
EPI_ISL_15896294	VIC, RCH Molecular Microbiology Dept. (Bio21)	WHO Collaborating Centre for Reference and Research on Influenza	Xiaomin Dong, Steven Edwards, Yi-Mo Deng, Ammar Aziz, Ian Barr

EPI_ISL_16132328	University of WashingtonLaboratory Medicine and Pathology, UW Medicine	University of WashingtonLaboratory Medicine and Pathology, UW Medicine	Goya,S., Sereewit,J., Pfalmer,D., Nguyen,T., Sobolik,E.B. and Greninger,A.L.	
EPI_ISL_16132330, EPI_ISL_16132331, EPI_ISL_16132332, EPI_ISL_16132333, EPI_ISL_16132334, EPI_ISL_16132336, EPI_ISL_16132338, EPI_ISL_16132339, EPI_ISL_16132340, EPI_ISL_16132341, EPI_ISL_16132342, EPI_ISL_16132343, EPI_ISL_16132344, EPI_ISL_16132345, EPI_ISL_16132346, EPI_ISL_16132347, EPI_ISL_16132348, EPI_ISL_16132349, EPI_ISL_16132350, EPI_ISL_16132351, EPI_ISL_16132353, EPI_ISL_16132354, EPI_ISL_16132355, EPI_ISL_16132356, EPI_ISL_16132357, EPI_ISL_16132360, EPI_ISL_16132361, EPI_ISL_16132362, EPI_ISL_16132363, EPI_ISL_16132364, EPI_ISL_16132365, EPI_ISL_16132366, EPI_ISL_16132368, EPI_ISL_16132369, EPI_ISL_16132371, EPI_ISL_16132372, EPI_ISL_16132376, EPI_ISL_16132377, EPI_ISL_16132378	see above	Infectious Disease Program, Broad Institute of Harvard and MIT	Infectious Disease Program, Broad Institute of Harvard and MIT	Adams,G., Uddin,R., Messer,K., Dobbins,S., Kotzen,B., Siddle,K.J., Petros,B., Paull,J., Brock-Fisher,T., Levine,Z., Kraslinikova,L., Negrete-Arenas,F., Tomkins-Tinch,C., Chaluvadi,S., Marmol,C., DeRuff,K., Loreth,C., Birren,B.W., Park,D.J., MacInnis,B.L., Sabeti,P.C., Rosenberg,E., Turbett,S., Lemieux,J.E., Adams,G., Uddin,R., Messer,K., Dobbins,S., Kotzen,B., Siddle,K.J., Petros,B., Paull,J., Brock-Fisher,T., Levine,Z., Kraslinikova,L., Negrete-Arenas,F., Tomkins-Tinch,C., Chaluvadi,S., Marmol,C., DeRuff,K., Loreth,C., Birren,B.W., Park,D.J., MacInnis,B.L., Sabeti,P.C., Rosenberg,E., Turbett,S., Lemieux,J.E.
EPI_ISL_16132384, EPI_ISL_16132385, EPI_ISL_16132386, EPI_ISL_16132387, EPI_ISL_16132388, EPI_ISL_16132389, EPI_ISL_16132390, EPI_ISL_16132391, EPI_ISL_16132392, EPI_ISL_16132393, EPI_ISL_16132394, EPI_ISL_16132395, EPI_ISL_16132396, EPI_ISL_16132397, EPI_ISL_16132398, EPI_ISL_16132399, EPI_ISL_16132400, EPI_ISL_16132401, EPI_ISL_16132402, EPI_ISL_16132403, EPI_ISL_16132404, EPI_ISL_16132405, EPI_ISL_16132406, EPI_ISL_16132407, EPI_ISL_16132408, EPI_ISL_16132409, EPI_ISL_16132410, EPI_ISL_16132411, EPI_ISL_16132412	see above	University of WashingtonLaboratory Medicine and Pathology, UW Medicine	University of WashingtonLaboratory Medicine and Pathology, UW Medicine	Goya,S., Sereewit,J., Pfalmer,D., Nguyen,T., Sobolik,E.B. and Greninger,A.L.
EPI_ISL_1647383, EPI_ISL_1647384, EPI_ISL_1647385, EPI_ISL_1647386, EPI_ISL_1647387, EPI_ISL_1647388, EPI_ISL_1647389, EPI_ISL_1647390, EPI_ISL_1647391, EPI_ISL_1647392, EPI_ISL_1647393, EPI_ISL_1647394, EPI_ISL_1647395, EPI_ISL_1647396, EPI_ISL_1647397, EPI_ISL_1647398, EPI_ISL_1647399, EPI_ISL_1647400, EPI_ISL_1647401, EPI_ISL_1647402, EPI_ISL_1647403, EPI_ISL_1647404, EPI_ISL_1647405, EPI_ISL_1647406, EPI_ISL_1647407, EPI_ISL_1647408, EPI_ISL_1647409, EPI_ISL_1647410, EPI_ISL_1647411, EPI_ISL_1647412, EPI_ISL_1647413, EPI_ISL_1647414, EPI_ISL_1647415, EPI_ISL_1647416, EPI_ISL_1647417, EPI_ISL_1647418, EPI_ISL_1647419, EPI_ISL_1647420, EPI_ISL_1647421, EPI_ISL_1647422	see above	Respiratory Virus Unit, National Infection Service, Public Health England	National Infection Service, Public Health England	Zambon M, Talts T, Ellis J, Miah S, Platt S
EPI_ISL_1647456, EPI_ISL_1647457, EPI_ISL_1647458, EPI_ISL_1647459, EPI_ISL_1647460, EPI_ISL_1647461, EPI_ISL_1647462, EPI_ISL_1647463, EPI_ISL_1647464, EPI_ISL_1647465, EPI_ISL_1647466, EPI_ISL_1647467, EPI_ISL_1647468, EPI_ISL_1647469	see above	Instituto Nacional de Saúde	WHO Influenza Centre for Reference and Research on Influenza	Angela Todd, Yi-Mo Deng, Almiro Rogerio Tivane, Naomi Komadina
EPI_ISL_1653937	Royal Children's Hospital	WHO Influenza Centre for Reference and Research on Influenza	Angela Todd, Yi-Mo Deng, Annette Alafaci, Naomi Komadina	
EPI_ISL_1653938, EPI_ISL_1653939	Royal Children's Hospital	WHO Influenza Centre for Reference and Research on Influenza	Jean Moselen, Yi-Mo Deng, Annette Alafaci, Naomi Komadina	
EPI_ISL_1653940	Royal Children's Hospital	WHO Influenza Centre for Reference and Research on Influenza	Angela Todd, Yi-Mo Deng, Annette Alafaci, Naomi Komadina	
EPI_ISL_1653941, EPI_ISL_1653942	Royal Children's Hospital	WHO Influenza Centre for Reference and Research on Influenza	Jean Moselen, Yi-Mo Deng, Annette Alafaci, Naomi Komadina	
EPI_ISL_1653943	Royal Children's Hospital	WHO Influenza Centre for Reference and Research on Influenza	Angela Todd, Yi-Mo Deng, Annette Alafaci, Naomi Komadina	
EPI_ISL_1653944	Royal Children's Hospital	WHO Influenza Centre for Reference and Research on Influenza	Jean Moselen, Yi-Mo Deng, Annette Alafaci, Naomi Komadina	
EPI_ISL_1653945	Royal Children's Hospital	WHO Influenza Centre for Reference and Research on Influenza	Angela Todd, Yi-Mo Deng, Annette Alafaci, Naomi Komadina	
EPI_ISL_1653946	Royal Children's Hospital	WHO Influenza Centre for Reference and Research on Influenza	Jean Moselen, Yi-Mo Deng, Annette Alafaci, Naomi Komadina	
EPI_ISL_1653947	Royal Children's Hospital	WHO Influenza Centre for Reference and Research on Influenza	Angela Todd, Yi-Mo Deng, Annette Alafaci, Naomi Komadina	
EPI_ISL_1653948	Royal Children's Hospital	WHO Influenza Centre for Reference and Research on Influenza	Jean Moselen, Yi-Mo Deng, Annette Alafaci, Naomi Komadina	
EPI_ISL_1653949, EPI_ISL_1653950, EPI_ISL_1653951, EPI_ISL_1653952, EPI_ISL_1653953, EPI_ISL_1653954, EPI_ISL_1653955, EPI_ISL_1653956, EPI_ISL_1653957, EPI_ISL_1653958, EPI_ISL_1653959, EPI_ISL_1653960, EPI_ISL_1653961, EPI_ISL_1653962, EPI_ISL_1653963, EPI_ISL_1653964, EPI_ISL_1653965, EPI_ISL_1653966, EPI_ISL_1653967, EPI_ISL_1653968, EPI_ISL_1653969, EPI_ISL_1653970, EPI_ISL_1653971, EPI_ISL_1653972, EPI_ISL_1653973, EPI_ISL_1653974, EPI_ISL_1653975, EPI_ISL_1653976, EPI_ISL_1653977, EPI_ISL_1653978, EPI_ISL_1653979, EPI_ISL_1653980, EPI_ISL_1653981, EPI_ISL_1653982, EPI_ISL_1653983, EPI_ISL_1653984, EPI_ISL_1653985, EPI_ISL_1653986, EPI_ISL_1653987, EPI_ISL_1653988, EPI_ISL_1653989, EPI_ISL_1653990, EPI_ISL_1653991, EPI_ISL_1653992, EPI_ISL_1834083, EPI_ISL_1834084, EPI_ISL_1834085, EPI_ISL_1834086, EPI_ISL_1834087, EPI_ISL_1834088, EPI_ISL_1834089, EPI_ISL_1834090, EPI_ISL_1834091, EPI_ISL_1834092, EPI_ISL_1834093, EPI_ISL_1834094, EPI_ISL_1834095, EPI_ISL_1834096, EPI_ISL_1834097, EPI_ISL_1834098, EPI_ISL_1834099, EPI_ISL_1834100, EPI_ISL_1834101, EPI_ISL_1834102, EPI_ISL_1834103, EPI_ISL_1834104, EPI_ISL_1834105, EPI_ISL_1834106, EPI_ISL_1834107, EPI_ISL_1834108, EPI_ISL_1834109, EPI_ISL_1834110, EPI_ISL_1834112, EPI_ISL_1834113, EPI_ISL_1834114, EPI_ISL_1834115, EPI_ISL_1834116, EPI_ISL_1834117, EPI_ISL_1834118, EPI_ISL_1834119, EPI_ISL_1834120, EPI_ISL_1834121, EPI_ISL_1834123, EPI_ISL_1834124, EPI_ISL_1834125, EPI_ISL_1834126, EPI_ISL_1834127, EPI_ISL_1834128, EPI_ISL_1834129, EPI_ISL_1834130, EPI_ISL_1834131, EPI_ISL_1834132, EPI_ISL_1834133, EPI_ISL_1834134, EPI_ISL_1834135, EPI_ISL_1834136, EPI_ISL_1834137, EPI_ISL_1834138, EPI_ISL_1834139, EPI_ISL_1834140, EPI_ISL_1834141, EPI_ISL_1834142, EPI_ISL_1834143, EPI_ISL_1834144, EPI_ISL_1834145, EPI_ISL_1834146, EPI_ISL_1834147, EPI_ISL_1834148, EPI_ISL_1834149	see above	Royal Children's Hospital	WHO Influenza Centre for Reference and Research on Influenza	Angela Todd, Yi-Mo Deng, Annette Alafaci, Naomi Komadina
EPI_ISL_1834150, EPI_ISL_1834151, EPI_ISL_1834152, EPI_ISL_1834153, EPI_ISL_1834154, EPI_ISL_1834155, EPI_ISL_1834158, EPI_ISL_1834159, EPI_ISL_1834160, EPI_ISL_1834161, EPI_ISL_1834162, EPI_ISL_1834163, EPI_ISL_1834164, EPI_ISL_1834165, EPI_ISL_1834166, EPI_ISL_1834167, EPI_ISL_1834168, EPI_ISL_1834169, EPI_ISL_1834170, EPI_ISL_1834171, EPI_ISL_1834172, EPI_ISL_1834173	see above	Respiratory Virus Unit, National Infection Service, Public Health England	National Infection Service, Public Health England	Zambon M, Talts T, Ellis J, Miah S, Platt S
EPI_ISL_2156812, EPI_ISL_2156813, EPI_ISL_2156814	Royal Children's Hospital	WHO Influenza Centre for Reference and Research on Influenza	Angela Todd, Yi-Mo Deng, Annette Alafaci, Naomi Komadina	
EPI_ISL_2543761	National Center for Communicable Diseases	WHO Collaborating Centre for Reference and Research on Influenza	Xiaomin Dong, Darmaa Bardach, Yi-Mo Deng, Ammar Aziz, Naomi Komadina	
EPI_ISL_2543762, EPI_ISL_2543764, EPI_ISL_2543765, EPI_ISL_2543766, EPI_ISL_2543767, EPI_ISL_2543768, EPI_ISL_2543769, EPI_ISL_2543770, EPI_ISL_2543771, EPI_ISL_2543772, EPI_ISL_2543773, EPI_ISL_2543774, EPI_ISL_2543775, EPI_ISL_2543776, EPI_ISL_2543777, EPI_ISL_2543778, EPI_ISL_2543779, EPI_ISL_2543780, EPI_ISL_2543781	see above	Monash Medical Centre	WHO Collaborating Centre for Reference and Research on Influenza	Xiaomin Dong, Michelle Francis, Tony Korman, Yi-Mo Deng, Ammar Aziz, Naomi Komadina
EPI_ISL_2543782, EPI_ISL_2543783, EPI_ISL_2543784, EPI_ISL_2543785, EPI_ISL_2543786, EPI_ISL_2543787, EPI_ISL_2543788, EPI_ISL_2543789, EPI_ISL_2543790, EPI_ISL_2543791, EPI_ISL_2543792, EPI_ISL_2543793, EPI_ISL_2543794, EPI_ISL_2543795, EPI_ISL_2543796, EPI_ISL_2543797, EPI_ISL_2543798, EPI_ISL_2543799, EPI_ISL_2543800, EPI_ISL_2543801, EPI_ISL_2543802, EPI_ISL_2543803, EPI_ISL_2543804, EPI_ISL_2543805, EPI_ISL_2543806, EPI_ISL_2543807, EPI_ISL_2543808, EPI_ISL_2543809, EPI_ISL_2543810	see above	Royal Children's Hospital	WHO Collaborating Centre for Reference and Research on Influenza	Xiaomin Dong, Annette Alafaci, Yi-Mo Deng, Ammar Aziz, Naomi Komadina
EPI_ISL_2543811, EPI_ISL_2543812, EPI_ISL_2543813, EPI_ISL_2543814, EPI_ISL_2543815, EPI_ISL_2543816, EPI_ISL_2543817, EPI_ISL_2543818, EPI_ISL_2543819, EPI_ISL_2543820, EPI_ISL_2543821, EPI_ISL_2543822, EPI_ISL_2543823, EPI_ISL_2543824, EPI_ISL_2543825, EPI_ISL_2543826	see above	Institut Pasteur de Cote d'Ivoire	WHO Collaborating Centre for Reference and Research on Influenza	Xiaomin Dong, Herve Kadjjo, Yi-Mo Deng, Ammar Aziz, Naomi Komadina
EPI_ISL_2543827, EPI_ISL_2543828, EPI_ISL_2543829, EPI_ISL_2543830, EPI_ISL_2543831, EPI_ISL_2543832, EPI_ISL_2543833, EPI_ISL_2543834, EPI_ISL_2543835, EPI_ISL_2543836, EPI_ISL_2543837, EPI_ISL_2543838, EPI_ISL_2543839, EPI_ISL_2543840, EPI_ISL_2543841, EPI_ISL_2543842, EPI_ISL_2543843, EPI_ISL_2543844				

see above	National Center for Communicable Diseases	WHO Collaborating Centre for Reference and Research on Influenza	Xiaomin Dong, Darmaa Bardach, Yi-Mo Deng, Ammar Aziz, Naomi Komadina
EPI_ISL_2543845, EPI_ISL_2543846, EPI_ISL_2543847	NIC, National Institute of Health	WHO Collaborating Centre for Reference and Research on Influenza	Xiaomin Dong, Pilailuk Akkapaiboon Okada, Yi-Mo Deng, Ammar Aziz, Naomi Komadina
EPI_ISL_2543922	KEMRI Wellcome Trust Research Programme	KEMRI Wellcome Trust Research Programme	Agoti,C.N., Otieno,J.R., Munywoki,P.K., Mwihuri,A.G., Cane,P.A., Nokes,D.J., Kellam,P. and Cotten,M.L.
EPI_ISL_2543931	Pathogen Diagnostic Center, Institut Pasteur of Shanghai, Chinese Academy of Sciences	Pathogen Diagnostic Center, Institut Pasteur of Shanghai, Chinese Academy of Sciences	Fu,X., He,Z., Lan,K., Zhang,C., Dong,W., Cheng,Y. and Hu,Y.
EPI_ISL_2543932	Microbiology Department, The University of Hong Kong, Queen Mary Hospital, University Pathology Building	Microbiology Department, The University of Hong Kong, Queen Mary Hospital, University Pathology Building	Zhang,K., He,J., Cheng,Z., Zhou,J., Bose,M., Henrickson,K.J. and Zheng,B.
EPI_ISL_2543933	Influenza Group, National Institute of Virology	Influenza Group, National Institute of Virology	Choudhary,M.L., Wadhwa,B., Jadhav,S.M., Chadha,M.S. and Mourya,D.T.
EPI_ISL_2543934, EPI_ISL_2543935, EPI_ISL_2543936	J. Craig Venter Institute	J. Craig Venter Institute	Shabman,R., Das,S.R., Puri,V., Fedorova,N., Amedeo,P., Williams,M., Shrivastava,S. and Halasa,N.
EPI_ISL_2543937, EPI_ISL_2543938, EPI_ISL_2543939, EPI_ISL_2543940	Virology, Graduate School of Medicine, Tohoku University	Virology, Graduate School of Medicine, Tohoku University	Malasao,R., Furuse,Y., Okamoto,M., Dapat,C., Saito,M., Saito-Obata,M., Tamaki,R., Segubre-Mercado,E., Lupisan,S. and Oshitani,H.
EPI_ISL_2543941	Division of Biosafety Evaluation and Control, Korea National Institute of Health, Korea Centers for Disease Control and Prevention	Division of Biosafety Evaluation and Control, Korea National Institute of Health, Korea Centers for Disease Control and Prevention	Yun,M.-R., Lee,W.-J., Kim,A.-R., Lee,H.S., Kim,K., Kim,S.S., Kim,Y.-J. and Kim,D.-W.
EPI_ISL_2543943	Emerging Viral Infections, Oxford University Clinical Research Unit	Emerging Viral Infections, Oxford University Clinical Research Unit	Do,L.A.H., Wilm,A., van Doorn,H.R., Lam,H.M., Sukumanar,R., Tran,A.T., Nguyen,B.H., Tran,T.T.L., Tran,Q.H., Vo,Q.B., Tran Dac,N.A., Trinh,H.N., Nguyen,t.T.H., Le Binh,B.T., Le,K., Nguyen,M.T., Thai,Q.T., Vo,T.V., Ngo,N.Q.M., Dang,t.K.H., Cao,N.H., Tran,T.V., Ho,L.V., Farrar,J., de Jong,M.D., Chen,S., Nagarajan,N., Bryant,J.E. and Hibberd,M.L.
EPI_ISL_2543949	Medical Microbiology, University Medical Center Utrecht	Medical Microbiology, University Medical Center Utrecht	Tan,L., Lemey,P., Viveen,M. and Coenjaerts,F.E.J.
EPI_ISL_2543952, EPI_ISL_2543953, EPI_ISL_2543954	J. Craig Venter Institute	J. Craig Venter Institute	Lorenzi,H., Town,C., Halpin,R., Bera,J., Ransier,A., Fedorova,N., Stockwell,T., Amedeo,P., Appalla,L., Bishop,B., Edworthy,P., Gupta,N., Hoover,J., Katzel,D., Li,K., Schobel,S., Shrivastava,S., Thovarai,V., Wang,S., Rebuffo-Scheer,C., Fan,J., He,J., Kehl,S.C., Lederboer,N., Jurgens,L.A., Bose,M.E., Beck,E.T., Kumar,S., Gerna,G., Wentworth,D.E. and Henrickson,K.J.
EPI_ISL_2543955	Medical Microbiology, University Medical Center Utrecht	Medical Microbiology, University Medical Center Utrecht	Tan,L., Lemey,P., Viveen,M. and Coenjaerts,F.
EPI_ISL_2543956	Medical Microbiology, University Medical Center Utrecht	Medical Microbiology, University Medical Center Utrecht	Tan,L., Lemey,P., Viveen,M. and Coenjaerts,F.E.J.
EPI_ISL_2543957	Medical Microbiology, University Medical Center Utrecht	Medical Microbiology, University Medical Center Utrecht	Tan,L., Lemey,P., Viveen,M. and Coenjaerts,F.
EPI_ISL_2543958, EPI_ISL_2543959, EPI_ISL_2543960	Medical Microbiology, University Medical Center Utrecht	Medical Microbiology, University Medical Center Utrecht	Tan,L., Lemey,P., Viveen,M. and Coenjaerts,F.E.J.
EPI_ISL_2543967	J. Craig Venter Institute	J. Craig Venter Institute	Lorenzi,H., Town,C., Halpin,R., Bera,J., Ransier,A., Fedorova,N., Stockwell,T., Amedeo,P., Appalla,L., Bishop,B., Edworthy,P., Gupta,N., Hoover,J., Katzel,D., Li,K., Schobel,S., Shrivastava,S., Thovarai,V., Wang,S., Rebuffo-Scheer,C., Fan,J., He,J., Kehl,S.C., Lederboer,N., Jurgens,L.A., Bose,M.E., Beck,E.T., Kumar,S., Noyola,D.E., Wentworth,D.E. and Henrickson,K.J.
EPI_ISL_2543969	Mirus Bio Corporation	Mirus Bio Corporation	Brazas,R.M.
EPI_ISL_2543970, EPI_ISL_2543971, EPI_ISL_2543972, EPI_ISL_2543973, EPI_ISL_2543974, EPI_ISL_2543975, EPI_ISL_2543976, EPI_ISL_2543977, EPI_ISL_2543978, EPI_ISL_2543979, EPI_ISL_2543980, EPI_ISL_2543981, EPI_ISL_2543982	see above	see above	Das,S.R., Halpin,R.A., Shilts,M., Puri,V., Akopov,A., Fedorova,N., Stockwell,T., Amedeo,P., Bishop,B., Katzel,D., Schobel,S., Shrivastava,S. and Hartert,T.
EPI_ISL_2543983	J. Craig Venter Institute	J. Craig Venter Institute	Shabman,R., Das,S.R., Shilts,M., Fedorova,N., Puri,V., Shrivastava,S., Amedeo,P., Hu,L., Durbin,A., Rocchi,I., Williams,T. and Hartert,T.
EPI_ISL_2543984, EPI_ISL_2543985, EPI_ISL_2543986, EPI_ISL_2543987, EPI_ISL_2543988, EPI_ISL_2543989, EPI_ISL_2543990	Lab Medicine, UW	Lab Medicine, UW	Greninger,A.L., Makhous,N., Kuypers,J.M., Shean,R.C. and Jerome,K.R.
EPI_ISL_2543991, EPI_ISL_2543992, EPI_ISL_2543993, EPI_ISL_2543995	J. Craig Venter Institute	J. Craig Venter Institute	Das,S.R., Halpin,R.A., Puri,V., Akopov,A., Fedorova,N., Tsitirin,T., Stockwell,T., Amedeo,P., Bishop,B., Gupta,N., Hoover,J., Katzel,D., Schobel,S., Shrivastava,S., Wentworth,D.E. and Caserta,M.
EPI_ISL_2543996, EPI_ISL_2543997, EPI_ISL_2543998, EPI_ISL_2543999, EPI_ISL_2544000, EPI_ISL_2544001, EPI_ISL_2544002, EPI_ISL_2544003	J. Craig Venter Institute	J. Craig Venter Institute	Das,S.R., Halpin,R.A., Puri,V., Akopov,A., Fedorova,N., Stockwell,T., Amedeo,P., Bishop,B., Katzel,D., Schobel,S., Shrivastava,S., Wentworth,D.E. and Caserta,M.
EPI_ISL_2544004, EPI_ISL_2544005, EPI_ISL_2544006, EPI_ISL_2544007, EPI_ISL_2544008, EPI_ISL_2544009, EPI_ISL_2544010, EPI_ISL_2544011, EPI_ISL_2544012, EPI_ISL_2544013	J. Craig Venter Institute	J. Craig Venter Institute	Das,S.R., Halpin,R.A., Puri,V., Akopov,A., Fedorova,N., Stockwell,T., Amedeo,P., Bishop,B., Katzel,D., Schobel,S., Shrivastava,S., Hall,C.B., Tesini,B.L., Schnabel,K.C., Walsh,E.E. and Caserta,M.
EPI_ISL_2544014, EPI_ISL_2544015, EPI_ISL_2544016, EPI_ISL_2544017, EPI_ISL_2544018, EPI_ISL_2544019	J. Craig Venter Institute	J. Craig Venter Institute	Shabman,R., Fedorova,N., Puri,V., Shrivastava,S., Amedeo,P., Isom,R., Hu,L., Pickett,B., Novotny,M., Durbin,A., Rocchi,I., Williams,T., Hall,C.B., Tesini,B.L., Schnabel,K.C., Walsh,E.E. and Caserta,M.
EPI_ISL_2544020	Broad Institute of MIT & Harvard	Broad Institute of MIT & Harvard	Newman,R.M., Zody,M.C., DeVincenzo,J.P., Grad,Y., Lipsitch,M., Murphy,R., Fitzgerald,M., Young,S., Gargeya,S., Poon,T.W., Charlebois,P., Weiner,B., Yang,X., Piper,M.E., McCowan,C., Ireland,A., Levin,J., Malboeuf,C., Qu,J., Chapman,S.B., Murphy,C., Wortman,J., Nusbaum,C. and Birren,B.
EPI_ISL_2544021, EPI_ISL_2544022, EPI_ISL_2544023, EPI_ISL_2544024	J. Craig Venter Institute	J. Craig Venter Institute	Das,S., Halpin,R.A., Bera,J., Fedorova,N., Tsitirin,T., Stockwell,T., Amedeo,P., Bishop,B., Gupta,N., Hoover,J., Katzel,D., Schobel,S., Shrivastava,S., Hartert,T., Moore,M., Chappell,J., Larkin,E., Wentworth,D.E. and Anderson,L.J.
EPI_ISL_2544025	Infectious Diseases, St. Jude Children's Research Hospital	Infectious Diseases, St. Jude Children's Research Hospital	DeVincenzo,J., Jones,B.G., Kim,Y.-I. and Hurwitz,J.L.
EPI_ISL_2544026, EPI_ISL_2544027, EPI_ISL_2544028	J. Craig Venter Institute	J. Craig Venter Institute	Lorenzi,H., Halpin,R., Nguyen,A., Fedorova,N., Overton,L., Stockwell,T., Amedeo,P., Bishop,B., Chen,H., Edworthy,P., Gupta,N., Katzel,D., Li,K., Schobel,S., Shrivastava,S., Thovarai,V., Wang,S., Shapiro,C.A., Williams,J., Peebles,S., Chi,M., Wentworth,D.E. and Moore,M.L.
EPI_ISL_2544029	J. Craig Venter Institute	J. Craig Venter Institute	Lorenzi,H., Town,C., Halpin,R., Bera,J., Ransier,A., Fedorova,N., Stockwell,T., Amedeo,P., Appalla,L., Bishop,B., Edworthy,P., Gupta,N., Hoover,J., Katzel,D., Li,K., Schobel,S., Shrivastava,S., Thovarai,V., Wang,S., Rebuffo-Scheer,C., Fan,J., He,J., Kehl,S.C., Lederboer,N., Jurgens,L.A., Bose,M.E., Beck,E.T., Kumar,S., Wentworth,D.E. and Henrickson,K.J.
EPI_ISL_2544030, EPI_ISL_2544031	Pediatrics - Infectious Diseases, Medical College of Wisconsin	Pediatrics - Infectious Diseases, Medical College of Wisconsin	Rebuffo-Scheer,C., Bose,M.E., He,J., Khaja,S., Ulatowski,M., Beck,E.T., Fan,J., Kumar,S., Nelson,M.I. and Henrickson,K.J.
EPI_ISL_2544032	Molecular Virology and Microbiology, Baylor College of Medicine	Molecular Virology and Microbiology, Baylor College of Medicine	Tapia,L.I. and Piedra,P.A.
EPI_ISL_2544033	J. Craig Venter Institute	J. Craig Venter Institute	Lorenzi,H., Town,C., Halpin,R., Bera,J., Ransier,A., Fedorova,N., Stockwell,T., Amedeo,P., Appalla,L., Bishop,B., Edworthy,P., Gupta,N., Hoover,J., Katzel,D., Li,K., Schobel,S., Shrivastava,S., Thovarai,V., Wang,S., Rebuffo-Scheer,C., Fan,J., He,J., Kehl,S.C., Lederboer,N., Jurgens,L.A., Bose,M.E., Beck,E.T., Kumar,S., Kok,T., Wentworth,D.E. and Henrickson,K.J.

EPI_ISL_2544034, EPI_ISL_2544035, EPI_ISL_2544036, EPI_ISL_2544037, EPI_ISL_2544038, EPI_ISL_2544039, EPI_ISL_2544040, EPI_ISL_2544041	J. Craig Venter Institute	J. Craig Venter Institute	Shabman,R., Das,S.R., Shilts,M., Fedorova,N., Puri,V., Shrivastava,S., Amedeo,P., Williams,M., Barratt,K., Mitchell,J. and Jennings,L.
EPI_ISL_2544044	J. Craig Venter Institute	J. Craig Venter Institute	Lorenzi,H., Town,C., Halpin,R., Bera,J., Ransier,A., Fedorova,N., Stockwell,T., Amedeo,P., Appalla,L., Bishop,B., Edworthy,P., Gupta,N., Hoover,J., Katzel,D., Schobel,S., Shrivastava,S., Thovarai,V., Wang,S., Rebuffo-Scheer,C., Fan,J., He,J., Kehi,S.C., Lederboer,N., Jurgens,L.A., Bose,M.E., Beck,E.T., Kumar,S., Videla,C., Wentworth,D.E. and Henrickson,K.J.
EPI_ISL_2544045, EPI_ISL_2544046	J. Craig Venter Institute	J. Craig Venter Institute	Lorenzi,H., Town,C., Halpin,R., Bera,J., Ransier,A., Fedorova,N., Stockwell,T., Amedeo,P., Appalla,L., Bishop,B., Edworthy,P., Gupta,N., Hoover,J., Katzel,D., Li,K., Schobel,S., Shrivastava,S., Thovarai,V., Wang,S., Rebuffo-Scheer,C., Fan,J., He,J., Kehi,S.C., Lederboer,N., Jurgens,L.A., Bose,M.E., Beck,E.T., Kumar,S., Videla,C., Wentworth,D.E. and Henrickson,K.J.
EPI_ISL_2544051	Virology Laboratory, Dr. Ricardo Gutierrez Children Hospital	Virology Laboratory, Dr. Ricardo Gutierrez Children Hospital	Goya,S., Valinotto,L.E., Tittarelli,E., Rojo,G.L., Greninger,A., Luso,S., Natale,M., Mischchenko,A.S. and Viegas,M.
EPI_ISL_2544052	Virology Laboratory, Dr. Ricardo Gutierrez Children Hospital	Virology Laboratory, Dr. Ricardo Gutierrez Children Hospital	Goya,S., Valinotto,L.E., Tittarelli,E., Rojo,G.L., Greninger,A., Zaiat,J., Marti,M., Mischchenko,A.S. and Viegas,M.
EPI_ISL_2544056, EPI_ISL_2544057, EPI_ISL_2544058, EPI_ISL_2544059, EPI_ISL_2544060, EPI_ISL_2544061, EPI_ISL_2544062, EPI_ISL_2544063, EPI_ISL_2544064	J. Craig Venter Institute	J. Craig Venter Institute	Wentworth,D.E., Halpin,R.A., Bera,J., Lin,X., Fedorova,N., Tsitirin,T., McLellan,M., Stockwell,T., Amedeo,P., Bishop,B., Gupta,N., Hoover,J., Katzel,D., Schobel,S., Shrivastava,S., Garcia,J., Laguna-Torres,V.A., Leguia,M., Benavides,J.G. and Halsey,E.
EPI_ISL_2574728	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Otieno,J.R., Kamau,E.M., Oketch,J.W., Ngoi,J.M., Agoti,C.N., Gichuki,A.M., Otieno,G.P., Ngama,M., Cane,P.A., Kellam,P., Cotten,M., Lemey,P. and Nokes,D.J.
EPI_ISL_2578661	Pediatrics - Infectious Diseases, Medical College of Wisconsin	Pediatrics - Infectious Diseases, Medical College of Wisconsin	Rebuffo-Scheer,C., Bose,M.E., He,J., Khaja,S., Ulatowski,M., Beck,E.T., Fan,J., Kumar,S., Nelson,M.I. and Henrickson,K.J.
EPI_ISL_2578662	Beijing Key Laboratory of Etiology of Viral Diseases in Children; Laboratory of Virology, Capital Institute of Pediatrics	Beijing Key Laboratory of Etiology of Viral Diseases in Children; Laboratory of Virology, Capital Institute of Pediatrics	Cui,G., Zhu,R., Deng,J., Zhao,L., Sun,Y., Wang,F. and Qian,Y.
EPI_ISL_2578663, EPI_ISL_2578664, EPI_ISL_2578665, EPI_ISL_2578666, EPI_ISL_2578667, EPI_ISL_2578668, EPI_ISL_2578669, EPI_ISL_2578670, EPI_ISL_2578671, EPI_ISL_2578672, EPI_ISL_2578673, EPI_ISL_2578674, EPI_ISL_2578675, EPI_ISL_2578676	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Otieno,J.R., Kamau,E.M., Oketch,J.W., Ngoi,J.M., Agoti,C.N., Gichuki,A.M., Otieno,G.P., Ngama,M., Cane,P.A., Kellam,P., Cotten,M., Lemey,P. and Nokes,D.J.
see above	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	
EPI_ISL_2578677, EPI_ISL_2578678	Center for Infectious Diseases, School of Public Health, University of Texas Health Science Center	Center for Infectious Diseases, School of Public Health, University of Texas Health Science Center	Bahl,J., Hixson,J., Kim,D.-K., Qiu,X., Piedra,P.A., Piedra,F.-A., Avadhanula,V. and Machado,A.A.
EPI_ISL_2578679	Marie Bashir Institute for Infectious Diseases and Biosecurity & Sydney Medical School, The University of Sydney, Westmead Institute for Medical Research	Marie Bashir Institute for Infectious Diseases and Biosecurity & Sydney Medical School, The University of Sydney, Westmead Institute for Medical Research	Eden,J.-S., Kok,J., Dwyer,D.E., Fernandez,M., Carter,I. and Holmes,E.C.
EPI_ISL_2578680, EPI_ISL_2578681, EPI_ISL_2578682, EPI_ISL_2578684, EPI_ISL_2578685, EPI_ISL_2578686, EPI_ISL_2578687, EPI_ISL_2578688, EPI_ISL_2578689, EPI_ISL_2578690	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Otieno,J.R., Kamau,E.M., Oketch,J.W., Ngoi,J.M., Agoti,C.N., Gichuki,A.M., Otieno,G.P., Ngama,M., Cane,P.A., Kellam,P., Cotten,M., Lemey,P. and Nokes,D.J.
see above	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	
EPI_ISL_2578691	Department of Pediatrics, Center of Excellence in Clinical Virology, Chulalongkorn	Department of Pediatrics, Center of Excellence in Clinical Virology, Chulalongkorn	Thongpan,I.
EPI_ISL_2578692	Center for Infectious Diseases, School of Public Health, University of Texas Health Science Center	Center for Infectious Diseases, School of Public Health, University of Texas Health Science Center	Bahl,J., Hixson,J., Kim,D.-K., Qiu,X., Piedra,P.A., Piedra,F.-A., Avadhanula,V. and Machado,A.A.
EPI_ISL_2578693, EPI_ISL_2578694, EPI_ISL_2578695, EPI_ISL_2578696, EPI_ISL_2578697, EPI_ISL_2578698, EPI_ISL_2578699, EPI_ISL_2578700, EPI_ISL_2578701, EPI_ISL_2578702, EPI_ISL_2578703, EPI_ISL_2578704, EPI_ISL_2578705, EPI_ISL_2578706, EPI_ISL_2578707, EPI_ISL_2578708, EPI_ISL_2578709, EPI_ISL_2578710, EPI_ISL_2578711	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Otieno,J.R., Kamau,E.M., Oketch,J.W., Ngoi,J.M., Agoti,C.N., Gichuki,A.M., Otieno,G.P., Ngama,M., Cane,P.A., Kellam,P., Cotten,M., Lemey,P. and Nokes,D.J.
see above	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	
EPI_ISL_2578712	Pediatrics, University of New Mexico	Pediatrics, University of New Mexico	Kothari,A., Kennedy,J.L., Schwalm,K.C., Putt,C., Denson,J.L. and Dinwiddie,D.L.
EPI_ISL_2578713, EPI_ISL_2578714	Center for Infectious Diseases, School of Public Health, University of Texas Health Science Center	Center for Infectious Diseases, School of Public Health, University of Texas Health Science Center	Bahl,J., Hixson,J., Kim,D.-K., Qiu,X., Piedra,P.A., Piedra,F.-A., Avadhanula,V. and Machado,A.A.
EPI_ISL_2578715, EPI_ISL_2578716, EPI_ISL_2578717	Marie Bashir Institute for Infectious Diseases and Biosecurity & Sydney Medical School, The University of Sydney, Westmead Institute for Medical Research	Marie Bashir Institute for Infectious Diseases and Biosecurity & Sydney Medical School, The University of Sydney, Westmead Institute for Medical Research	Eden,J.-S., Kok,J., Dwyer,D.E., Fernandez,M., Carter,I. and Holmes,E.C.
EPI_ISL_2578718, EPI_ISL_2578719, EPI_ISL_2578720, EPI_ISL_2578721, EPI_ISL_2578722, EPI_ISL_2578723, EPI_ISL_2578724, EPI_ISL_2578725, EPI_ISL_2578726, EPI_ISL_2578727, EPI_ISL_2578728, EPI_ISL_2578729, EPI_ISL_2578730, EPI_ISL_2578731, EPI_ISL_2578732, EPI_ISL_2578733, EPI_ISL_2578734	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Otieno,J.R., Kamau,E.M., Oketch,J.W., Ngoi,J.M., Agoti,C.N., Gichuki,A.M., Otieno,G.P., Ngama,M., Cane,P.A., Kellam,P., Cotten,M., Lemey,P. and Nokes,D.J.
see above	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	
EPI_ISL_2578767, EPI_ISL_2578768	Marie Bashir Institute for Infectious Diseases and Biosecurity & Sydney Medical School, The University of Sydney, Westmead Institute for Medical Research	Marie Bashir Institute for Infectious Diseases and Biosecurity & Sydney Medical School, The University of Sydney, Westmead Institute for Medical Research	Eden,J.-S., Kok,J., Dwyer,D.E., Fernandez,M., Carter,I. and Holmes,E.C.
EPI_ISL_2578769, EPI_ISL_2578770, EPI_ISL_2578771, EPI_ISL_2578772, EPI_ISL_2578773, EPI_ISL_2578774, EPI_ISL_2578775, EPI_ISL_2578776	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Otieno,J.R., Kamau,E.M., Oketch,J.W., Ngoi,J.M., Agoti,C.N., Gichuki,A.M., Otieno,G.P., Ngama,M., Cane,P.A., Kellam,P., Cotten,M., Lemey,P. and Nokes,D.J.
EPI_ISL_2578777, EPI_ISL_2578778	J. Craig Venter Institute	J. Craig Venter Institute	Tan,G., Pickett,B., Fedorova,N., Amedeo,P., Hu,L., Christensen,J., Miller,J., Durbin,A., Williams,T., Arumemi,F., Cadiz,C., Alanis,R., Balmseda,A., Wiliams,T., Schiller,A., Patel,M., Kubale,J. and Gordon,A.
EPI_ISL_2578779, EPI_ISL_2578780	Virology, Graduate School of Medicine, Tohoku University	Virology, Graduate School of Medicine, Tohoku University	Malasao,R., Furuse,Y., Okamoto,M., Dapat,C., Saito,M., Saito-Obata,M., Tamaki,R., Segubre-Mercado,E., Lupisan,S. and Oshitani,H.
EPI_ISL_2578787	Department of Pediatrics, Center of Excellence in Clinical Virology, Chulalongkorn	Department of Pediatrics, Center of Excellence in Clinical Virology, Chulalongkorn	Thongpan,I.
EPI_ISL_2578788, EPI_ISL_2578789	Marie Bashir Institute for Infectious Diseases and Biosecurity & Sydney Medical School, The University of Sydney, Westmead Institute for Medical Research	Marie Bashir Institute for Infectious Diseases and Biosecurity & Sydney Medical School, The University of Sydney, Westmead Institute for Medical Research	Eden,J.-S., Kok,J., Dwyer,D.E., Fernandez,M., Carter,I. and Holmes,E.C.
EPI_ISL_2578799, EPI_ISL_2578800, EPI_ISL_2578801	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Otieno,J.R., Kamau,E.M., Oketch,J.W., Ngoi,J.M., Agoti,C.N., Gichuki,A.M., Otieno,G.P., Ngama,M., Cane,P.A., Kellam,P., Cotten,M., Lemey,P. and Nokes,D.J.
EPI_ISL_2578802	Virology, Graduate School of Medicine, Tohoku University	Virology, Graduate School of Medicine, Tohoku University	Malasao,R., Furuse,Y., Okamoto,M., Dapat,C., Saito,M., Saito-Obata,M., Tamaki,R., Segubre-Mercado,E., Lupisan,S. and Oshitani,H.
EPI_ISL_2578803	Department of Pediatrics, Center of Excellence in Clinical Virology, Chulalongkorn	Department of Pediatrics, Center of Excellence in Clinical Virology, Chulalongkorn	Thongpan,I.
EPI_ISL_2578804, EPI_ISL_2578805,	Epidemiology and Demography Department,	Epidemiology and Demography Department,	Otieno,J.R., Kamau,E.M., Oketch,J.W., Ngoi,J.M., Agoti,C.N., Gichuki,A.M., Otieno,G.P., Ngama,M., Cane,P.A., Kellam,P., Cotten,M., Lemey,P. and

EPI_ISL_2578806, EPI_ISL_2578807, EPI_ISL_2578808	KEMRI-Wellcome Trust Research Programme	KEMRI-Wellcome Trust Research Programme	Nokes,D.J.
EPI_ISL_2578809, EPI_ISL_2578810	Virology, Graduate School of Medicine, Tohoku University	Virology, Graduate School of Medicine, Tohoku University	Malasao,R., Furuse,Y., Okamoto,M., Dapat,C., Saito,M., Saito-Obata,M., Tamaki,R., Segubre-Mercado,E., Lupisan,S. and Oshitani,H.
EPI_ISL_2578811, EPI_ISL_2578812, EPI_ISL_2578813	Marie Bashir Institute for Infectious Diseases and Biosecurity & Sydney Medical School, The University of Sydney, Westmead Institute for Medical Research	Marie Bashir Institute for Infectious Diseases and Biosecurity & Sydney Medical School, The University of Sydney, Westmead Institute for Medical Research	Eden,J.-S., Kok,J., Dwyer,D.E., Fernandez,M., Carter,I. and Holmes,E.C.
EPI_ISL_2578814, EPI_ISL_2578815	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Otieno,J.R., Kamau,E.M., Oketch,J.W., Ngoi,J.M., Agoti,C.N., Gichuki,A.M., Otieno,G.P., Ngama,M., Cane,P.A., Kellam,P., Cotten,M., Lemey,P. and Nokes,D.J.
EPI_ISL_2578816	J. Craig Venter Institute	J. Craig Venter Institute	Tan,G., Pickett,B., Fedorova,N., Amedeo,P., Hu,L., Christensen,J., Miller,J., Durbin,A., Williams,T., Arumemi,F., Cadiz,C., Alanis,R., Balmseda,A., Williams,T., Schiller,A., Patel,M., Kubale,J. and Gordon,A.
EPI_ISL_2578817	Department of Pediatrics, Center of Excellence in Clinical Virology, Chulalongkorn	Department of Pediatrics, Center of Excellence in Clinical Virology, Chulalongkorn	Thongpan,I.
EPI_ISL_2578818, EPI_ISL_2578819, EPI_ISL_2578820, EPI_ISL_2578821	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Otieno,J.R., Kamau,E.M., Oketch,J.W., Ngoi,J.M., Agoti,C.N., Gichuki,A.M., Otieno,G.P., Ngama,M., Cane,P.A., Kellam,P., Cotten,M., Lemey,P. and Nokes,D.J.
EPI_ISL_2578825, EPI_ISL_2578826	Marie Bashir Institute for Infectious Diseases and Biosecurity & Sydney Medical School, The University of Sydney, Westmead Institute for Medical Research	Marie Bashir Institute for Infectious Diseases and Biosecurity & Sydney Medical School, The University of Sydney, Westmead Institute for Medical Research	Eden,J.-S., Kok,J., Dwyer,D.E., Fernandez,M., Carter,I. and Holmes,E.C.
EPI_ISL_2579776	Center for Infectious Diseases, School of Public Health, University of Texas Health Science Center	Center for Infectious Diseases, School of Public Health, University of Texas Health Science Center	Bahl,J., Hixson,J., Kim,D.-K., Qiu,X., Piedra,P.A., Piedra,F.-A., Avadhanula,V. and Machado,A.A.
EPI_ISL_2579857	Influenza Group, National Institute of Virology	Influenza Group, National Institute of Virology	Choudhary,M.L., Wadhwa,B., Jadhav,S.M., Chadha,M.S. and Mourya,D.T.
EPI_ISL_2579858, EPI_ISL_2579859, EPI_ISL_2579860	Center for Infectious Diseases, School of Public Health, University of Texas Health Science Center	Center for Infectious Diseases, School of Public Health, University of Texas Health Science Center	Bahl,J., Hixson,J., Kim,D.-K., Qiu,X., Piedra,P.A., Piedra,F.-A., Avadhanula,V. and Machado,A.A.
EPI_ISL_2579886, EPI_ISL_2579887, EPI_ISL_2579888, EPI_ISL_2579889, EPI_ISL_2579890, EPI_ISL_2579891, EPI_ISL_2579892, EPI_ISL_2579894, EPI_ISL_2579895, EPI_ISL_2579896, EPI_ISL_2579897	Broad Institute of MIT & Harvard	Broad Institute of MIT & Harvard	Newman,R.M., Zody,M.C., DeVincenzo,J.P., Grad,Y., Lipsitch,M., Murphy,R., Fitzgerald,M., Young,S., Gargeya,S., Poon,T.W., Charlebois,P., Weiner,B., Yang,X., Piper,M.E., McCowan,C., Ireland,A., Levin,J., Malboeuf,C., Qu,J., Chapman,S.B., Murphy,C., Wortman,J., Nusbaum,C. and Birren,B.
EPI_ISL_2579900	J. Craig Venter Institute	J. Craig Venter Institute	Shrivastava,S., Halpin,R.A., Puri,V., Fedorova,N.B., Stockwell,T., Amedeo,P., Katzel,D., Schobel,S., Pickett,B.E., Moore,M., Chappell,J., Larkin,E., Wentworth,D.E., Anderson,L.J. and Hartert,T.
EPI_ISL_2582147	Experimental Pathology, Immunology, and Microbiology, American University of Beirut	Experimental Pathology, Immunology, and Microbiology, American University of Beirut	Hamdan,F., Ezzeddine,A., Elbahesh,H. and Zaraket,H.
EPI_ISL_2582157, EPI_ISL_2582160, EPI_ISL_2582161	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Otieno,J.R., Kamau,E.M., Oketch,J.W., Ngoi,J.M., Agoti,C.N., Gichuki,A.M., Otieno,G.P., Ngama,M., Cane,P.A., Kellam,P., Cotten,M., Lemey,P. and Nokes,D.J.
EPI_ISL_2582166	Virology, Graduate School of Medicine, Tohoku University	Virology, Graduate School of Medicine, Tohoku University	Malasao,R., Furuse,Y., Okamoto,M., Dapat,C., Saito,M., Saito-Obata,M., Tamaki,R., Segubre-Mercado,E., Lupisan,S. and Oshitani,H.
EPI_ISL_2582167	Lab Medicine, UW	Lab Medicine, UW	Greninger,A.L., Makhssous,N., Kuypers,J.M., Shean,R.C. and Jerome,K.R.
EPI_ISL_2582169	Pediatrics - Infectious Diseases, Medical College of Wisconsin	Pediatrics - Infectious Diseases, Medical College of Wisconsin	Rebuffo-Scheer,C., Bose,M.E., He,J., Khajia,S., Ulatowski,M., Beck,E.T., Fan,J., Kumar,S., Nelson,M.I. and Henrickson,K.J.
EPI_ISL_2582173	Virology, Graduate School of Medicine, Tohoku University	Virology, Graduate School of Medicine, Tohoku University	Malasao,R., Furuse,Y., Okamoto,M., Dapat,C., Saito,M., Saito-Obata,M., Tamaki,R., Segubre-Mercado,E., Lupisan,S. and Oshitani,H.
EPI_ISL_2582176	Laboratory Medicine, UW Virology	Laboratory Medicine, UW Virology	Lin,M.J., Tait,A. and Greninger,A.L.
EPI_ISL_2582177	Pediatrics, University of New Mexico	Pediatrics, University of New Mexico	Kothari,A., Kennedy,J.L., Schwalm,K.C., Putt,C., Denson,J.L. and Dinwiddie,D.L.
EPI_ISL_2582180	Broad Institute of MIT & Harvard	Broad Institute of MIT & Harvard	Newman,R.M., Zody,M.C., DeVincenzo,J.P., Grad,Y., Lipsitch,M., Murphy,R., Fitzgerald,M., Young,S., Gargeya,S., Poon,T.W., Charlebois,P., Weiner,B., Yang,X., Piper,M.E., McCowan,C., Ireland,A., Levin,J., Malboeuf,C., Qu,J., Chapman,S.B., Murphy,C., Wortman,J., Nusbaum,C. and Birren,B.
EPI_ISL_2582181, EPI_ISL_2582183	Virology, Graduate School of Medicine, Tohoku University	Virology, Graduate School of Medicine, Tohoku University	Malasao,R., Furuse,Y., Okamoto,M., Dapat,C., Saito,M., Saito-Obata,M., Tamaki,R., Segubre-Mercado,E., Lupisan,S. and Oshitani,H.
EPI_ISL_2582187, EPI_ISL_2582196	J. Craig Venter Institute	J. Craig Venter Institute	Tan,G., Pickett,B., Fedorova,N., Amedeo,P., Isom,R., Hu,L., Christensen,J., Miller,J., Novotny,M., Durbin,A., Rocchi,I., Williams,T., Arumemi,F. and Das,S.
EPI_ISL_2582197	Lab Medicine, UW	Lab Medicine, UW	Greninger,A.L., Makhssous,N., Kuypers,J.M., Shean,R.C. and Jerome,K.R.
EPI_ISL_2582201	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Otieno,J.R., Kamau,E.M., Oketch,J.W., Ngoi,J.M., Agoti,C.N., Gichuki,A.M., Otieno,G.P., Ngama,M., Cane,P.A., Kellam,P., Cotten,M., Lemey,P. and Nokes,D.J.
EPI_ISL_2582221	J. Craig Venter Institute	J. Craig Venter Institute	Tan,G., Pickett,B., Fedorova,N., Amedeo,P., Hu,L., Christensen,J., Miller,J., Durbin,A., Williams,T., Arumemi,F., Cadiz,C., Alanis,R., Balmseda,A., Williams,T., Schiller,A., Patel,M., Kubale,J. and Gordon,A.
EPI_ISL_2582223, EPI_ISL_2582226, EPI_ISL_2582227	Marie Bashir Institute for Infectious Diseases and Biosecurity & Sydney Medical School, The University of Sydney, Westmead Institute for Medical Research	Marie Bashir Institute for Infectious Diseases and Biosecurity & Sydney Medical School, The University of Sydney, Westmead Institute for Medical Research	Eden,J.-S., Kok,J., Dwyer,D.E., Fernandez,M., Carter,I. and Holmes,E.C.
EPI_ISL_2582230, EPI_ISL_2582231	J. Craig Venter Institute	J. Craig Venter Institute	Tan,G., Pickett,B., Fedorova,N., Amedeo,P., Hu,L., Christensen,J., Miller,J., Durbin,A., Williams,T., Arumemi,F., Cadiz,C., Alanis,R., Balmseda,A., Williams,T., Schiller,A., Patel,M., Kubale,J. and Gordon,A.
EPI_ISL_2582233	Laboratory Medicine, UW Virology	Laboratory Medicine, UW Virology	Lin,M.J., Tait,A. and Greninger,A.L.
EPI_ISL_2582235, EPI_ISL_2582238	J. Craig Venter Institute	J. Craig Venter Institute	Tan,G., Pickett,B., Fedorova,N., Amedeo,P., Hu,L., Christensen,J., Miller,J., Durbin,A., Williams,T., Arumemi,F., Cadiz,C., Alanis,R., Balmseda,A., Williams,T., Schiller,A., Patel,M., Kubale,J. and Gordon,A.
EPI_ISL_2582239, EPI_ISL_2582241, EPI_ISL_2582244	Marie Bashir Institute for Infectious Diseases and Biosecurity & Sydney Medical School, The University of Sydney, Westmead Institute for Medical Research	Marie Bashir Institute for Infectious Diseases and Biosecurity & Sydney Medical School, The University of Sydney, Westmead Institute for Medical Research	Eden,J.-S., Kok,J., Dwyer,D.E., Fernandez,M., Carter,I. and Holmes,E.C.
EPI_ISL_2582246	Pediatrics, University of New Mexico	Pediatrics, University of New Mexico	Kothari,A., Kennedy,J.L., Schwalm,K.C., Putt,C., Denson,J.L. and Dinwiddie,D.L.
EPI_ISL_2582247	Laboratory Medicine, UW Virology	Laboratory Medicine, UW Virology	Lin,M.J., Tait,A. and Greninger,A.L.
EPI_ISL_2582250, EPI_ISL_2582251, EPI_ISL_2582253	Marie Bashir Institute for Infectious Diseases and Biosecurity & Sydney Medical School, The University of Sydney, Westmead Institute for Medical Research	Marie Bashir Institute for Infectious Diseases and Biosecurity & Sydney Medical School, The University of Sydney, Westmead Institute for Medical Research	Eden,J.-S., Kok,J., Dwyer,D.E., Fernandez,M., Carter,I. and Holmes,E.C.
EPI_ISL_2582256, EPI_ISL_2582257, EPI_ISL_2582260	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Otieno,J.R., Kamau,E.M., Oketch,J.W., Ngoi,J.M., Agoti,C.N., Gichuki,A.M., Otieno,G.P., Ngama,M., Cane,P.A., Kellam,P., Cotten,M., Lemey,P. and Nokes,D.J.
EPI_ISL_2582261	Pediatrics, University of New Mexico	Pediatrics, University of New Mexico	Kothari,A., Kennedy,J.L., Schwalm,K.C., Putt,C., Denson,J.L. and Dinwiddie,D.L.
EPI_ISL_2582264, EPI_ISL_2582265	Marie Bashir Institute for Infectious Diseases and Biosecurity & Sydney Medical School, The University of Sydney, Westmead Institute for Medical Research	Marie Bashir Institute for Infectious Diseases and Biosecurity & Sydney Medical School, The University of Sydney, Westmead Institute for Medical Research	Eden,J.-S., Kok,J., Dwyer,D.E., Fernandez,M., Carter,I. and Holmes,E.C.

EPI_ISL_2582267	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Otieno,J.R., Kamau,E.M., Oketch,J.W., Ngoi,J.M., Agoti,C.N., Gichuki,A.M., Otieno,G.P., Ngama,M., Cane,P.A., Kellam,P., Cotten,M., Lemey,P. and Nokes,D.J.
EPI_ISL_2582271	J. Craig Venter Institute	J. Craig Venter Institute	Tan,G., Pickett,B., Fedorova,N., Amedeo,P., Hu,L., Christensen,J., Miller,J., Durbin,A., Williams,T., Arumemi,F., Cadiz,C., Alanis,R., Balmseda,A., Williams,T., Schiller,A., Patel,M., Kubale,J. and Gordon,A.
EPI_ISL_2582274, EPI_ISL_2582275, EPI_ISL_2582278	Department of Experimental Modeling and Pathogenesis of Infectious Diseases, Federal Research Center of Fundamental and Translational Medicine	Department of Experimental Modeling and Pathogenesis of Infectious Diseases, Federal Research Center of Fundamental and Translational Medicine	Dubovitskiy,N.A., Sobolev,I.A., Kurskaya,O.G., Sharshov,K.A., Anoshina,A.V., Leonova,N.V., Murashkina,T.A., Solomatina,M.V., Derko,A.A., Saroyan,T.A., Kabilov,M.R., Alkina,T.Y. and Shestopalov,A.M.
EPI_ISL_2582279, EPI_ISL_2582281, EPI_ISL_2582284	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Otieno,J.R., Kamau,E.M., Oketch,J.W., Ngoi,J.M., Agoti,C.N., Gichuki,A.M., Otieno,G.P., Ngama,M., Cane,P.A., Kellam,P., Cotten,M., Lemey,P. and Nokes,D.J.
EPI_ISL_2582285	Department of Pediatrics, Center of Excellence in Clinical Virology, Chulalongkorn	Department of Pediatrics, Center of Excellence in Clinical Virology, Chulalongkorn	Thongpan,I.
EPI_ISL_2582292	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Otieno,J.R., Kamau,E.M., Oketch,J.W., Ngoi,J.M., Agoti,C.N., Gichuki,A.M., Otieno,G.P., Ngama,M., Cane,P.A., Kellam,P., Cotten,M., Lemey,P. and Nokes,D.J.
EPI_ISL_2582296	Department of Pediatrics, Center of Excellence in Clinical Virology, Chulalongkorn	Department of Pediatrics, Center of Excellence in Clinical Virology, Chulalongkorn	Thongpan,I.
EPI_ISL_2582298, EPI_ISL_2582299, EPI_ISL_2582302, EPI_ISL_2582303	J. Craig Venter Institute	J. Craig Venter Institute	Shabman,R., Fedorova,N., Puri,V., Shrivastava,S., Amedeo,P., Isom,R., Hu,L., Pickett,B., Novotny,M., Durbin,A., Rocchi,I., Williams,T., Hall,C.B., Tesini,B.L., Schnabel,K.C., Walsh,E.E. and Caserta,M.
EPI_ISL_2582306, EPI_ISL_2582307, EPI_ISL_2582309, EPI_ISL_2582312, EPI_ISL_2582313, EPI_ISL_2582316, EPI_ISL_2582318, EPI_ISL_2582319, EPI_ISL_2582321, EPI_ISL_2582324, EPI_ISL_2582325, EPI_ISL_2582327, EPI_ISL_2582330, EPI_ISL_2582332, EPI_ISL_2582333, EPI_ISL_2582335, EPI_ISL_2582337, EPI_ISL_2582340, EPI_ISL_2582341, EPI_ISL_2582342, EPI_ISL_2582344, EPI_ISL_2582345, EPI_ISL_2582348, EPI_ISL_2582351, EPI_ISL_2582354, EPI_ISL_2582355, EPI_ISL_2582357, EPI_ISL_2582360, EPI_ISL_2582361, EPI_ISL_2582363, EPI_ISL_2582366, EPI_ISL_2582367, EPI_ISL_2582370, EPI_ISL_2582371, EPI_ISL_2582373, EPI_ISL_2582375, EPI_ISL_2582378, EPI_ISL_2582379, EPI_ISL_2582381, EPI_ISL_2582383, EPI_ISL_2582386, EPI_ISL_2582387, EPI_ISL_2582389, EPI_ISL_2582391, EPI_ISL_2582393, EPI_ISL_2582395, EPI_ISL_2582397, EPI_ISL_2582399, EPI_ISL_2582402, EPI_ISL_2582403, EPI_ISL_2582405, EPI_ISL_2582407, EPI_ISL_2582410, EPI_ISL_2582411, EPI_ISL_2582413, EPI_ISL_2582416, EPI_ISL_2582417, EPI_ISL_2582419, EPI_ISL_2582422, EPI_ISL_2582423, EPI_ISL_2582430, EPI_ISL_2582434, EPI_ISL_2582435, EPI_ISL_2582438, EPI_ISL_2582439, EPI_ISL_2582442, EPI_ISL_2582443, EPI_ISL_2582445, EPI_ISL_2582448, EPI_ISL_2582449, EPI_ISL_2582451, EPI_ISL_2582456, EPI_ISL_2582457, EPI_ISL_2582460, EPI_ISL_2582461, EPI_ISL_2582463, EPI_ISL_2582465, EPI_ISL_2582468, EPI_ISL_2582469, EPI_ISL_2582471, EPI_ISL_2582476, EPI_ISL_2582477, EPI_ISL_2582479, EPI_ISL_2582481, EPI_ISL_2582484, EPI_ISL_2582485, EPI_ISL_2582487, EPI_ISL_2582490, EPI_ISL_2582491, EPI_ISL_2582495, EPI_ISL_2582497, EPI_ISL_2582500, EPI_ISL_2582502, EPI_ISL_2582503, EPI_ISL_2582505, EPI_ISL_2582508, EPI_ISL_2582509	Broad Institute of MIT & Harvard	Broad Institute of MIT & Harvard	Newman,R.M., Zody,M.C., DeVincenzo,J.P., Grad,Y., Lipsitch,M., Murphy,R., Fitzgerald,M., Young,S., Gargeya,S., Poon,T.W., Charlebois,P., Weiner,B., Yang,X., Piper,M.E., McCowan,C., Ireland,A., Levin,J., Malboeuf,C., Qu,J., Chapman,S.B., Murphy,C., Wortman,J., Nusbaum,C. and Birren,B.
EPI_ISL_2582510, EPI_ISL_2582512	Marie Bashir Institute for Infectious Diseases and Biosecurity & Sydney Medical School, The University of Sydney, Westmead Institute for Medical Research	Marie Bashir Institute for Infectious Diseases and Biosecurity & Sydney Medical School, The University of Sydney, Westmead Institute for Medical Research	Eden,J.-S., Kok,J., Dwyer,D.E., Fernandez,M., Carter,I. and Holmes,E.C.
EPI_ISL_2582513, EPI_ISL_2582515, EPI_ISL_2582517, EPI_ISL_2582519	Broad Institute of MIT & Harvard	Broad Institute of MIT & Harvard	Newman,R.M., Zody,M.C., DeVincenzo,J.P., Grad,Y., Lipsitch,M., Murphy,R., Fitzgerald,M., Young,S., Gargeya,S., Poon,T.W., Charlebois,P., Weiner,B., Yang,X., Piper,M.E., McCowan,C., Ireland,A., Levin,J., Malboeuf,C., Qu,J., Chapman,S.B., Murphy,C., Wortman,J., Nusbaum,C. and Birren,B.
EPI_ISL_2582521	J. Craig Venter Institute	J. Craig Venter Institute	Shabman,R., Fedorova,N., Puri,V., Shrivastava,S., Amedeo,P., Isom,R., Hu,L., Pickett,B., Novotny,M., Durbin,A., Rocchi,I., Williams,T., Hall,C.B., Tesini,B.L., Schnabel,K.C., Walsh,E.E. and Caserta,M.
EPI_ISL_2582536	Laboratory Medicine, UW Virology	Laboratory Medicine, UW Virology	Lin,M.J., Tait,A. and Greninger,A.L.
EPI_ISL_2582538, EPI_ISL_2582540, EPI_ISL_2582541	Lab Medicine, UW	Lab Medicine, UW	Greninger,A.L., Makhous,N., Kuypers,J.M., Shean,R.C. and Jerome,K.R.
EPI_ISL_2582543, EPI_ISL_2582545, EPI_ISL_2582547	J. Craig Venter Institute	J. Craig Venter Institute	Tan,G., Pickett,B., Fedorova,N., Amedeo,P., Isom,R., Hu,L., Christensen,J., Miller,J., Novotny,M., Durbin,A., Rocchi,I., Williams,T., Arumemi,F. and Das,S.
EPI_ISL_2582551	Lab Medicine, UW	Lab Medicine, UW	Greninger,A.L., Makhous,N., Kuypers,J.M., Shean,R.C. and Jerome,K.R.
EPI_ISL_2582553	J. Craig Venter Institute	J. Craig Venter Institute	Tan,G., Pickett,B., Fedorova,N., Amedeo,P., Isom,R., Hu,L., Christensen,J., Miller,J., Novotny,M., Durbin,A., Rocchi,I., Williams,T., Arumemi,F. and Das,S.
EPI_ISL_2582561	Central Laboratory, Guangzhou Women and Children's Medical Center	Central Laboratory, Guangzhou Women and Children's Medical Center	Xie,J.H., Zhu,B., Zhong,J.Y., Chen,Y. and Zhang,Y.Y.
EPI_ISL_2582563	The Second Department, Lanzhou Institute of Biological Products Co	The Second Department, Lanzhou Institute of Biological Products Co	Zhu,C., Fu,S., Yu,L. and Zhou,X.
EPI_ISL_2582565, EPI_ISL_2582567	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Otieno,J.R., Kamau,E.M., Oketch,J.W., Ngoi,J.M., Agoti,C.N., Gichuki,A.M., Otieno,G.P., Ngama,M., Cane,P.A., Kellam,P., Cotten,M., Lemey,P. and Nokes,D.J.
EPI_ISL_2582569, EPI_ISL_2582571	J. Craig Venter Institute	J. Craig Venter Institute	Tan,G., Pickett,B., Fedorova,N., Amedeo,P., Isom,R., Hu,L., Christensen,J., Miller,J., Novotny,M., Durbin,A., Rocchi,I., Williams,T., Arumemi,F. and Das,S.
EPI_ISL_2582573	Pediatrics - Infectious Diseases, Medical College of Wisconsin	Pediatrics - Infectious Diseases, Medical College of Wisconsin	Rebuffo-Scheer,C., Bose,M.E., He,J., Khajia,S., Ulatowski,M., Beck,E.T., Fan,J., Kumar,S., Nelson,M.I. and Henrickson,K.J.
EPI_ISL_2582577, EPI_ISL_2582579, EPI_ISL_2582581, EPI_ISL_2582583, EPI_ISL_2582585, EPI_ISL_2582587, EPI_ISL_2582609, EPI_ISL_2582610, EPI_ISL_2582612, EPI_ISL_2582614, EPI_ISL_2582616, EPI_ISL_2582618	Broad Institute of MIT & Harvard	Broad Institute of MIT & Harvard	Newman,R.M., Zody,M.C., DeVincenzo,J.P., Grad,Y., Lipsitch,M., Murphy,R., Fitzgerald,M., Young,S., Gargeya,S., Poon,T.W., Charlebois,P., Weiner,B., Yang,X., Piper,M.E., McCowan,C., Ireland,A., Levin,J., Malboeuf,C., Qu,J., Chapman,S.B., Murphy,C., Wortman,J., Nusbaum,C. and Birren,B.
EPI_ISL_2582621	Academy of Military Medical Sciences, Institute of Microbiology and Epidemiology	Academy of Military Medical Sciences, Institute of Microbiology and Epidemiology	Gu,H.J., Sun,S.J., Chen,R. and Yang,P.H.
EPI_ISL_2582623, EPI_ISL_2582625	Broad Institute of MIT & Harvard	Broad Institute of MIT & Harvard	Newman,R.M., Zody,M.C., DeVincenzo,J.P., Grad,Y., Lipsitch,M., Murphy,R., Fitzgerald,M., Young,S., Gargeya,S., Poon,T.W., Charlebois,P., Weiner,B., Yang,X., Piper,M.E., McCowan,C., Ireland,A., Levin,J., Malboeuf,C., Qu,J., Chapman,S.B., Murphy,C., Wortman,J., Nusbaum,C. and Birren,B.
EPI_ISL_2582630	Pediatrics - Infectious Diseases, Medical College of Wisconsin	Pediatrics - Infectious Diseases, Medical College of Wisconsin	Rebuffo-Scheer,C., Bose,M.E., He,J., Khajia,S., Ulatowski,M., Beck,E.T., Fan,J., Kumar,S., Nelson,M.I. and Henrickson,K.J.
EPI_ISL_2582631, EPI_ISL_2582633	J. Craig Venter Institute	J. Craig Venter Institute	Shabman,R., Fedorova,N., Puri,V., Shrivastava,S., Amedeo,P., Isom,R., Hu,L., Pickett,B., Novotny,M., Durbin,A., Rocchi,I., Williams,T., Hall,C.B., Tesini,B.L., Schnabel,K.C., Walsh,E.E. and Caserta,M.
EPI_ISL_2582635	Broad Institute of MIT & Harvard	Broad Institute of MIT & Harvard	Newman,R.M., Zody,M.C., DeVincenzo,J.P., Grad,Y., Lipsitch,M., Murphy,R., Fitzgerald,M., Young,S., Gargeya,S., Poon,T.W., Charlebois,P., Weiner,B., Yang,X., Piper,M.E., McCowan,C., Ireland,A., Levin,J., Malboeuf,C., Qu,J., Chapman,S.B., Murphy,C., Wortman,J., Nusbaum,C. and Birren,B.
EPI_ISL_2582641, EPI_ISL_2582644, EPI_ISL_2582646	Marie Bashir Institute for Infectious Diseases and Biosecurity & Sydney Medical School, The University of Sydney, Westmead Institute for Medical Research	Marie Bashir Institute for Infectious Diseases and Biosecurity & Sydney Medical School, The University of Sydney, Westmead Institute for Medical Research	Eden,J.-S., Kok,J., Dwyer,D.E., Fernandez,M., Carter,I. and Holmes,E.C.
EPI_ISL_2582648, EPI_ISL_2582650, EPI_ISL_2582653	Pediatrics, University of New Mexico	Pediatrics, University of New Mexico	Kothari,A., Kennedy,J.L., Schwalm,K.C., Putt,C., Denson,J.L. and Dinwiddie,D.L.
EPI_ISL_2582669, EPI_ISL_2582670, EPI_ISL_2582673	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Otieno,J.R., Kamau,E.M., Oketch,J.W., Ngoi,J.M., Agoti,C.N., Gichuki,A.M., Otieno,G.P., Ngama,M., Cane,P.A., Kellam,P., Cotten,M., Lemey,P. and Nokes,D.J.
EPI_ISL_2582675	Suguru Takeuchi Nagoya University Graduate School of Medicine, Department of Pediatrics	Suguru Takeuchi Nagoya University Graduate School of Medicine, Department of Pediatrics	Takeuchi,S., Kawada,J. and Ito,Y.
EPI_ISL_2582678	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Otieno,J.R., Kamau,E.M., Oketch,J.W., Ngoi,J.M., Agoti,C.N., Gichuki,A.M., Otieno,G.P., Ngama,M., Cane,P.A., Kellam,P., Cotten,M., Lemey,P. and Nokes,D.J.

EPI_ISL_2582681	Experimental Pathology, Immunology, and Microbiology, American University of Beirut	Experimental Pathology, Immunology, and Microbiology, American University of Beirut	Ezzeddine,A.M.
EPI_ISL_2582683, EPI_ISL_2582686, EPI_ISL_2582688, EPI_ISL_2582691, EPI_ISL_2582694, EPI_ISL_2582696, EPI_ISL_2582699, EPI_ISL_2582701	Broad Institute of MIT & Harvard	Broad Institute of MIT & Harvard	Newman,R.M., Zody,M.C., DeVincenzo,J.P., Grad,Y., Lipsitch,M., Murphy,R., Fitzgerald,M., Young,S., Gargeya,S., Poon,T.W., Charlebois,P., Weiner,B., Yang,X., Piper,M.E., McCowan,C., Ireland,A., Levin,J., Malboeuf,C., Qu,J., Chapman,S.B., Murphy,C., Wortman,J., Nusbaum,C. and Birren,B.
EPI_ISL_2582703	J. Craig Venter Institute	J. Craig Venter Institute	Shabman,R., Fedorova,N., Puri,V., Shrivastava,S., Amedeo,P., Isom,R., Hu,L., Pickett,B., Novotny,M., Durbin,A., Rocchi,I., Williams,T., Hall,C.B., Tesini,B.L., Schnabel,K.C., Walsh,E.E. and Caserta,M.
EPI_ISL_2582706, EPI_ISL_2582709, EPI_ISL_2582711, EPI_ISL_2582714, EPI_ISL_2582716, EPI_ISL_2582719, EPI_ISL_2582722, EPI_ISL_2582724, EPI_ISL_2582727, EPI_ISL_2582729, EPI_ISL_2582732, EPI_ISL_2582735, EPI_ISL_2582738, EPI_ISL_2582740, EPI_ISL_2582743, EPI_ISL_2582745, EPI_ISL_2582747, EPI_ISL_2582750, EPI_ISL_2582751, EPI_ISL_2582756, EPI_ISL_2582758, EPI_ISL_2582760, EPI_ISL_2582762, EPI_ISL_2582764			
see above	Broad Institute of MIT & Harvard	Broad Institute of MIT & Harvard	Newman,R.M., Zody,M.C., DeVincenzo,J.P., Grad,Y., Lipsitch,M., Murphy,R., Fitzgerald,M., Young,S., Gargeya,S., Poon,T.W., Charlebois,P., Weiner,B., Yang,X., Piper,M.E., McCowan,C., Ireland,A., Levin,J., Malboeuf,C., Qu,J., Chapman,S.B., Murphy,C., Wortman,J., Nusbaum,C. and Birren,B.
EPI_ISL_2582766	Infectious Disease Initiative, Broad Institute	Infectious Disease Initiative, Broad Institute	Newman,R.M., Zody,M.C., DeVincenzo,J.P., Grad,Y., Lipsitch,M., Murphy,R., Fitzgerald,M., Young,S., Gargeya,S., Poon,T.W., Charlebois,P., Weiner,B., Yang,X., Piper,M.E., McCowan,C., Ireland,A., Levin,J., Malboeuf,C., Qu,J., Chapman,S.B., Murphy,C., Wortman,J., Nusbaum,C. and Birren,B.
EPI_ISL_2582768	Broad Institute of MIT & Harvard	Broad Institute of MIT & Harvard	Newman,R.M., Zody,M.C., DeVincenzo,J.P., Grad,Y., Lipsitch,M., Murphy,R., Fitzgerald,M., Young,S., Gargeya,S., Poon,T.W., Charlebois,P., Weiner,B., Yang,X., Piper,M.E., McCowan,C., Ireland,A., Levin,J., Malboeuf,C., Qu,J., Chapman,S.B., Murphy,C., Wortman,J., Nusbaum,C. and Birren,B.
EPI_ISL_2582771	Marie Bashir Institute for Infectious Diseases and Biosecurity & Sydney Medical School, The University of Sydney, Westmead Institute for Medical Research	Marie Bashir Institute for Infectious Diseases and Biosecurity & Sydney Medical School, The University of Sydney, Westmead Institute for Medical Research	Eden,J.-S., Kok,J., Dwyer,D.E., Fernandez,M., Carter,I. and Holmes,E.C.
EPI_ISL_2582775, EPI_ISL_2582778	J. Craig Venter Institute	J. Craig Venter Institute	Shabman,R., Fedorova,N., Puri,V., Shrivastava,S., Amedeo,P., Isom,R., Hu,L., Pickett,B., Novotny,M., Durbin,A., Rocchi,I., Williams,T., Hall,C.B., Tesini,B.L., Schnabel,K.C., Walsh,E.E. and Caserta,M.
EPI_ISL_2582780	Broad Institute of MIT & Harvard	Broad Institute of MIT & Harvard	Newman,R.M., Zody,M.C., DeVincenzo,J.P., Grad,Y., Lipsitch,M., Murphy,R., Fitzgerald,M., Young,S., Gargeya,S., Poon,T.W., Charlebois,P., Weiner,B., Yang,X., Piper,M.E., McCowan,C., Ireland,A., Levin,J., Malboeuf,C., Qu,J., Chapman,S.B., Murphy,C., Wortman,J., Nusbaum,C. and Birren,B.
EPI_ISL_2582782	J. Craig Venter Institute	J. Craig Venter Institute	Shabman,R., Fedorova,N., Puri,V., Shrivastava,S., Amedeo,P., Isom,R., Hu,L., Pickett,B., Novotny,M., Durbin,A., Rocchi,I., Williams,T., Hall,C.B., Tesini,B.L., Schnabel,K.C., Walsh,E.E. and Caserta,M.
EPI_ISL_2582784	Broad Institute of MIT & Harvard	Broad Institute of MIT & Harvard	Newman,R.M., Zody,M.C., DeVincenzo,J.P., Grad,Y., Lipsitch,M., Murphy,R., Fitzgerald,M., Young,S., Gargeya,S., Poon,T.W., Charlebois,P., Weiner,B., Yang,X., Piper,M.E., McCowan,C., Ireland,A., Levin,J., Malboeuf,C., Qu,J., Chapman,S.B., Murphy,C., Wortman,J., Nusbaum,C. and Birren,B.
EPI_ISL_2582787	Lab Medicine, UW	Lab Medicine, UW	Greninger,A.L., Makhsous,N., Kuypers,J.M., Shean,R.C. and Jerome,K.R.
EPI_ISL_2582789	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Otieno,J.R., Kamau,E.M., Oketch,J.W., Ngoi,J.M., Agoti,C.N., Gichuki,A.M., Otieno,G.P., Ngama,M., Cane,P.A., Kellam,P., Cotten,M., Lemey,P. and Nokes,D.J.
EPI_ISL_2582796	Central Laboratory, Guangzhou Women and Children's Medical Center	Central Laboratory, Guangzhou Women and Children's Medical Center	Xie,J.H., Zhu,B., Zhong,J.Y., Chen,Y. and Zhang,Y.Y.
EPI_ISL_2582798	Lab Medicine, UW	Lab Medicine, UW	Greninger,A.L., Makhsous,N., Kuypers,J.M., Shean,R.C. and Jerome,K.R.
EPI_ISL_2582801	Department of Laboratory Medicine, Lin-Kou Chang-Gung Memorial Hospital	Department of Laboratory Medicine, Lin-Kou Chang-Gung Memorial Hospital	Tsao,K.-C., Gong,Y.-N., Yang,S.-L., Chen,G.-W., Chen,Y.-W., Huang,Y.-C. and Liu,Y.-C.
EPI_ISL_2582804	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Otieno,J.R., Kamau,E.M., Oketch,J.W., Ngoi,J.M., Agoti,C.N., Gichuki,A.M., Otieno,G.P., Ngama,M., Cane,P.A., Kellam,P., Cotten,M., Lemey,P. and Nokes,D.J.
EPI_ISL_2582805	J. Craig Venter Institute	J. Craig Venter Institute	Tan,G., Pickett,B., Fedorova,N., Amedeo,P., Isom,R., Hu,L., Christensen,J., Miller,J., Novotny,M., Durbin,A., Rocchi,I., Williams,T., Arumemi,F. and Das,S.
EPI_ISL_2582808, EPI_ISL_2582810, EPI_ISL_2582813, EPI_ISL_2582819, EPI_ISL_2582820, EPI_ISL_2582823, EPI_ISL_2582826	Broad Institute of MIT & Harvard	Broad Institute of MIT & Harvard	Newman,R.M., Zody,M.C., DeVincenzo,J.P., Grad,Y., Lipsitch,M., Murphy,R., Fitzgerald,M., Young,S., Gargeya,S., Poon,T.W., Charlebois,P., Weiner,B., Yang,X., Piper,M.E., McCowan,C., Ireland,A., Levin,J., Malboeuf,C., Qu,J., Chapman,S.B., Murphy,C., Wortman,J., Nusbaum,C. and Birren,B.
EPI_ISL_2582832, EPI_ISL_2582834	Laboratory Medicine, UW Virology	Laboratory Medicine, UW Virology	Lin,M.J., Tait,A. and Greninger,A.L.
EPI_ISL_2582836, EPI_ISL_2582838	Department of Experimental Modeling and Pathogenesis of Infectious Diseases, Federal Research Center of Fundamental and Translational Medicine	Department of Experimental Modeling and Pathogenesis of Infectious Diseases, Federal Research Center of Fundamental and Translational Medicine	Dubovitskiy,N.A., Sobolev,I.A., Kurskaya,O.G., Sharshov,K.A., Anoshina,A.V., Leonova,N.V., Murashkina,T.A., Solomatina,M.V., Derko,A.A., Saroyan,T.A., Kabilov,M.R., Alikina,T.Y. and Shestopalov,A.M.
EPI_ISL_2582841	Marie Bashir Institute for Infectious Diseases and Biosecurity & Sydney Medical School, The University of Sydney, Westmead Institute for Medical Research	Marie Bashir Institute for Infectious Diseases and Biosecurity & Sydney Medical School, The University of Sydney, Westmead Institute for Medical Research	Eden,J.-S., Kok,J., Dwyer,D.E., Fernandez,M., Carter,I. and Holmes,E.C.
EPI_ISL_2582844	Broad Institute of MIT & Harvard	Broad Institute of MIT & Harvard	Newman,R.M., Zody,M.C., DeVincenzo,J.P., Grad,Y., Lipsitch,M., Murphy,R., Fitzgerald,M., Young,S., Gargeya,S., Poon,T.W., Charlebois,P., Weiner,B., Yang,X., Piper,M.E., McCowan,C., Ireland,A., Levin,J., Malboeuf,C., Qu,J., Chapman,S.B., Murphy,C., Wortman,J., Nusbaum,C. and Birren,B.
EPI_ISL_2582847	J. Craig Venter Institute	J. Craig Venter Institute	Shabman,R., Fedorova,N., Puri,V., Shrivastava,S., Amedeo,P., Isom,R., Hu,L., Pickett,B., Novotny,M., Durbin,A., Rocchi,I., Williams,T., Hall,C.B., Tesini,B.L., Schnabel,K.C., Walsh,E.E. and Caserta,M.
EPI_ISL_2582849, EPI_ISL_2582851	Center for Infectious Diseases, School of Public Health, University of Texas Health Science Center	Center for Infectious Diseases, School of Public Health, University of Texas Health Science Center	Bahl,J., Hixson,J., Kim,D.-K., Qiu,X., Piedra,P.A., Piedra,F.-A., Avadhanula,V. and Machado,A.A.
EPI_ISL_2582854	Broad Institute of MIT & Harvard	Broad Institute of MIT & Harvard	Newman,R.M., Zody,M.C., DeVincenzo,J.P., Grad,Y., Lipsitch,M., Murphy,R., Fitzgerald,M., Young,S., Gargeya,S., Poon,T.W., Charlebois,P., Weiner,B., Yang,X., Piper,M.E., McCowan,C., Ireland,A., Levin,J., Malboeuf,C., Qu,J., Chapman,S.B., Murphy,C., Wortman,J., Nusbaum,C. and Birren,B.
EPI_ISL_2582857, EPI_ISL_2582859, EPI_ISL_2582861	Pediatrics - Infectious Diseases, Medical College of Wisconsin	Pediatrics - Infectious Diseases, Medical College of Wisconsin	Rebuffo-Scheer,C., Bose,M.E., He,J., Khajia,S., Ulatowski,M., Beck,E.T., Fan,J., Kumar,S., Nelson,M.I. and Henrickson,K.J.
EPI_ISL_2582864	Gansu Center for Disease Control and Prevention, Pathogen Laboratory	Gansu Center for Disease Control and Prevention, Pathogen Laboratory	Qiao,R., Chen,J., Wu,H. and Yu,D.
EPI_ISL_2582866	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Otieno,J.R., Kamau,E.M., Oketch,J.W., Ngoi,J.M., Agoti,C.N., Gichuki,A.M., Otieno,G.P., Ngama,M., Cane,P.A., Kellam,P., Cotten,M., Lemey,P. and Nokes,D.J.
EPI_ISL_2582869	Pediatrics - Infectious Diseases, Medical College of Wisconsin	Pediatrics - Infectious Diseases, Medical College of Wisconsin	Rebuffo-Scheer,C., Bose,M.E., He,J., Khajia,S., Ulatowski,M., Beck,E.T., Fan,J., Kumar,S., Nelson,M.I. and Henrickson,K.J.
EPI_ISL_2582873, EPI_ISL_2582875	J. Craig Venter Institute	J. Craig Venter Institute	Shabman,R., Fedorova,N., Puri,V., Shrivastava,S., Amedeo,P., Isom,R., Hu,L., Pickett,B., Novotny,M., Durbin,A., Rocchi,I., Williams,T., Hall,C.B., Tesini,B.L., Schnabel,K.C., Walsh,E.E. and Caserta,M.
EPI_ISL_2582878	Broad Institute of MIT & Harvard	Broad Institute of MIT & Harvard	Newman,R.M., Zody,M.C., DeVincenzo,J.P., Grad,Y., Lipsitch,M., Murphy,R., Fitzgerald,M., Young,S., Gargeya,S., Poon,T.W., Charlebois,P., Weiner,B., Yang,X., Piper,M.E., McCowan,C., Ireland,A., Levin,J., Malboeuf,C., Qu,J., Chapman,S.B., Murphy,C., Wortman,J., Nusbaum,C. and Birren,B.
EPI_ISL_2582880	Medicine, University of Washington, 300 9th Ave, Harborview Research & Training Building	Medicine, University of Washington, 300 9th Ave, Harborview Research & Training Building	Chu,H., Scott,E. and Roychoudhury,P.

EPI_ISL_2582883	Broad Institute of MIT & Harvard	Broad Institute of MIT & Harvard	Newman,R.M., Zody,M.C., DeVincenzo,J.P., Grad,Y., Lipsitch,M., Murphy,R., Fitzgerald,M., Young,S., Gargeya,S., Poon,T.W., Charlebois,P., Weiner,B., Yang,X., Piper,M.E., McCowan,C., Ireland,A., Levin,J., Malboeuf,C., Qu,J., Chapman,S.B., Murphy,C., Wortman,J., Nusbaum,C. and Birren,B.
EPI_ISL_2582886	J. Craig Venter Institute	J. Craig Venter Institute	Shabman,R., Fedorova,N., Puri,V., Shrivastava,S., Amedeo,P., Isom,R., Hu,L., Pickett,B., Novotny,M., Durbin,A., Rocchi,I., Williams,T., Hall,C.B., Tesini,B.L., Schnabel,K.C., Walsh,E.E. and Caserta,M.
EPI_ISL_2582892, EPI_ISL_2582893	Pediatrics - Infectious Diseases, Medical College of Wisconsin	Pediatrics - Infectious Diseases, Medical College of Wisconsin	Rebuffo-Scheer,C., Bose,M.E., He,J., Khajia,S., Ulatowski,M., Beck,E.T., Fan,J., Kumar,S., Nelson,M.I. and Henrickson,K.J.
EPI_ISL_2582901	J. Craig Venter Institute	J. Craig Venter Institute	Shabman,R., Fedorova,N., Puri,V., Shrivastava,S., Amedeo,P., Isom,R., Hu,L., Pickett,B., Novotny,M., Durbin,A., Rocchi,I., Williams,T., Hall,C.B., Tesini,B.L., Schnabel,K.C., Walsh,E.E. and Caserta,M.
EPI_ISL_2582904	Broad Institute of MIT & Harvard	Broad Institute of MIT & Harvard	Newman,R.M., Zody,M.C., DeVincenzo,J.P., Grad,Y., Lipsitch,M., Murphy,R., Fitzgerald,M., Young,S., Gargeya,S., Poon,T.W., Charlebois,P., Weiner,B., Yang,X., Piper,M.E., McCowan,C., Ireland,A., Levin,J., Malboeuf,C., Qu,J., Chapman,S.B., Murphy,C., Wortman,J., Nusbaum,C. and Birren,B.
EPI_ISL_2582906	Department of Pediatrics, Center of Excellence in Clinical Virology, Chulalongkorn	Department of Pediatrics, Center of Excellence in Clinical Virology, Chulalongkorn	Thongpan,I.
EPI_ISL_2582908, EPI_ISL_2582910	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Otieno,J.R., Kamau,E.M., Oketch,J.W., Ngoi,J.M., Agoti,C.N., Gichuki,A.M., Otieno,G.P., Ngama,M., Cane,P.A., Kellam,P., Cotten,M., Lemezy,P. and Nokes,D.J.
EPI_ISL_2582923, EPI_ISL_2582926, EPI_ISL_2582927, EPI_ISL_2582930, EPI_ISL_2582933	J. Craig Venter Institute	J. Craig Venter Institute	Shabman,R., Fedorova,N., Puri,V., Shrivastava,S., Amedeo,P., Isom,R., Hu,L., Pickett,B., Novotny,M., Durbin,A., Rocchi,I., Williams,T., Hall,C.B., Tesini,B.L., Schnabel,K.C., Walsh,E.E. and Caserta,M.
EPI_ISL_2582935, EPI_ISL_2582938, EPI_ISL_2582941	Broad Institute of MIT & Harvard	Broad Institute of MIT & Harvard	Newman,R.M., Zody,M.C., DeVincenzo,J.P., Grad,Y., Lipsitch,M., Murphy,R., Fitzgerald,M., Young,S., Gargeya,S., Poon,T.W., Charlebois,P., Weiner,B., Yang,X., Piper,M.E., McCowan,C., Ireland,A., Levin,J., Malboeuf,C., Qu,J., Chapman,S.B., Murphy,C., Wortman,J., Nusbaum,C. and Birren,B.
EPI_ISL_2582946, EPI_ISL_2582949	J. Craig Venter Institute	J. Craig Venter Institute	Shabman,R., Fedorova,N., Puri,V., Shrivastava,S., Amedeo,P., Isom,R., Hu,L., Pickett,B., Novotny,M., Durbin,A., Rocchi,I., Williams,T., Hall,C.B., Tesini,B.L., Schnabel,K.C., Walsh,E.E. and Caserta,M.
EPI_ISL_2582951	Broad Institute of MIT & Harvard	Broad Institute of MIT & Harvard	Newman,R.M., Zody,M.C., DeVincenzo,J.P., Grad,Y., Lipsitch,M., Murphy,R., Fitzgerald,M., Young,S., Gargeya,S., Poon,T.W., Charlebois,P., Weiner,B., Yang,X., Piper,M.E., McCowan,C., Ireland,A., Levin,J., Malboeuf,C., Qu,J., Chapman,S.B., Murphy,C., Wortman,J., Nusbaum,C. and Birren,B.
EPI_ISL_2582954	J. Craig Venter Institute	J. Craig Venter Institute	Shabman,R., Fedorova,N., Puri,V., Shrivastava,S., Amedeo,P., Isom,R., Hu,L., Pickett,B., Novotny,M., Durbin,A., Rocchi,I., Williams,T., Hall,C.B., Tesini,B.L., Schnabel,K.C., Walsh,E.E. and Caserta,M.
EPI_ISL_2583023, EPI_ISL_2583024	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Otieno,J.R., Kamau,E.M., Oketch,J.W., Ngoi,J.M., Agoti,C.N., Gichuki,A.M., Otieno,G.P., Ngama,M., Cane,P.A., Kellam,P., Cotten,M., Lemezy,P. and Nokes,D.J.
EPI_ISL_2583026	Medicine, University of Washington, 300 9th Ave, Harborview Research & Training Building	Medicine, University of Washington, 300 9th Ave, Harborview Research & Training Building	Chu,H., Scott,E. and Roychoudhury,P.
EPI_ISL_2583029	Broad Institute of MIT & Harvard	Broad Institute of MIT & Harvard	Newman,R.M., Zody,M.C., DeVincenzo,J.P., Grad,Y., Lipsitch,M., Murphy,R., Fitzgerald,M., Young,S., Gargeya,S., Poon,T.W., Charlebois,P., Weiner,B., Yang,X., Piper,M.E., McCowan,C., Ireland,A., Levin,J., Malboeuf,C., Qu,J., Chapman,S.B., Murphy,C., Wortman,J., Nusbaum,C. and Birren,B.
EPI_ISL_2583031	Pediatrics - Infectious Diseases, Medical College of Wisconsin	Pediatrics - Infectious Diseases, Medical College of Wisconsin	Rebuffo-Scheer,C., Bose,M.E., He,J., Khajia,S., Ulatowski,M., Beck,E.T., Fan,J., Kumar,S., Nelson,M.I. and Henrickson,K.J.
EPI_ISL_2583034	Broad Institute of MIT & Harvard	Broad Institute of MIT & Harvard	Newman,R.M., Zody,M.C., DeVincenzo,J.P., Grad,Y., Lipsitch,M., Murphy,R., Fitzgerald,M., Young,S., Gargeya,S., Poon,T.W., Charlebois,P., Weiner,B., Yang,X., Piper,M.E., McCowan,C., Ireland,A., Levin,J., Malboeuf,C., Qu,J., Chapman,S.B., Murphy,C., Wortman,J., Nusbaum,C. and Birren,B.
EPI_ISL_2583038	Pediatrics, University of New Mexico	Pediatrics, University of New Mexico	Kothari,A., Kennedy,J.L., Schwalm,K.C., Putt,C., Denson,J.L. and Dinwiddie,D.L.
EPI_ISL_2583040	Broad Institute of MIT & Harvard	Broad Institute of MIT & Harvard	Newman,R.M., Zody,M.C., DeVincenzo,J.P., Grad,Y., Lipsitch,M., Murphy,R., Fitzgerald,M., Young,S., Gargeya,S., Poon,T.W., Charlebois,P., Weiner,B., Yang,X., Piper,M.E., McCowan,C., Ireland,A., Levin,J., Malboeuf,C., Qu,J., Chapman,S.B., Murphy,C., Wortman,J., Nusbaum,C. and Birren,B.
EPI_ISL_2583042	Pediatrics, University of New Mexico	Pediatrics, University of New Mexico	Kothari,A., Kennedy,J.L., Schwalm,K.C., Putt,C., Denson,J.L. and Dinwiddie,D.L.
EPI_ISL_2583045, EPI_ISL_2583046, EPI_ISL_2583048, EPI_ISL_2583050, EPI_ISL_2583054, EPI_ISL_2583055	Broad Institute of MIT & Harvard	Broad Institute of MIT & Harvard	Newman,R.M., Zody,M.C., DeVincenzo,J.P., Grad,Y., Lipsitch,M., Murphy,R., Fitzgerald,M., Young,S., Gargeya,S., Poon,T.W., Charlebois,P., Weiner,B., Yang,X., Piper,M.E., McCowan,C., Ireland,A., Levin,J., Malboeuf,C., Qu,J., Chapman,S.B., Murphy,C., Wortman,J., Nusbaum,C. and Birren,B.
EPI_ISL_2583057	Pediatrics - Infectious Diseases, Medical College of Wisconsin	Pediatrics - Infectious Diseases, Medical College of Wisconsin	Rebuffo-Scheer,C., Bose,M.E., He,J., Khajia,S., Ulatowski,M., Beck,E.T., Fan,J., Kumar,S., Nelson,M.I. and Henrickson,K.J.
EPI_ISL_2583061, EPI_ISL_2583062, EPI_ISL_2583063	Pediatrics, University of New Mexico	Pediatrics, University of New Mexico	Kothari,A., Kennedy,J.L., Schwalm,K.C., Putt,C., Denson,J.L. and Dinwiddie,D.L.
EPI_ISL_2583065	Pediatrics - Infectious Diseases, Medical College of Wisconsin	Pediatrics - Infectious Diseases, Medical College of Wisconsin	Rebuffo-Scheer,C., Bose,M.E., He,J., Khajia,S., Ulatowski,M., Beck,E.T., Fan,J., Kumar,S., Nelson,M.I. and Henrickson,K.J.
EPI_ISL_2583068, EPI_ISL_2583072, EPI_ISL_2583074	Broad Institute of MIT & Harvard	Broad Institute of MIT & Harvard	Newman,R.M., Zody,M.C., DeVincenzo,J.P., Grad,Y., Lipsitch,M., Murphy,R., Fitzgerald,M., Young,S., Gargeya,S., Poon,T.W., Charlebois,P., Weiner,B., Yang,X., Piper,M.E., McCowan,C., Ireland,A., Levin,J., Malboeuf,C., Qu,J., Chapman,S.B., Murphy,C., Wortman,J., Nusbaum,C. and Birren,B.
EPI_ISL_2583076	Pediatrics, University of New Mexico	Pediatrics, University of New Mexico	Kothari,A., Kennedy,J.L., Schwalm,K.C., Putt,C., Denson,J.L. and Dinwiddie,D.L.
EPI_ISL_2583078, EPI_ISL_2583080, EPI_ISL_2583082	Broad Institute of MIT & Harvard	Broad Institute of MIT & Harvard	Newman,R.M., Zody,M.C., DeVincenzo,J.P., Grad,Y., Lipsitch,M., Murphy,R., Fitzgerald,M., Young,S., Gargeya,S., Poon,T.W., Charlebois,P., Weiner,B., Yang,X., Piper,M.E., McCowan,C., Ireland,A., Levin,J., Malboeuf,C., Qu,J., Chapman,S.B., Murphy,C., Wortman,J., Nusbaum,C. and Birren,B.
EPI_ISL_2583083	Pediatrics - Infectious Diseases, Medical College of Wisconsin	Pediatrics - Infectious Diseases, Medical College of Wisconsin	Rebuffo-Scheer,C., Bose,M.E., He,J., Khajia,S., Ulatowski,M., Beck,E.T., Fan,J., Kumar,S., Nelson,M.I. and Henrickson,K.J.
EPI_ISL_2583085, EPI_ISL_2583087	Broad Institute of MIT & Harvard	Broad Institute of MIT & Harvard	Newman,R.M., Zody,M.C., DeVincenzo,J.P., Grad,Y., Lipsitch,M., Murphy,R., Fitzgerald,M., Young,S., Gargeya,S., Poon,T.W., Charlebois,P., Weiner,B., Yang,X., Piper,M.E., McCowan,C., Ireland,A., Levin,J., Malboeuf,C., Qu,J., Chapman,S.B., Murphy,C., Wortman,J., Nusbaum,C. and Birren,B.
EPI_ISL_2583091	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Otieno,J.R., Kamau,E.M., Oketch,J.W., Ngoi,J.M., Agoti,C.N., Gichuki,A.M., Otieno,G.P., Ngama,M., Cane,P.A., Kellam,P., Cotten,M., Lemezy,P. and Nokes,D.J.
EPI_ISL_2583092	Broad Institute of MIT & Harvard	Broad Institute of MIT & Harvard	Newman,R.M., Zody,M.C., DeVincenzo,J.P., Grad,Y., Lipsitch,M., Murphy,R., Fitzgerald,M., Young,S., Gargeya,S., Poon,T.W., Charlebois,P., Weiner,B., Yang,X., Piper,M.E., McCowan,C., Ireland,A., Levin,J., Malboeuf,C., Qu,J., Chapman,S.B., Murphy,C., Wortman,J., Nusbaum,C. and Birren,B.
EPI_ISL_2585205	J. Craig Venter Institute	J. Craig Venter Institute	Lorenzi,H., Town,C., Halpin,R., Bera,J., Ransier,A., Fedorova,N., Stockwell,T., Amedeo,P., Appalla,L., Bishop,B., Edworthy,P., Gupta,N., Hoover,J., Katzel,D., Li,K., Schobel,S., Shrivastava,S., Thovarai,V., Wang,S., Rebuffo-Scheer,C., Fan,J., He,J., Kehi,S.C., Lederboer,N., Jurgens,L.A., Bose,M.E., Beck,E.T., Kumar,S., Noyola,D.E. and Henrickson,K.J.
EPI_ISL_2585256, EPI_ISL_2585258	J. Craig Venter Institute	J. Craig Venter Institute	Shabman,R., Das,S.R., Shilts,M., Fedorova,N., Puri,V., Shrivastava,S., Amedeo,P., Williams,M., Barratt,K., Mitchell,J. and Jennings,L.
EPI_ISL_2585259	J. Craig Venter Institute	J. Craig Venter Institute	Das,S., Halpin,R.A., Bera,J., Puri,V., Fedorova,N., Tsitrit,T., Stockwell,T., Amedeo,P., Bishop,B., Katzel,D., Schobel,S., Shrivastava,S., Hartert,T., Moore,M., Chappell,J., Larkin,E., Wentworth,D.E. and Anderson,L.J.
EPI_ISL_2585260	J. Craig Venter Institute	J. Craig Venter Institute	Das,S.R., Halpin,R.A., Shilts,M., Puri,V., Akopov,A., Fedorova,N., Stockwell,T., Amedeo,P., Bishop,B., Katzel,D., Schobel,S., Shrivastava,S. and Hartert,T.
EPI_ISL_2585261	J. Craig Venter Institute	J. Craig Venter Institute	Shabman,R., Das,S.R., Shilts,M., Fedorova,N., Puri,V., Shrivastava,S., Amedeo,P., Williams,M., Barratt,K., Mitchell,J. and Jennings,L.
EPI_ISL_2585265	J. Craig Venter Institute	J. Craig Venter Institute	Das,S.R., Halpin,R.A., Shilts,M., Puri,V., Akopov,A., Fedorova,N., Stockwell,T., Amedeo,P., Bishop,B., Katzel,D., Schobel,S., Shrivastava,S. and Hartert,T.
EPI_ISL_2585267, EPI_ISL_2585268, EPI_ISL_2585269, EPI_ISL_2585275, EPI_ISL_2585276, EPI_ISL_2585277, EPI_ISL_2585279	J. Craig Venter Institute	J. Craig Venter Institute	Shabman,R., Das,S.R., Shilts,M., Fedorova,N., Puri,V., Shrivastava,S., Amedeo,P., Williams,M., Barratt,K., Mitchell,J. and Jennings,L.

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EPI_ISL_2588301, EPI_ISL_2588302, EPI_ISL_2588303	J. Craig Venter Institute	J. Craig Venter Institute	Hartert,T., Moore,M., Chappell,J., Larkin,E., Wentworth,D.E. and Anderson,L.J.
	J. Craig Venter Institute	J. Craig Venter Institute	Das,S.R., Halpin,R.A., Shilts,M., Puri,V., Akopov,A., Fedorova,N., Stockwell,T., Amedeo,P., Bishop,B., Katzel,D., Schobel,S., Shrivastava,S. and Hartert,T.
	J. Craig Venter Institute	J. Craig Venter Institute	Das,S., Halpin,R.A., Bera,J., Fedorova,N., Tsitrin,T., Stockwell,T., Amedeo,P., Bishop,B., Gupta,N., Hoover,J., Katzel,D., Schobel,S., Shrivastava,S., Hartert,T., Moore,M., Chappell,J., Larkin,E., Wentworth,D.E. and Anderson,L.J.
EPI_ISL_2588305, EPI_ISL_2588306	J. Craig Venter Institute	J. Craig Venter Institute	Das,S.R., Halpin,R.A., Shilts,M., Puri,V., Akopov,A., Fedorova,N., Stockwell,T., Amedeo,P., Bishop,B., Katzel,D., Schobel,S., Shrivastava,S. and Hartert,T.
	J. Craig Venter Institute	J. Craig Venter Institute	Das,S., Halpin,R.A., Bera,J., Fedorova,N., Tsitrin,T., Stockwell,T., Amedeo,P., Bishop,B., Gupta,N., Hoover,J., Katzel,D., Schobel,S., Shrivastava,S., Hartert,T., Moore,M., Chappell,J., Larkin,E., Wentworth,D.E. and Anderson,L.J.
EPI_ISL_2588348	J. Craig Venter Institute	J. Craig Venter Institute	Das,S., Halpin,R.A., Bera,J., Puri,V., Fedorova,N., Tsitrin,T., Stockwell,T., Amedeo,P., Bishop,B., Katzel,D., Schobel,S., Shrivastava,S., Hartert,T., Moore,M., Chappell,J., Larkin,E., Wentworth,D.E. and Anderson,L.J.
EPI_ISL_2588349, EPI_ISL_2588350, EPI_ISL_2588351	J. Craig Venter Institute	J. Craig Venter Institute	Das,S., Halpin,R.A., Bera,J., Fedorova,N., Tsitrin,T., Stockwell,T., Amedeo,P., Bishop,B., Gupta,N., Hoover,J., Katzel,D., Schobel,S., Shrivastava,S., Hartert,T., Moore,M., Chappell,J., Larkin,E., Wentworth,D.E. and Anderson,L.J.
	J. Craig Venter Institute	J. Craig Venter Institute	Das,S., Halpin,R.A., Bera,J., Puri,V., Fedorova,N., Tsitrin,T., Stockwell,T., Amedeo,P., Bishop,B., Katzel,D., Schobel,S., Shrivastava,S., Hartert,T., Moore,M., Chappell,J., Larkin,E., Wentworth,D.E. and Anderson,L.J.
EPI_ISL_2588353, EPI_ISL_2588354, EPI_ISL_2588355	J. Craig Venter Institute	J. Craig Venter Institute	Das,S.R., Halpin,R.A., Shilts,M., Puri,V., Akopov,A., Fedorova,N., Stockwell,T., Amedeo,P., Bishop,B., Katzel,D., Schobel,S., Shrivastava,S. and Hartert,T.
	J. Craig Venter Institute	J. Craig Venter Institute	Shabman,R., Das,S.R., Shilts,M., Fedorova,N., Puri,V., Shrivastava,S., Amedeo,P., Williams,M., Barratt,K., Mitchell,J. and Jennings,L.
EPI_ISL_2588357, EPI_ISL_2588358, EPI_ISL_2588359, EPI_ISL_2588360, EPI_ISL_2588361, EPI_ISL_2588362	J. Craig Venter Institute	J. Craig Venter Institute	Das,S., Halpin,R.A., Bera,J., Fedorova,N., Tsitrin,T., Stockwell,T., Amedeo,P., Bishop,B., Gupta,N., Hoover,J., Katzel,D., Schobel,S., Shrivastava,S., Hartert,T., Moore,M., Chappell,J., Larkin,E., Wentworth,D.E. and Anderson,L.J.
EPI_ISL_2588363, EPI_ISL_2588364, EPI_ISL_2588365, EPI_ISL_2588366, EPI_ISL_2588367, EPI_ISL_2588368, EPI_ISL_2588369, EPI_ISL_2588370, EPI_ISL_2588371, EPI_ISL_2588372, EPI_ISL_2588373, EPI_ISL_2588374, EPI_ISL_2588375			
see above	J. Craig Venter Institute	J. Craig Venter Institute	Das,S.R., Halpin,R.A., Shilts,M., Puri,V., Akopov,A., Fedorova,N., Stockwell,T., Amedeo,P., Bishop,B., Katzel,D., Schobel,S., Shrivastava,S. and Hartert,T.
EPI_ISL_2588376	J. Craig Venter Institute	J. Craig Venter Institute	Shabman,R., Das,S.R., Puri,V., Fedorova,N., Amedeo,P., Williams,M., Shrivastava,S. and Halasa,N.
EPI_ISL_2588377, EPI_ISL_2588378	J. Craig Venter Institute	J. Craig Venter Institute	Das,S.R., Halpin,R.A., Shilts,M., Puri,V., Akopov,A., Fedorova,N., Stockwell,T., Amedeo,P., Bishop,B., Katzel,D., Schobel,S., Shrivastava,S. and Hartert,T.
	J. Craig Venter Institute	J. Craig Venter Institute	Wentworth,D.E., Halpin,R.A., Bera,J., Lin,X., Fedorova,N., Tsitrin,T., McLellan,M., Stockwell,T., Amedeo,P., Bishop,B., Gupta,N., Hoover,J., Katzel,D., Schobel,S., Shrivastava,S., Garcia,J., Laguna-Torres,V.A., Leguia,M., Benavides,J.G. and Halsey,E.
EPI_ISL_2588380	J. Craig Venter Institute	J. Craig Venter Institute	Das,S.R., Halpin,R.A., Shilts,M., Puri,V., Akopov,A., Fedorova,N., Stockwell,T., Amedeo,P., Bishop,B., Katzel,D., Schobel,S., Shrivastava,S. and Hartert,T.
EPI_ISL_2588437	J. Craig Venter Institute	J. Craig Venter Institute	Shabman,R., Das,S.R., Puri,V., Fedorova,N., Amedeo,P., Williams,M., Shrivastava,S. and Halasa,N.
EPI_ISL_2588597	J. Craig Venter Institute	J. Craig Venter Institute	Das,S., Halpin,R.A., Bera,J., Fedorova,N., Tsitrin,T., Stockwell,T., Amedeo,P., Bishop,B., Gupta,N., Hoover,J., Katzel,D., Schobel,S., Shrivastava,S., Hartert,T., Moore,M., Chappell,J., Larkin,E., Wentworth,D.E. and Anderson,L.J.
EPI_ISL_2588598, EPI_ISL_2588599, EPI_ISL_2588600	J. Craig Venter Institute	J. Craig Venter Institute	Das,S.R., Halpin,R.A., Shilts,M., Puri,V., Akopov,A., Fedorova,N., Stockwell,T., Amedeo,P., Bishop,B., Katzel,D., Schobel,S., Shrivastava,S. and Hartert,T.
	Virology Laboratory, Dr. Ricardo Gutierrez Children Hospital	Virology Laboratory, Dr. Ricardo Gutierrez Children Hospital	Goya,S., Rojo,G.L., Valinotto,L.E., Mistchenko,A.S. and Viegas,M.
	Virology Laboratory, Dr. Ricardo Gutierrez Children Hospital	Virology Laboratory, Dr. Ricardo Gutierrez Children Hospital	Goya,S., Valinotto,L.E., Tittarelli,E., Rojo,G.L., Greninger,A., Zaiat,J., Marti,M., Mistchenko,A.S. and Viegas,M.
EPI_ISL_2588796, EPI_ISL_2588818	Virology Laboratory, Dr. Ricardo Gutierrez Children Hospital	Virology Laboratory, Dr. Ricardo Gutierrez Children Hospital	Goya,S., Valinotto,L.E., Tittarelli,E., Rojo,G.L., Greninger,A., Luso,S., Natale,M., Mistchenko,A.S. and Viegas,M.
	Virology Laboratory, Dr. Ricardo Gutierrez Children Hospital	Virology Laboratory, Dr. Ricardo Gutierrez Children Hospital	Goya,S., Valinotto,L.E., Tittarelli,E., Rojo,G.L., Greninger,A., Zaiat,J., Marti,M., Mistchenko,A.S. and Viegas,M.
	Virology Laboratory, Dr. Ricardo Gutierrez Children Hospital	Virology Laboratory, Dr. Ricardo Gutierrez Children Hospital	Goya,S., Rojo,G.L., Valinotto,L.E., Mistchenko,A.S. and Viegas,M.
EPI_ISL_2592492	J. Craig Venter Institute	J. Craig Venter Institute	Shabman,R., Fedorova,N., Puri,V., Shrivastava,S., Amedeo,P., Isom,R., Hu,L., Pickett,B., Novotny,M., Durbin,A., Rocchi,I., Williams,T., Hall,C.B., Tesini,B.L., Schnabel,K.C., Walsh,E.E. and Caserta,M.
EPI_ISL_2592529	Pediatrics - Infectious Diseases, Medical College of Wisconsin	Pediatrics - Infectious Diseases, Medical College of Wisconsin	Rebuffo-Scheer,C., Bose,M.E., He,J., Khaja,S., Ulatowski,M., Beck,E.T., Fan,J., Kumar,S., Nelson,M.I. and Henrickson,K.J.
EPI_ISL_2592567, EPI_ISL_2592568, EPI_ISL_2592569, EPI_ISL_2592570, EPI_ISL_2592571, EPI_ISL_2592572	Broad Institute of MIT & Harvard	Broad Institute of MIT & Harvard	Newman,R.M., Zody,M.C., DeVincenzo,J.P., Grad,Y., Lipsitch,M., Murphy,R., Fitzgerald,M., Young,S., Gargeya,S., Poon,T.W., Charlebois,P., Weiner,B., Yang,X., Piper,M.E., McCowan,C., Ireland,A., Levin,J., Malboeuf,C., Qu,J., Chapman,S.B., Murphy,C., Wortman,J., Nusbaum,C. and Birren,B.
	Pediatrics - Infectious Diseases, Medical College of Wisconsin	Pediatrics - Infectious Diseases, Medical College of Wisconsin	Rebuffo-Scheer,C., Bose,M.E., He,J., Khaja,S., Ulatowski,M., Beck,E.T., Fan,J., Kumar,S., Nelson,M.I. and Henrickson,K.J.
	Virology, University of Washington	Virology, University of Washington	Greninger,A.L., Shean,R.C. and Makhoson,N.
EPI_ISL_2594878, EPI_ISL_2594879, EPI_ISL_2595159, EPI_ISL_2595160	Center for Infectious Diseases, School of Public Health, University of Texas Health Science Center	Center for Infectious Diseases, School of Public Health, University of Texas Health Science Center	Bahl,J., Hixson,J., Kim,D.-K., Qiu,X., Piedra,P.A., Piedra,F.-A., Avadhanula,V. and Machado,A.A.
	Beijing Key Laboratory of Etiology of Viral Diseases in Children; Laboratory of Virology, Capital Institute of Pediatrics	Beijing Key Laboratory of Etiology of Viral Diseases in Children; Laboratory of Virology, Capital Institute of Pediatrics	Cui,G., Zhu,R., Deng,J., Zhao,L., Sun,Y., Wang,F. and Qian,Y.
	Center for Infectious Diseases, School of Public Health, University of Texas Health Science Center	Center for Infectious Diseases, School of Public Health, University of Texas Health Science Center	Bahl,J., Hixson,J., Kim,D.-K., Qiu,X., Piedra,P.A., Piedra,F.-A., Avadhanula,V. and Machado,A.A.
EPI_ISL_2595181, EPI_ISL_2595182	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Otieno,J.R., Kamau,E.M., Oketch,J.W., Ngoi,J.M., Agoti,C.N., Gichuki,A.M., Otieno,G.P., Ngama,M., Cane,P.A., Kellam,P., Cotten,M., Lerney,P. and Nokes,D.J.
	Broad Institute of MIT & Harvard	Broad Institute of MIT & Harvard	Newman,R.M., Zody,M.C., DeVincenzo,J.P., Grad,Y., Lipsitch,M., Murphy,R., Fitzgerald,M., Young,S., Gargeya,S., Poon,T.W., Charlebois,P., Weiner,B., Yang,X., Piper,M.E., McCowan,C., Ireland,A., Levin,J., Malboeuf,C., Qu,J., Chapman,S.B., Murphy,C., Wortman,J., Nusbaum,C. and Birren,B.
	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Otieno,J.R., Kamau,E.M., Oketch,J.W., Ngoi,J.M., Agoti,C.N., Gichuki,A.M., Otieno,G.P., Ngama,M., Cane,P.A., Kellam,P., Cotten,M., Lerney,P. and Nokes,D.J.
EPI_ISL_2595315	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Shrivastava,S., Halpin,R.A., Puri,V., Fedorova,N.B., Stockwell,T., Amedeo,P., Katzel,D., Schobel,S., Pickett,B.E., Moore,M., Chappell,J., Larkin,E., Wentworth,D.E., Anderson,L.J. and Hartert,T.
EPI_ISL_2595321	J. Craig Venter Institute	J. Craig Venter Institute	Otieno,J.R., Kamau,E.M., Oketch,J.W., Ngoi,J.M., Agoti,C.N., Gichuki,A.M., Otieno,G.P., Ngama,M., Cane,P.A., Kellam,P., Cotten,M., Lerney,P. and Nokes,D.J.
EPI_ISL_2595357	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Eden,J.-S., Kok,J., Dwyer,D.E., Fernandez,M., Carter,I. and Holmes,E.C.
EPI_ISL_2595477	Marie Bashir Institute for Infectious Diseases and Biosecurity & Sydney Medical School, The University of Sydney, Westmead Institute for Medical Research	Marie Bashir Institute for Infectious Diseases and Biosecurity & Sydney Medical School, The University of Sydney, Westmead Institute for Medical Research	Otieno,J.R., Kamau,E.M., Oketch,J.W., Ngoi,J.M., Agoti,C.N., Gichuki,A.M., Otieno,G.P., Ngama,M., Cane,P.A., Kellam,P., Cotten,M., Lerney,P. and Nokes,D.J.
EPI_ISL_2595540, EPI_ISL_2595541	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Thongpan,I.
	Department of Pediatrics, Center of Excellence in Clinical	Department of Pediatrics, Center of Excellence in Clinical	

	Virology, Chulalongkorn	Virology, Chulalongkorn	
EPI_ISL_2595548, EPI_ISL_2595550	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Otieno,J.R., Kamau,E.M., Oketch,J.W., Ngoi,J.M., Agoti,C.N., Gichuki,A.M., Otieno,G.P., Ngama,M., Cane,P.A., Kellam,P., Cotten,M., Lemey,P. and Nokes,D.J.
EPI_ISL_2595591, EPI_ISL_2595592, EPI_ISL_2595604	Kazuya Shirato National Institute of Infectious Diseases, Virology III	Kazuya Shirato National Institute of Infectious Diseases, Virology III	Shirato,K., Sato,K., Daplat,I., Nao,N., Omiya,S., Matsuyama,S., Takeda,M. and Nishimura,H.
EPI_ISL_2595605, EPI_ISL_2595607, EPI_ISL_2595608, EPI_ISL_2595609	Marie Bashir Institute for Infectious Diseases and Biosecurity & Sydney Medical School, The University of Sydney, Westmead Institute for Medical Research	Marie Bashir Institute for Infectious Diseases and Biosecurity & Sydney Medical School, The University of Sydney, Westmead Institute for Medical Research	Eden,J.-S., Kok,J., Dwyer,D.E., Fernandez,M., Carter,I. and Holmes,E.C.
EPI_ISL_2595626, EPI_ISL_2595627, EPI_ISL_2595628, EPI_ISL_2595631, EPI_ISL_2595633, EPI_ISL_2595634, EPI_ISL_2595636, EPI_ISL_2595638, EPI_ISL_2595639, EPI_ISL_2595640, EPI_ISL_2595641, EPI_ISL_2595642, EPI_ISL_2595644			
see above	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Otieno,J.R., Kamau,E.M., Oketch,J.W., Ngoi,J.M., Agoti,C.N., Gichuki,A.M., Otieno,G.P., Ngama,M., Cane,P.A., Kellam,P., Cotten,M., Lemey,P. and Nokes,D.J.
EPI_ISL_2595651	Lab Medicine, UW	Lab Medicine, UW	Greninger,A.L., Makhssous,N., Kuypers,J.M., Shean,R.C. and Jerome,K.R.
EPI_ISL_2595653, EPI_ISL_2595654, EPI_ISL_2595655, EPI_ISL_2595657, EPI_ISL_2595658, EPI_ISL_2595660, EPI_ISL_2595661, EPI_ISL_2595663, EPI_ISL_2595665, EPI_ISL_2595672, EPI_ISL_2595673			
see above	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Otieno,J.R., Kamau,E.M., Oketch,J.W., Ngoi,J.M., Agoti,C.N., Gichuki,A.M., Otieno,G.P., Ngama,M., Cane,P.A., Kellam,P., Cotten,M., Lemey,P. and Nokes,D.J.
EPI_ISL_2595681, EPI_ISL_2595684	Marie Bashir Institute for Infectious Diseases and Biosecurity & Sydney Medical School, The University of Sydney, Westmead Institute for Medical Research	Marie Bashir Institute for Infectious Diseases and Biosecurity & Sydney Medical School, The University of Sydney, Westmead Institute for Medical Research	Eden,J.-S., Kok,J., Dwyer,D.E., Fernandez,M., Carter,I. and Holmes,E.C.
EPI_ISL_2595691	J. Craig Venter Institute	J. Craig Venter Institute	
EPI_ISL_2595696	Pediatrics, University of New Mexico	Pediatrics, University of New Mexico	
EPI_ISL_2595697	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Otieno,J.R., Kamau,E.M., Oketch,J.W., Ngoi,J.M., Agoti,C.N., Gichuki,A.M., Otieno,G.P., Ngama,M., Cane,P.A., Kellam,P., Cotten,M., Lemey,P. and Nokes,D.J.
EPI_ISL_2595699, EPI_ISL_2595700, EPI_ISL_2595701	Pediatrics, University of New Mexico	Pediatrics, University of New Mexico	Kothari,A., Kennedy,J.L., Schwalm,K.C., Putt,C., Denson,J.L. and Dinwiddie,D.L.
EPI_ISL_2595702	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Epidemiology and Demography Department, KEMRI-Wellcome Trust Research Programme	Otieno,J.R., Kamau,E.M., Oketch,J.W., Ngoi,J.M., Agoti,C.N., Gichuki,A.M., Otieno,G.P., Ngama,M., Cane,P.A., Kellam,P., Cotten,M., Lemey,P. and Nokes,D.J.
EPI_ISL_2595703, EPI_ISL_2595704, EPI_ISL_2595705	Pediatrics, University of New Mexico	Pediatrics, University of New Mexico	Kothari,A., Kennedy,J.L., Schwalm,K.C., Putt,C., Denson,J.L. and Dinwiddie,D.L.
EPI_ISL_2595706, EPI_ISL_2595707, EPI_ISL_2595708, EPI_ISL_2595709, EPI_ISL_2595710, EPI_ISL_2595711, EPI_ISL_2595712	Marie Bashir Institute for Infectious Diseases and Biosecurity & Sydney Medical School, The University of Sydney, Westmead Institute for Medical Research	Marie Bashir Institute for Infectious Diseases and Biosecurity & Sydney Medical School, The University of Sydney, Westmead Institute for Medical Research	Eden,J.-S., Kok,J., Dwyer,D.E., Fernandez,M., Carter,I. and Holmes,E.C.
EPI_ISL_2595713	Department of Pediatrics, Center of Excellence in Clinical Virology, Chulalongkorn	Department of Pediatrics, Center of Excellence in Clinical Virology, Chulalongkorn	Thongpan,I.
EPI_ISL_2595714, EPI_ISL_2595715, EPI_ISL_2595716	Marie Bashir Institute for Infectious Diseases and Biosecurity & Sydney Medical School, The University of Sydney, Westmead Institute for Medical Research	Marie Bashir Institute for Infectious Diseases and Biosecurity & Sydney Medical School, The University of Sydney, Westmead Institute for Medical Research	Eden,J.-S., Kok,J., Dwyer,D.E., Fernandez,M., Carter,I. and Holmes,E.C.
EPI_ISL_2595717	J. Craig Venter Institute	J. Craig Venter Institute	
EPI_ISL_2595718, EPI_ISL_2595719	Marie Bashir Institute for Infectious Diseases and Biosecurity & Sydney Medical School, The University of Sydney, Westmead Institute for Medical Research	Marie Bashir Institute for Infectious Diseases and Biosecurity & Sydney Medical School, The University of Sydney, Westmead Institute for Medical Research	Eden,J.-S., Kok,J., Dwyer,D.E., Fernandez,M., Carter,I. and Holmes,E.C.
EPI_ISL_2595722	Department of Pediatrics, Center of Excellence in Clinical Virology, Chulalongkorn	Department of Pediatrics, Center of Excellence in Clinical Virology, Chulalongkorn	Thongpan,I.
EPI_ISL_2595723	Gansu Center for Disease Control and Prevention, Pathogen Laboratory	Gansu Center for Disease Control and Prevention, Pathogen Laboratory	Qiao,R., Chen,J., Wu,H. and Yu,D.
EPI_ISL_2595724	Laboratory Medicine, UW Virology	Laboratory Medicine, UW Virology	Lin,M.J., Tait,A. and Greninger,A.L.
EPI_ISL_2811729	Royal Children's Hospital	WHO Collaborating Centre for Reference and Research on Influenza	Jean Moselen, Annette Alafaci, Yi-Mo Deng, Ammar Aziz, Naomi Komadina
EPI_ISL_2835616	PathWest Laboratory Medicine WA Microbial Surveillance Unit	PathWest Laboratory Medicine WA Microbial Surveillance Unit	Chisha Sikazwe, Avram Levy, David Smith, Chris Blyth, Alice Michie, Cara Minney-Smith, David Speers
EPI_ISL_2839170, EPI_ISL_2839171, EPI_ISL_2839172, EPI_ISL_2839173, EPI_ISL_2839176, EPI_ISL_2839177	PathWest Laboratory Medicine WA Microbial Surveillance Unit	PathWest Laboratory Medicine WA Microbial Surveillance Unit	"Chisha Sikazwe, Avram Levy, David Smith, Chris Blyth, Alice Michie, Cara Minney-Smith, David Speers"
EPI_ISL_2839186, EPI_ISL_2839187, EPI_ISL_2839188, EPI_ISL_2839189	Centre for Infectious Diseases and Microbiology Laboratory Services	Centre for Infectious Diseases and Microbiology Laboratory Services	"John-Sebastian Eden, Jen Kok, Dominic Dwyer, Edward Holmes, Philip Britton, Alison Kesson, Elena Cutmore, Rachel Tulloch, Bethany Horsburgh"
EPI_ISL_2839190	Departments of Clinical Microbiology and Infectious Diseases	Centre for Infectious Diseases and Microbiology Laboratory Services	"John-Sebastian Eden, Jen Kok, Dominic Dwyer, Edward Holmes, Philip Britton, Alison Kesson, Elena Cutmore, Rachel Tulloch, Bethany Horsburgh"
EPI_ISL_2839196	Centre for Infectious Diseases and Microbiology Laboratory Services	Centre for Infectious Diseases and Microbiology Laboratory Services	"John-Sebastian Eden, Jen Kok, Dominic Dwyer, Edward Holmes, Philip Britton, Alison Kesson, Elena Cutmore, Rachel Tulloch, Bethany Horsburgh"
EPI_ISL_2839197	Departments of Clinical Microbiology and Infectious Diseases	Centre for Infectious Diseases and Microbiology Laboratory Services	"John-Sebastian Eden, Jen Kok, Dominic Dwyer, Edward Holmes, Philip Britton, Alison Kesson, Elena Cutmore, Rachel Tulloch, Bethany Horsburgh"
EPI_ISL_2839198	Centre for Infectious Diseases and Microbiology Laboratory Services	Centre for Infectious Diseases and Microbiology Laboratory Services	"John-Sebastian Eden, Jen Kok, Dominic Dwyer, Edward Holmes, Philip Britton, Alison Kesson, Elena Cutmore, Rachel Tulloch, Bethany Horsburgh"
EPI_ISL_2839199	PathWest Laboratory Medicine WA Microbial Surveillance Unit	PathWest Laboratory Medicine WA Microbial Surveillance Unit	"Chisha Sikazwe, Avram Levy, David Smith, Chris Blyth, Alice Michie, Cara Minney-Smith, David Speers"
EPI_ISL_2839201, EPI_ISL_2839202, EPI_ISL_2839203, EPI_ISL_2839204, EPI_ISL_2839205, EPI_ISL_2839206, EPI_ISL_2839207, EPI_ISL_2839208, EPI_ISL_2839209, EPI_ISL_2839210, EPI_ISL_2839211	Centre for Infectious Diseases and Microbiology Laboratory Services	Centre for Infectious Diseases and Microbiology Laboratory Services	"John-Sebastian Eden, Jen Kok, Dominic Dwyer, Edward Holmes, Philip Britton, Alison Kesson, Elena Cutmore, Rachel Tulloch, Bethany Horsburgh"
EPI_ISL_2839213, EPI_ISL_2839214, EPI_ISL_2839215, EPI_ISL_2839216,	Departments of Clinical Microbiology and Infectious Diseases	Centre for Infectious Diseases and Microbiology Laboratory Services	"John-Sebastian Eden, Jen Kok, Dominic Dwyer, Edward Holmes, Philip Britton, Alison Kesson, Elena Cutmore, Rachel Tulloch, Bethany Horsburgh"

EPI_ISL_2839217, EPI_ISL_2839218 EPI_ISL_2839219, EPI_ISL_2839220, EPI_ISL_2839221, EPI_ISL_2839222, EPI_ISL_2839223, EPI_ISL_2839224, EPI_ISL_2839225	Centre for Infectious Diseases and Microbiology Laboratory Services	Centre for Infectious Diseases and Microbiology Laboratory Services	"John-Sebastian Eden, Jen Kok, Dominic Dwyer, Edward Holmes, Philip Britton, Alison Kesson, Elena Cutmore, Rachel Tulloch, Bethany Horsburgh"
EPI_ISL_2839227, EPI_ISL_2839228, EPI_ISL_2839229, EPI_ISL_2839230, EPI_ISL_2839231, EPI_ISL_2839232, EPI_ISL_2839233, EPI_ISL_2839234	Departments of Clinical Microbiology and Infectious Diseases	Centre for Infectious Diseases and Microbiology Laboratory Services	"John-Sebastian Eden, Jen Kok, Dominic Dwyer, Edward Holmes, Philip Britton, Alison Kesson, Elena Cutmore, Rachel Tulloch, Bethany Horsburgh"
EPI_ISL_2839235, EPI_ISL_2839236, EPI_ISL_2839237, EPI_ISL_2839239, EPI_ISL_2839242, EPI_ISL_2839244, EPI_ISL_2839246, EPI_ISL_2839248, EPI_ISL_2839250, EPI_ISL_2839252, EPI_ISL_2839254, EPI_ISL_2839256, EPI_ISL_2839258, EPI_ISL_2839260, EPI_ISL_2839262, EPI_ISL_2839264, EPI_ISL_2839266, EPI_ISL_2839269, EPI_ISL_2839271, EPI_ISL_2839273, EPI_ISL_2839275, EPI_ISL_2839277, EPI_ISL_2839279, EPI_ISL_2839281, EPI_ISL_2839283, EPI_ISL_2839285, EPI_ISL_2839288, EPI_ISL_2839290, EPI_ISL_2839292			
see above	Centre for Infectious Diseases and Microbiology Laboratory Services	Centre for Infectious Diseases and Microbiology Laboratory Services	"John-Sebastian Eden, Jen Kok, Dominic Dwyer, Edward Holmes, Philip Britton, Alison Kesson, Elena Cutmore, Rachel Tulloch, Bethany Horsburgh"
EPI_ISL_2839294, EPI_ISL_2839296, EPI_ISL_2839298, EPI_ISL_2839300, EPI_ISL_2839302, EPI_ISL_2839304, EPI_ISL_2839306, EPI_ISL_2839308, EPI_ISL_2839310, EPI_ISL_2839312	Departments of Clinical Microbiology and Infectious Diseases	Centre for Infectious Diseases and Microbiology Laboratory Services	"John-Sebastian Eden, Jen Kok, Dominic Dwyer, Edward Holmes, Philip Britton, Alison Kesson, Elena Cutmore, Rachel Tulloch, Bethany Horsburgh"
EPI_ISL_2839313, EPI_ISL_2839316, EPI_ISL_2839318, EPI_ISL_2839320, EPI_ISL_2839322, EPI_ISL_2839324, EPI_ISL_2839326, EPI_ISL_2839328, EPI_ISL_2839330, EPI_ISL_2839332, EPI_ISL_2839334, EPI_ISL_2839337, EPI_ISL_2839339, EPI_ISL_2839341, EPI_ISL_2839343, EPI_ISL_2839345, EPI_ISL_2839347, EPI_ISL_2839349			
see above	Centre for Infectious Diseases and Microbiology Laboratory Services	Centre for Infectious Diseases and Microbiology Laboratory Services	"John-Sebastian Eden, Jen Kok, Dominic Dwyer, Edward Holmes, Philip Britton, Alison Kesson, Elena Cutmore, Rachel Tulloch, Bethany Horsburgh"
EPI_ISL_2839351, EPI_ISL_2839354, EPI_ISL_2839356	Departments of Clinical Microbiology and Infectious Diseases	Centre for Infectious Diseases and Microbiology Laboratory Services	"John-Sebastian Eden, Jen Kok, Dominic Dwyer, Edward Holmes, Philip Britton, Alison Kesson, Elena Cutmore, Rachel Tulloch, Bethany Horsburgh"
EPI_ISL_2839358, EPI_ISL_2839360, EPI_ISL_2839362	Centre for Infectious Diseases and Microbiology Laboratory Services	Centre for Infectious Diseases and Microbiology Laboratory Services	"John-Sebastian Eden, Jen Kok, Dominic Dwyer, Edward Holmes, Philip Britton, Alison Kesson, Elena Cutmore, Rachel Tulloch, Bethany Horsburgh"
EPI_ISL_2839364, EPI_ISL_2839372, EPI_ISL_2839397, EPI_ISL_2839398, EPI_ISL_2839399, EPI_ISL_2839400, EPI_ISL_2839401, EPI_ISL_2839402, EPI_ISL_2839403, EPI_ISL_2839404, EPI_ISL_2839405, EPI_ISL_2839406, EPI_ISL_2839407, EPI_ISL_2839408, EPI_ISL_2839409, EPI_ISL_2839410, EPI_ISL_2839411, EPI_ISL_2839412, EPI_ISL_2839413, EPI_ISL_2839414, EPI_ISL_2839415, EPI_ISL_2839418, EPI_ISL_2839438, EPI_ISL_2839439, EPI_ISL_2839440, EPI_ISL_2839441, EPI_ISL_2839443, EPI_ISL_2839444, EPI_ISL_2839445, EPI_ISL_2839446, EPI_ISL_2839447, EPI_ISL_2839448			
see above	PathWest Laboratory Medicine WA Microbial Surveillance Unit	PathWest Laboratory Medicine WA Microbial Surveillance Unit	"Chisha Sikazwe, Avram Levy, David Smith, Chris Blyth, Alice Michie, Cara Minney-Smith, David Speers"
EPI_ISL_2989613	Monash Medical Centre	WHO Collaborating Centre for Reference and Research on Influenza	Xiaomin Dong, Michelle Francis, Tony Korman, Yi-Mo Deng, Ammar Aziz, Naomi Komadina
EPI_ISL_2991498	PathWest Laboratory Medicine WA Microbial Surveillance Unit	PathWest Laboratory Medicine WA Microbial Surveillance Unit	Chisha Sikazwe, Avram Levy, David Smith, Chris Blyth, Alice Michie, Cara Minney-Smith, David Speers
EPI_ISL_412458	Centro de Salud Sócrates Flores Vivas	University of Edinburgh	Gordon, A., Alanis,R., Balmseda,A., Schiller,A., Patel,M., Kubale,J., Tan,G., Pickett,B., Fedorova,N., Amedeo,P., Hu,L., Christensen,J., Miller,J., Durbin,A., Williams,T., Arumemi,F., Cadiz,C., Williams, T.
EPI_ISL_412643	Virology Laboratory Ricardo Gutiérrez Children's Hospital	Virology Laboratory Ricardo Gutiérrez Children's Hospital	Goya, Stephanie.; Nabaes Jodar, Mercedes S.; Valinotto, Laura E.; Rojo, Gabriel L.; Zaiat, Jonathan; Marti, Marcelo A.; Mistchenko, Alicia S.; Viegas, M.
EPI_ISL_412857, EPI_ISL_412858	Virology Laboratory, Ricardo Gutiérrez Children's Hospital	Virology Laboratory, Ricardo Gutiérrez Children's Hospital / Vanderbilt University Medical Center	Goya, Stephanie; Lucion, Maria Florencia; Juarez, Maria del Valle; Shilts, Meghan; Gentile, Angela; Mistchenko, Alicia S.; Das, Suman & Viegas, Mariana
EPI_ISL_412859	WHO National Influenza Centre Russian Federation	WHO National Influenza Centre Russian Federation	Komissarova K., Fadeev A., Komissarov A., Krivitskaya V.
EPI_ISL_412865	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Microbiology Services Colindale, Public Health England	Zambon M
EPI_ISL_412866	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Microbiology Services Colindale, Public Health England	Zambon M.
EPI_ISL_413222, EPI_ISL_413353	Institut Pasteur de Madagascar	Institut Pasteur de Madagascar	Jean-Michel HERAUD
EPI_ISL_4602779	VIC, Victorian Infectious Diseases Reference Laboratory	WHO Collaborating Centre for Reference and Research on Influenza	Xiaomin Dong, Annette Alafaci, Yi-Mo Deng, Ammar Aziz, Naomi Komadina
EPI_ISL_5522630	Institut Pasteur de Côte d'Ivoire	WHO Collaborating Centre for Reference and Research on Influenza	Xiaomin Dong, Herve Kadjjo, Yi-Mo Deng, Ammar Aziz, Naomi Komadina
EPI_ISL_6174135, EPI_ISL_6174136	Cote d'Ivoire, Institut Pasteur de Cote d'Ivoire	WHO Collaborating Centre for Reference and Research on Influenza	Xiaomin Dong, Herve Kadjjo, Yi-Mo Deng, Ammar Aziz, Naomi Komadina
EPI_ISL_6208719, EPI_ISL_6208724, EPI_ISL_6208725, EPI_ISL_6208726, EPI_ISL_6208727	Egypt, Central Public Health Laboratory (CPHL)	WHO Collaborating Centre for Reference and Research on Influenza	Xiaomin Dong, Yi-Mo Deng, Amel Naguib, Naomi Komadina
EPI_ISL_6268619, EPI_ISL_6268624, EPI_ISL_6314483	Department of Respiratory Medicine, Wuhan Children's Hospital	CAS Key Laboratory of Special Pathogens and Biosafety, Chinese Academy of Sciences	Decheng Wang, Yi Yan, Ying Li, Xiaoxia Lu, Di Liu
EPI_ISL_6494783, EPI_ISL_6494784, EPI_ISL_6494785, EPI_ISL_6494787, EPI_ISL_6494788, EPI_ISL_6494792, EPI_ISL_6494793, EPI_ISL_6494794, EPI_ISL_6494796, EPI_ISL_6494800, EPI_ISL_6494805, EPI_ISL_6494806, EPI_ISL_6494807, EPI_ISL_6494808, EPI_ISL_6494809, EPI_ISL_6494811, EPI_ISL_6494815, EPI_ISL_6494816, EPI_ISL_6494818, EPI_ISL_6494819, EPI_ISL_6494820, EPI_ISL_6494821, EPI_ISL_6494822, EPI_ISL_6494823, EPI_ISL_6494824, EPI_ISL_6494909, EPI_ISL_6494911, EPI_ISL_6494935, EPI_ISL_6494953, EPI_ISL_6494954, EPI_ISL_6494955, EPI_ISL_6494957, EPI_ISL_6494958, EPI_ISL_6494960, EPI_ISL_6494962, EPI_ISL_6494963, EPI_ISL_6494965, EPI_ISL_6494966, EPI_ISL_6494967, EPI_ISL_6494970, EPI_ISL_6494971, EPI_ISL_6494973, EPI_ISL_6494974, EPI_ISL_6494975, EPI_ISL_6494976, EPI_ISL_6494977, EPI_ISL_6494979, EPI_ISL_6494980, EPI_ISL_6494981, EPI_ISL_6494983, EPI_ISL_6494984, EPI_ISL_6494985, EPI_ISL_6494988, EPI_ISL_6494991, EPI_ISL_6494992, EPI_ISL_6494993, EPI_ISL_6494995, EPI_ISL_6494996, EPI_ISL_6494997, EPI_ISL_6494998, EPI_ISL_6495001, EPI_ISL_6495003, EPI_ISL_6495004, EPI_ISL_6495007, EPI_ISL_6495008, EPI_ISL_6495009, EPI_ISL_6495010, EPI_ISL_732337, EPI_ISL_732338, EPI_ISL_732340, EPI_ISL_732341, EPI_ISL_732342, EPI_ISL_732344, EPI_ISL_732345, EPI_ISL_732346, EPI_ISL_732347, EPI_ISL_732348, EPI_ISL_732359, EPI_ISL_732360, EPI_ISL_732361, EPI_ISL_732368, EPI_ISL_732369, EPI_ISL_732372			
see above	Respiratory Virus Unit, National Infection Service, Public Health England	National Infection Service, Public Health England	Zambon M, Talts T, Ellis J, Miah S, Platt S
EPI_ISL_9003918	National Institute for Communicable Diseases of the National Health Laboratory Service	National Institute for Communicable Diseases of the National Health Laboratory Service	Amoako DG, Everatt J, Mohale T, Ntuli N, Mahlangu B, Mnguni A, Ismail A, Bhiman JN, Wolter N