

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

All Submitters of data may be contacted directly via [www.gisaid.org](http://www.gisaid.org)

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EPI_ISL_1074025, EPI_ISL_1074026, EPI_ISL_1074027, EPI_ISL_1074030, EPI_ISL_1074032, EPI_ISL_1074033, EPI_ISL_1074069, EPI_ISL_1074070, EPI_ISL_1074071, EPI_ISL_1074072, EPI_ISL_1074073, EPI_ISL_1074074, EPI_ISL_1074075, EPI_ISL_1074076, EPI_ISL_1074077, EPI_ISL_1074078, EPI_ISL_1074079, EPI_ISL_1074080, EPI_ISL_1074081, EPI_ISL_1074082, EPI_ISL_1074083, EPI_ISL_1074084, EPI_ISL_1074085, EPI_ISL_1074086, EPI_ISL_1074087, EPI_ISL_1074091, EPI_ISL_1074092, EPI_ISL_1074093, EPI_ISL_1074095, EPI_ISL_1074096, EPI_ISL_1074097, EPI_ISL_1074101, EPI_ISL_1074102, EPI_ISL_1074107, EPI_ISL_1074109, EPI_ISL_1074110, EPI_ISL_1074116, EPI_ISL_1074117, EPI_ISL_1074119, EPI_ISL_1074121, EPI_ISL_1074122, EPI_ISL_1074123, EPI_ISL_1074128, EPI_ISL_1074129, EPI_ISL_1074130, EPI_ISL_1074131, EPI_ISL_1074132, EPI_ISL_1074133, EPI_ISL_1074134, EPI_ISL_1074142, EPI_ISL_1074143, EPI_ISL_1074144, EPI_ISL_1074147, EPI_ISL_1074148, EPI_ISL_1074155, EPI_ISL_1074162, EPI_ISL_1074163, EPI_ISL_1074174, EPI_ISL_1074175, EPI_ISL_1074176, EPI_ISL_1074177, EPI_ISL_1074178, EPI_ISL_1074179, EPI_ISL_1074180, EPI_ISL_1074181, EPI_ISL_1074182, EPI_ISL_1074185, EPI_ISL_1074186, EPI_ISL_1074189, EPI_ISL_1074192, EPI_ISL_1074193, EPI_ISL_1074196, EPI_ISL_1074197, EPI_ISL_1074198, EPI_ISL_1074199, EPI_ISL_1074200, EPI_ISL_1074201, EPI_ISL_1074202, EPI_ISL_1074203, EPI_ISL_1074205, EPI_ISL_1074206, EPI_ISL_1074207, EPI_ISL_1074215, EPI_ISL_1074216, EPI_ISL_1074217, EPI_ISL_1074218, EPI_ISL_1074219, EPI_ISL_1074220, EPI_ISL_1074221, EPI_ISL_1074222, EPI_ISL_1074223, EPI_ISL_1074224, EPI_ISL_1074225, EPI_ISL_1074226, EPI_ISL_1074229, EPI_ISL_1074230, EPI_ISL_1074231, EPI_ISL_1074232, EPI_ISL_1074235, EPI_ISL_1074236, EPI_ISL_1074237, EPI_ISL_1074238, EPI_ISL_1074239, EPI_ISL_1074241, EPI_ISL_1074242, EPI_ISL_1074247, EPI_ISL_1074251, EPI_ISL_1074252, EPI_ISL_1074254, EPI_ISL_1074258, EPI_ISL_1074261, EPI_ISL_1074263, EPI_ISL_1074264, EPI_ISL_1074265, EPI_ISL_1074266, EPI_ISL_1074268, EPI_ISL_1074269, EPI_ISL_1074283, EPI_ISL_1074284, EPI_ISL_1074285, EPI_ISL_1074286, EPI_ISL_1074287, EPI_ISL_1074288, EPI_ISL_1074289, EPI_ISL_1074290, EPI_ISL_1074291, EPI_ISL_1074292, EPI_ISL_1074293, EPI_ISL_1074294, EPI_ISL_1074295, EPI_ISL_1074296, EPI_ISL_1074297, EPI_ISL_1074298, EPI_ISL_1074299, EPI_ISL_1074300	see above	Virology Laboratory, Ricardo Gutiérrez Children's Hospital	Vanderbilt University Medical Center / Virology Laboratory, Ricardo Gutiérrez Children's Hospital	Goya, Stephanie; Lucion, Maria Florencia; Juarez, Maria del Valle; Shilts, Meghan; Gentile, Angela; Mistchenko, Alicia S.; Das, Suman# & Viegas, Mariana# (#contributed equally to this study)
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EPI_ISL_15728620, EPI_ISL_15728621	Rahima Moosa	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
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EPI_ISL_15728632, EPI_ISL_15728633	Red Cross	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_15728634	Mitchells Plain	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_15750192, EPI_ISL_15750193, EPI_ISL_15750194, EPI_ISL_15750195	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_15750833, EPI_ISL_15750834, EPI_ISL_15750835, EPI_ISL_15750836, EPI_ISL_15750837, EPI_ISL_15750838, EPI_ISL_15750839	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_15751422	Pathology, Stanford University School of Medicine	Pathology, Stanford University School of Medicine	Huang,C., Doan,T., Sahoo,M.K., Pinsky,B.A.
EPI_ISL_15751943, EPI_ISL_15751944, EPI_ISL_15751945, EPI_ISL_15751946, EPI_ISL_15751947, EPI_ISL_15751948, EPI_ISL_15751949, EPI_ISL_15751950, EPI_ISL_15751951, EPI_ISL_15751952, EPI_ISL_15751953, EPI_ISL_15751954, EPI_ISL_15751955, EPI_ISL_15751956, EPI_ISL_15751957, EPI_ISL_15751958, EPI_ISL_15751959, EPI_ISL_15751960, EPI_ISL_15751961, EPI_ISL_15751962, EPI_ISL_15751963, EPI_ISL_15751964, EPI_ISL_15751965, EPI_ISL_15751966, EPI_ISL_15751967, EPI_ISL_15751968, EPI_ISL_15751969, EPI_ISL_15751970, EPI_ISL_15751971, EPI_ISL_15751972, EPI_ISL_15751973, EPI_ISL_15751974, EPI_ISL_15751975, EPI_ISL_15751976, EPI_ISL_15751977, EPI_ISL_15751978, EPI_ISL_15751979, EPI_ISL_15751980, EPI_ISL_15751981, EPI_ISL_15751982, EPI_ISL_15751983, EPI_ISL_15751984, EPI_ISL_15751985, EPI_ISL_15751986, EPI_ISL_15751987, EPI_ISL_15751988, EPI_ISL_15751989, EPI_ISL_15751990, EPI_ISL_15751991, EPI_ISL_15751992, EPI_ISL_15751993, EPI_ISL_15751994, EPI_ISL_15751995, EPI_ISL_15751996, EPI_ISL_15751997, EPI_ISL_15751998, EPI_ISL_15751999			

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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.
EPI_ISL_15752977, EPI_ISL_15752978, EPI_ISL_15752979, EPI_ISL_15752980, EPI_ISL_15752981, EPI_ISL_15752982, EPI_ISL_15752984, EPI_ISL_15752985, EPI_ISL_15752986, EPI_ISL_15752987, EPI_ISL_15752988, EPI_ISL_15752990, EPI_ISL_15752992, EPI_ISL_15752993, EPI_ISL_15752994, EPI_ISL_15752995, EPI_ISL_15752996, EPI_ISL_15752997, EPI_ISL_15752998, EPI_ISL_15752999, EPI_ISL_15753000, EPI_ISL_15753001, EPI_ISL_15753002, EPI_ISL_15753003, EPI_ISL_15753005, EPI_ISL_15753006, EPI_ISL_15753007, EPI_ISL_15753008, EPI_ISL_15753009, EPI_ISL_15753010, EPI_ISL_15753011, EPI_ISL_15753012, EPI_ISL_15753013, EPI_ISL_15753014, EPI_ISL_15753015, EPI_ISL_15753016, EPI_ISL_15753017, EPI_ISL_15753018, EPI_ISL_15753019, EPI_ISL_15753020, EPI_ISL_15753021, EPI_ISL_15753022, EPI_ISL_15753023, EPI_ISL_15753024, EPI_ISL_15753025, EPI_ISL_15753027, EPI_ISL_15753028, EPI_ISL_15753029, EPI_ISL_15753030, EPI_ISL_15753032, EPI_ISL_15753035, EPI_ISL_15753036, EPI_ISL_15753037, EPI_ISL_15753038, EPI_ISL_15753039, EPI_ISL_15753040, EPI_ISL_15753041, EPI_ISL_15753043, EPI_ISL_15753044, EPI_ISL_15753045, EPI_ISL_15753046, EPI_ISL_15753048, EPI_ISL_15753049, EPI_ISL_15753050, EPI_ISL_15753051, EPI_ISL_15753052, EPI_ISL_15753053, EPI_ISL_15753054, EPI_ISL_15753055, EPI_ISL_15753056, EPI_ISL_15753058, EPI_ISL_15753059, EPI_ISL_15753060, EPI_ISL_15753061, EPI_ISL_15753062, EPI_ISL_15753064, EPI_ISL_15753066, EPI_ISL_15753067, EPI_ISL_15753068, EPI_ISL_15753069, EPI_ISL_15753071, EPI_ISL_15753072, EPI_ISL_15753073, EPI_ISL_15753074, EPI_ISL_15753075, EPI_ISL_15753076, EPI_ISL_15753077, EPI_ISL_15753078, EPI_ISL_15753079, EPI_ISL_15753080, EPI_ISL_15753082, EPI_ISL_15753083, EPI_ISL_15753084, EPI_ISL_15753085, EPI_ISL_15753086, EPI_ISL_15753087, EPI_ISL_15753088, EPI_ISL_15753089, EPI_ISL_15753090, EPI_ISL_15753091, EPI_ISL_15753092, EPI_ISL_15753093, EPI_ISL_15753094, EPI_ISL_15753096, EPI_ISL_15753097, EPI_ISL_15753098, EPI_ISL_15753099, EPI_ISL_15753100, EPI_ISL_15753101, EPI_ISL_15753103, EPI_ISL_15753104, EPI_ISL_15753105, EPI_ISL_15753106, EPI_ISL_15753107, EPI_ISL_15753109, EPI_ISL_15753110, EPI_ISL_15753111, EPI_ISL_15753112, EPI_ISL_15753114, EPI_ISL_15753115, EPI_ISL_15753116, EPI_ISL_15753117, EPI_ISL_15753118, EPI_ISL_15753119, EPI_ISL_15753121, EPI_ISL_15753122, EPI_ISL_15753124, EPI_ISL_15753125, EPI_ISL_15753126, EPI_ISL_15753127, EPI_ISL_15753128, EPI_ISL_15753129, EPI_ISL_15753132, EPI_ISL_15753133, EPI_ISL_15753134, EPI_ISL_15753135, EPI_ISL_15753137, EPI_ISL_15753139, EPI_ISL_15753140, EPI_ISL_15753141, EPI_ISL_15753142, EPI_ISL_15753144, EPI_ISL_15753145, EPI_ISL_15753146, EPI_ISL_15753147, EPI_ISL_15753148, EPI_ISL_15753150, EPI_ISL_15753151, EPI_ISL_15753152, EPI_ISL_15753153, EPI_ISL_15753154, EPI_ISL_15753155, EPI_ISL_15753156, EPI_ISL_15753158, EPI_ISL_15753159, EPI_ISL_15753161, EPI_ISL_15753162, EPI_ISL_15753163, EPI_ISL_15753164, EPI_ISL_15753165, EPI_ISL_15753166, EPI_ISL_15753167, EPI_ISL_15753168, EPI_ISL_15753170, EPI_ISL_15753171, EPI_ISL_15753172, EPI_ISL_15753174, EPI_ISL_15753175, EPI_ISL_15753177, EPI_ISL_15753178, EPI_ISL_15753179, EPI_ISL_15753180, EPI_ISL_15753181, EPI_ISL_15753182, EPI_ISL_15753184, EPI_ISL_15753185, EPI_ISL_15753186, EPI_ISL_15753187, EPI_ISL_15753188, EPI_ISL_15753189, EPI_ISL_15753190, EPI_ISL_15753192, EPI_ISL_15753193, EPI_ISL_15753194, EPI_ISL_15753195, EPI_ISL_15753196, EPI_ISL_15753197, EPI_ISL_15753198, EPI_ISL_15753199, EPI_ISL_15753201, EPI_ISL_15753202, EPI_ISL_15753203, EPI_ISL_15753204, EPI_ISL_15753205, EPI_ISL_15753206, EPI_ISL_15753207, EPI_ISL_15753208, EPI_ISL_15753209, EPI_ISL_15753210, EPI_ISL_15753211, EPI_ISL_15753212, EPI_ISL_15753213, EPI_ISL_15753214, EPI_ISL_15753215, EPI_ISL_15753219, EPI_ISL_15753220, EPI_ISL_15753221, EPI_ISL_15753223, EPI_ISL_15753224, EPI_ISL_15753225, EPI_ISL_15753226, EPI_ISL_15753228, EPI_ISL_15753229, EPI_ISL_15753230, EPI_ISL_15753231, EPI_ISL_15753232, EPI_ISL_15753233, EPI_ISL_15753234, EPI_ISL_15753236, EPI_ISL_15753237, EPI_ISL_15753239, EPI_ISL_15753240, EPI_ISL_15753241, EPI_ISL_15753242, EPI_ISL_15753244, EPI_ISL_15753245, EPI_ISL_15753246, EPI_ISL_15753247, EPI_ISL_15753248, EPI_ISL_15753249, EPI_ISL_15753250, EPI_ISL_15753251			
see above	Department of Paediatrics, University of Oxford	Department of Paediatrics, University of Oxford	Lin,G.-L., Drysdale,S.B., Snape,M.D., O'apos;Connor,D., Brown,A., MacIntyre-Cockett,G., Mellado-Gomez,E., de Cesare,M., Bonsall,D., Ansari,M.A., Oner,D., Aerssens,J., Butler,C., Bont,L., Openshaw,P., Martinon-Torres,F., Nair,H., Bowden,R., Golubchik,T., Pollard,A.J., Lin,G.-L.
EPI_ISL_15753573	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., Simkina,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_15753578, EPI_ISL_15753579, EPI_ISL_15753580	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,A.V., Leonova,N.V., Murashkina,T.A., Solomatina,M.V., Derko,A.A., Saroyan,T.A., Tupikin,A.E., Sharshov,K.A., Shestopalov,A.M.
EPI_ISL_15771617, EPI_ISL_15771618, EPI_ISL_15771621, EPI_ISL_15771622, EPI_ISL_15771625, EPI_ISL_15771626, EPI_ISL_15771628, EPI_ISL_15771630	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_15772196	Laboratory Medicine, UW Virology	Laboratory Medicine, UW Virology	Sereewit,J., Xie,H. and Greninger,A.
EPI_ISL_15773988, EPI_ISL_15773989, EPI_ISL_15774005, EPI_ISL_15774019, EPI_ISL_15774028, EPI_ISL_15774034, EPI_ISL_15774036, EPI_ISL_15774037, EPI_ISL_15774040, EPI_ISL_15774041, EPI_ISL_15774044, EPI_ISL_15774048, EPI_ISL_15774051, EPI_ISL_15774052, EPI_ISL_15774055, EPI_ISL_15774057, EPI_ISL_15774061, EPI_ISL_15774069			
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_15820265	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_15895059	Laboratorio Central de Saude Publica do Estado do Rio Grande do Sul (LACENRS)	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 Scalloni, Anderson Brandao Leite, Marilda Siqueira on behalf of the Fiocruz COVID-19 Genomic Surveillance Network
EPI_ISL_15895095	Laboratorio Central de Saude Publica do Estado do Espirito 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 Scalloni, Rodrigo Ribeiro Rodrigues, Marilda Siqueira on behalf of the Fiocruz COVID-19 Genomic Surveillance Network
EPI_ISL_15895128	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 Scalloni, Ana Helena Perosa, Gabriela Rodrigues Barbosa, Nancy Bellei e Marilda Siqueira on behalf of the Fiocruz COVID-19 Genomic Surveillance Network
EPI_ISL_15896140	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_15896142, EPI_ISL_15896147, EPI_ISL_15896153, EPI_ISL_15896154	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_15896157	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_15896163	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_15896165	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_15896173, EPI_ISL_15896174	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_15896180, EPI_ISL_15896184, EPI_ISL_15896185	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_15896190, EPI_ISL_15896191, EPI_ISL_15896192	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_15896196, EPI_ISL_15896197	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_15896200, EPI_ISL_15896201	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_15896204, EPI_ISL_15896205, EPI_ISL_15896206, EPI_ISL_15896207, EPI_ISL_15896208, EPI_ISL_15896209	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_15896210, EPI_ISL_15896212, EPI_ISL_15896214, EPI_ISL_15896215, EPI_ISL_15896216, EPI_ISL_15896217, EPI_ISL_15896219, EPI_ISL_15896220, EPI_ISL_15896221	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_15896223, EPI_ISL_15896224,	NT, Royal Darwin Hospital	WHO Collaborating Centre for Reference and Research on	Xiaomin Dong, Steven Edwards, Yi-Mo Deng, Ammar Aziz, Ian Barr

EPI_ISL_15896225, EPI_ISL_15896226, EPI_ISL_15896227, EPI_ISL_15896228, EPI_ISL_15896229	Influenza		
EPI_ISL_15896230, EPI_ISL_15896231, EPI_ISL_15896232, EPI_ISL_15896233, EPI_ISL_15896235, EPI_ISL_15896236, EPI_ISL_15896237, EPI_ISL_15896238, EPI_ISL_15896239, EPI_ISL_15896240, EPI_ISL_15896241, EPI_ISL_15896242			
see above	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_15896243, EPI_ISL_15896244, EPI_ISL_15896245, EPI_ISL_15896246, EPI_ISL_15896247, EPI_ISL_15896248	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_15896249, EPI_ISL_15896250, EPI_ISL_15896251, EPI_ISL_15896252, EPI_ISL_15896253, EPI_ISL_15896254, EPI_ISL_15896255, EPI_ISL_15896256, EPI_ISL_15896258, EPI_ISL_15896259, EPI_ISL_15896260, EPI_ISL_15896261, EPI_ISL_15896262			
see above	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_15896263, EPI_ISL_15896264, EPI_ISL_15896265, EPI_ISL_15896266, EPI_ISL_15896267, EPI_ISL_15896268, EPI_ISL_15896269, EPI_ISL_15896270, EPI_ISL_15896271, EPI_ISL_15896272, EPI_ISL_15896273, EPI_ISL_15896274			
see above	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_15896275, EPI_ISL_15896276, EPI_ISL_15896277, EPI_ISL_15896278	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_15896279, EPI_ISL_15896280, EPI_ISL_15896281, EPI_ISL_15896282, EPI_ISL_15896283, EPI_ISL_15896284, EPI_ISL_15896285, EPI_ISL_15896286, EPI_ISL_15896287, EPI_ISL_15896288	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_15896289, EPI_ISL_15896290, EPI_ISL_15896291	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_15896292, EPI_ISL_15896293, EPI_ISL_15896295, EPI_ISL_15896296	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_15896297, EPI_ISL_15896298	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_15896299, EPI_ISL_15896300	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_16006110, EPI_ISL_16006111, EPI_ISL_16006112, EPI_ISL_16006114, EPI_ISL_16006115, EPI_ISL_16006116, EPI_ISL_16006117, EPI_ISL_16006118	Laboratory of Virology - Institute of Public Health Skopje, Macedonia	Laboratory of Virology - Institute of Public Health Skopje, Macedonia	Teodora Buzharova, Golubinka Boshevska, Elizabeta Jancheska
EPI_ISL_16132314, EPI_ISL_16132315, EPI_ISL_16132317, EPI_ISL_16132318, EPI_ISL_16132319, EPI_ISL_16132320, EPI_ISL_16132321, EPI_ISL_16132322, EPI_ISL_16132323, EPI_ISL_16132324, EPI_ISL_16132325, EPI_ISL_16132326, EPI_ISL_16132327			
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_16132380, EPI_ISL_16132381, EPI_ISL_16132383	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_16132413, EPI_ISL_16132414, EPI_ISL_16132415, EPI_ISL_16132416, EPI_ISL_16132417, EPI_ISL_16132418, EPI_ISL_16132419, EPI_ISL_16132420	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_16132421	University of Washington Laboratory Medicine and Pathology, UW Medicine	University of Washington Laboratory Medicine and Pathology, UW Medicine	Goya,S., Sereewit,J., Pfalmer,D., Nguyen,T., Sobolik,E.B. and Greninger,A.L.
EPI_ISL_1647470, EPI_ISL_1647471, EPI_ISL_1647472, EPI_ISL_1647473, EPI_ISL_1647474, EPI_ISL_1647475, EPI_ISL_1647476, EPI_ISL_1647477, EPI_ISL_1647478, EPI_ISL_1647479, EPI_ISL_1647480, EPI_ISL_1647481, EPI_ISL_1647482, EPI_ISL_1647483, EPI_ISL_1647484, EPI_ISL_1647485, EPI_ISL_1647486, EPI_ISL_1647487, EPI_ISL_1647488, EPI_ISL_1647489			
see above	Instituto Nacional de Saude	WHO Influenza Centre for Reference and Research on Influenza	Angela Todd, Yi-Mo Deng, Almiro Rogerio Tivane, Naomi Komadina
EPI_ISL_1647490, EPI_ISL_1647491, EPI_ISL_1647492, EPI_ISL_1647493, EPI_ISL_1647494, EPI_ISL_1647495, EPI_ISL_1647496, EPI_ISL_1647497, EPI_ISL_1647498, EPI_ISL_1647499, EPI_ISL_1647500, EPI_ISL_1647501, EPI_ISL_1647502, EPI_ISL_1647503, EPI_ISL_1647504, EPI_ISL_1647505, EPI_ISL_1647506, EPI_ISL_1647507, EPI_ISL_1647508, EPI_ISL_1647509, EPI_ISL_1647510, EPI_ISL_1647511, EPI_ISL_1647512, EPI_ISL_1647513, EPI_ISL_1647514, EPI_ISL_1647515, EPI_ISL_1647516, EPI_ISL_1647517, EPI_ISL_1647518, EPI_ISL_1647519, EPI_ISL_1647520, EPI_ISL_1647521, EPI_ISL_1647522, EPI_ISL_1647523, EPI_ISL_1647524, EPI_ISL_1647525, EPI_ISL_1647526, EPI_ISL_1647527, EPI_ISL_1647528, EPI_ISL_1647529, EPI_ISL_1647530, EPI_ISL_1647531, EPI_ISL_1647532, EPI_ISL_1647533, EPI_ISL_1647534, EPI_ISL_1647535, EPI_ISL_1647536, EPI_ISL_1647537, EPI_ISL_1647538, EPI_ISL_1647539, EPI_ISL_1647540, EPI_ISL_1647541, EPI_ISL_1647542, EPI_ISL_1647543, EPI_ISL_1647544, EPI_ISL_1647545, EPI_ISL_1647546, EPI_ISL_1647547, EPI_ISL_1647548, EPI_ISL_1647549, EPI_ISL_1647550, EPI_ISL_1647551, EPI_ISL_1647552, EPI_ISL_1647553, EPI_ISL_1647554, EPI_ISL_1647555, EPI_ISL_1647556, EPI_ISL_1647557, EPI_ISL_1647558, EPI_ISL_1647559, EPI_ISL_1647560, EPI_ISL_1647561, EPI_ISL_1647562, EPI_ISL_1647563, EPI_ISL_1647564, EPI_ISL_1647565, EPI_ISL_1647566, EPI_ISL_1647567, EPI_ISL_1647568, EPI_ISL_1647569, EPI_ISL_1647570, EPI_ISL_1647571, EPI_ISL_1647572, EPI_ISL_1647573, EPI_ISL_1647574, EPI_ISL_1647575, EPI_ISL_1647576, EPI_ISL_1647577, EPI_ISL_1647578, EPI_ISL_1647579, EPI_ISL_1647580, EPI_ISL_1647581, EPI_ISL_1647582, EPI_ISL_1647583, EPI_ISL_1647584, EPI_ISL_1647585, EPI_ISL_1647586, EPI_ISL_1647587, EPI_ISL_1647588, EPI_ISL_1647589, EPI_ISL_1647590, EPI_ISL_1647591, EPI_ISL_1647592, EPI_ISL_1647593, EPI_ISL_1647594, EPI_ISL_1647595, EPI_ISL_1647596, EPI_ISL_1647597, EPI_ISL_1647598, EPI_ISL_1647599, EPI_ISL_1647600			
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_1653993, EPI_ISL_1653994, EPI_ISL_1653995, EPI_ISL_1653996, EPI_ISL_1653997, EPI_ISL_1653998, EPI_ISL_1653999	Royal Children's Hospital	WHO Influenza Centre for Reference and Research on Influenza	Angela Todd, Yi-Mo Deng, Annette Alafaci, Naomi Komadina
EPI_ISL_1760383, EPI_ISL_1760384, EPI_ISL_1760385, EPI_ISL_1760386, EPI_ISL_1760387, EPI_ISL_1760388, EPI_ISL_1760389, EPI_ISL_1760390, EPI_ISL_1760391, EPI_ISL_1760392, EPI_ISL_1760393, EPI_ISL_1760394, EPI_ISL_1760395, EPI_ISL_1760396, EPI_ISL_1760397, EPI_ISL_1760398, EPI_ISL_1760399, EPI_ISL_1760400, EPI_ISL_1760401, EPI_ISL_1760402, EPI_ISL_1760403, EPI_ISL_1760404, EPI_ISL_1760405, EPI_ISL_1760406, EPI_ISL_1760407, EPI_ISL_1760408, EPI_ISL_1760409, EPI_ISL_1760410, EPI_ISL_1760411, EPI_ISL_1760412, EPI_ISL_1760413, EPI_ISL_1760414, EPI_ISL_1760415, EPI_ISL_1760416, EPI_ISL_1760417, EPI_ISL_1760418, EPI_ISL_1760419, EPI_ISL_1760420, EPI_ISL_1760421, EPI_ISL_1760422, EPI_ISL_1760423, EPI_ISL_1760424, EPI_ISL_1760425, EPI_ISL_1760426, EPI_ISL_1760427, EPI_ISL_1760428, EPI_ISL_1760429, EPI_ISL_1760430, EPI_ISL_1760431, EPI_ISL_1760432, EPI_ISL_1760433, EPI_ISL_1760434, EPI_ISL_1760435, EPI_ISL_1760436, EPI_ISL_1760437, EPI_ISL_1760438, EPI_ISL_1760439, EPI_ISL_1760440, EPI_ISL_1760441, EPI_ISL_1760442, EPI_ISL_1760443, EPI_ISL_1760444			
see above	Royal Children's Hospital, 50 Flemington Rd., Park	WHO Influenza Centre for Reference and Research on Influenza	Angela Todd, Yi-Mo Deng, Annette Alafaci, Naomi Komadina
EPI_ISL_1834174, EPI_ISL_1834175, EPI_ISL_1834176, EPI_ISL_1834177, EPI_ISL_1834178, EPI_ISL_1834179, EPI_ISL_1834180, EPI_ISL_1834181, EPI_ISL_1834182, EPI_ISL_1834183, EPI_ISL_1834184			
see above	Respiratory Virus Unit, National Infection Service, Public	National Infection Service, Public Health England	Zambon M, Talts T, Ellis J, Miah S, Platt S

EPI_ISL_2156815, EPI_ISL_2156816, EPI_ISL_2156817, EPI_ISL_2156818, EPI_ISL_2156819, EPI_ISL_2156820	Health England Royal Children's Hospital	WHO Influenza Centre for Reference and Research on Influenza	Angela Todd, Yi-Mo Deng, Annette Alafaci, Naomi Komadina
EPI_ISL_2543763	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_2543848	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_2543849, EPI_ISL_2543850, EPI_ISL_2543851, EPI_ISL_2543852, EPI_ISL_2543853	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_2543854, EPI_ISL_2543855, EPI_ISL_2543856, EPI_ISL_2543857, EPI_ISL_2543858, EPI_ISL_2543859	Institut Pasteur de Cote d'Ivoire	WHO Collaborating Centre for Reference and Research on Influenza	Xiaomin Dong, Herve Kadjo, Yi-Mo Deng, Ammar Aziz, Naomi Komadina
EPI_ISL_2543860, EPI_ISL_2543861, EPI_ISL_2543862, EPI_ISL_2543863, EPI_ISL_2543864, EPI_ISL_2543865, EPI_ISL_2543866, EPI_ISL_2543867, EPI_ISL_2543868, EPI_ISL_2543869, EPI_ISL_2543870, EPI_ISL_2543871, EPI_ISL_2543872, EPI_ISL_2543873, EPI_ISL_2543874, EPI_ISL_2543875, EPI_ISL_2543876, EPI_ISL_2543877, EPI_ISL_2543878, EPI_ISL_2543879, EPI_ISL_2543880, EPI_ISL_2543881, EPI_ISL_2543882, EPI_ISL_2543883, EPI_ISL_2543884, EPI_ISL_2543885, EPI_ISL_2543886, EPI_ISL_2543887, EPI_ISL_2543888, EPI_ISL_2543889	see above	WHO Collaborating Centre for Reference and Research on Influenza	Xiaomin Dong, Darmaa Bardach, Yi-Mo Deng, Ammar Aziz, Naomi Komadina
EPI_ISL_2543890	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_2544066, EPI_ISL_2544067	KEMRI Wellcome Trust Research Programme	KEMRI Wellcome Trust Research Programme	Agoti,C.N., Otieno,J.R., Munywoki,P.K., Mwhuri,A.G., Cane,P.A., Nokes,D.J., Kellam,P. and Cotten,M.L.
EPI_ISL_2544090, EPI_ISL_2544091, EPI_ISL_2544092, EPI_ISL_2544093, EPI_ISL_2544094	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_2544100, EPI_ISL_2544101, EPI_ISL_2544102, EPI_ISL_2544103, EPI_ISL_2544104	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., Sukumaran,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_2544106	Medical Microbiology, University Medical Center Utrecht	Medical Microbiology, University Medical Center Utrecht	Tan,L., Viveen,M.C., Lemey,P. and Coenjaerts,F.E.
EPI_ISL_2544107	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., Neumann-Haefelin,D., Wentworth,D.E. and Henrickson,K.J.
EPI_ISL_2544108	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_2544109, EPI_ISL_2544110, EPI_ISL_2544111, EPI_ISL_2544112, EPI_ISL_2544113, EPI_ISL_2544114, EPI_ISL_2544115	Medical Microbiology, University Medical Center Utrecht	Medical Microbiology, University Medical Center Utrecht	Tan,L., Viveen,M.C., Lemey,P. and Coenjaerts,F.E.
EPI_ISL_2544121, EPI_ISL_2544122, EPI_ISL_2544123, EPI_ISL_2544124, EPI_ISL_2544125, EPI_ISL_2544126	Reference Microbiology, Public Health England National Infection Services	Reference Microbiology, Public Health England National Infection Services	Valappil,M., Talts,T., Ellis,J., Sails,A., Eltringham,G., Waugh,S., Gould,K., Harrison,I., Pebody,R. and Zambon,M.
EPI_ISL_2544137, EPI_ISL_2544138	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. and Henrickson,K.J.
EPI_ISL_2544141, EPI_ISL_2544142, EPI_ISL_2544143, EPI_ISL_2544144, EPI_ISL_2544145, EPI_ISL_2544146	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_2544147	Lab Medicine, UW	Lab Medicine, UW	Greninger,A.L., Makhsous,N., Kuypers,J.M., Shean,R.C. and Jerome,K.R.
EPI_ISL_2544148, EPI_ISL_2544149, EPI_ISL_2544150	Pediatrics, UT Southwestern Medical Center	Pediatrics, UT Southwestern Medical Center	Levitz,R., Gao,Y., Dozmorov,I., Song,R., Wakeland,E.K. and Kahn,J.S.
EPI_ISL_2544151	MedImmune	MedImmune	Cheng,X., Park,H. and Jin,H.
EPI_ISL_2544152	St. Louis University Medical Center	Viral Vaccine Research	R. Belshe, Karron,R.A., Buonagurio,D.A., Georgiu,A.F., Whitehead,S.S., Adamus,J.E., Clements-Mann,M.L., Harris,D.O., Randolph,V.B., Udem,S.A., Murphy,B.R. and Sidhu,M.S.
EPI_ISL_2544153, EPI_ISL_2544154, EPI_ISL_2544155, EPI_ISL_2544156	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_2544157, EPI_ISL_2544158, EPI_ISL_2544159, EPI_ISL_2544160, EPI_ISL_2544161, EPI_ISL_2544162	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_2544163, EPI_ISL_2544164, EPI_ISL_2544165	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_2544171, EPI_ISL_2544172	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_2544173, EPI_ISL_2544174, EPI_ISL_2544175, EPI_ISL_2544176, EPI_ISL_2544177, EPI_ISL_2544178	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_2544180, EPI_ISL_2544181	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., Videla,C., Wentworth,D.E. and Henrickson,K.J.
EPI_ISL_2544184	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., Mitchenko,A.S. and Viegas,M.
EPI_ISL_2544185	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., Mitchenko,A.S. and Viegas,M.
EPI_ISL_2544186	Virology Laboratory, Dr. Ricardo Gutierrez Children Hospital	Virology Laboratory, Dr. Ricardo Gutierrez Children Hospital	Goya,S., Rojo,G.L., Valinotto,L.E., Mitchenko,A.S. and Viegas,M.
EPI_ISL_2544188, EPI_ISL_2544189	Microbiology, Institute of Biological Sciences, Universeity of Sao Paulo	Microbiology, Institute of Biological Sciences, Universeity of Sao Paulo	Di Paola,N., Cunha,M.P., Oliveira,D.B.L., Durigon,E., Durigon,G.S. and Zanotto,P.M.A.

EPI_ISL_2544190, EPI_ISL_2544191, EPI_ISL_2544192	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_2558779, EPI_ISL_2558785, EPI_ISL_2558786, EPI_ISL_2558799	Kazuya Shirato National Institute of Infectious Diseases, Virology III	Kazuya Shirato National Institute of Infectious Diseases, Virology III	Shirato,K., Sato,K., Dapat,I., Nao,N., Omiya,S., Matsuyama,S., Takeda,M. and Nishimura,H.
EPI_ISL_2558800	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_2558884	Kazuya Shirato National Institute of Infectious Diseases, Virology III	Kazuya Shirato National Institute of Infectious Diseases, Virology III	Shirato,K., Sato,K., Dapat,I., Nao,N., Omiya,S., Matsuyama,S., Takeda,M. and Nishimura,H.
EPI_ISL_2558885	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_2558886, EPI_ISL_2558887, EPI_ISL_2558888, EPI_ISL_2558895, EPI_ISL_2558896, EPI_ISL_2558897, EPI_ISL_2558898, EPI_ISL_2558899, EPI_ISL_2558900, EPI_ISL_2558901, EPI_ISL_2558902, EPI_ISL_2558903, EPI_ISL_2558904, EPI_ISL_2558905, EPI_ISL_2558907, EPI_ISL_2558908	see above	see above	Shirato,K., Sato,K., Dapat,I., Nao,N., Omiya,S., Matsuyama,S., Takeda,M. and Nishimura,H.
EPI_ISL_2558919	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_2558924, EPI_ISL_2558925, EPI_ISL_2558926	Kazuya Shirato National Institute of Infectious Diseases, Virology III	Kazuya Shirato National Institute of Infectious Diseases, Virology III	Shirato,K., Sato,K., Dapat,I., Nao,N., Omiya,S., Matsuyama,S., Takeda,M. and Nishimura,H.
EPI_ISL_2558927	Lab Medicine, UW	Lab Medicine, UW	Greninger,A.L., Makhsous,N., Kuypers,J.M., Shean,R.C. and Jerome,K.R.
EPI_ISL_2558934, EPI_ISL_2558935, EPI_ISL_2558936	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_2558971	Lab Medicine, UW	Lab Medicine, UW	Greninger,A.L., Makhsous,N., Kuypers,J.M., Shean,R.C. and Jerome,K.R.
EPI_ISL_2558973, EPI_ISL_2558974, EPI_ISL_2558975, EPI_ISL_2558976	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_2558985	Koichi Hashimoto Fukushima Medical University, Department of Pediatrics, School of Medicine	Koichi Hashimoto Fukushima Medical University, Department of Pediatrics, School of Medicine	Fukuyama,Y., Takeshita,F., Norito,S., Hashimoto,K. and Hosoya,M.
EPI_ISL_2558987	Department of Infectious Diseases and Pathobiology, Institute of Virology and Immunology (IVI)	Department of Infectious Diseases and Pathobiology, Institute of Virology and Immunology (IVI)	Thao,T.T.N., Labrousaa,F., Ebert,N., Stalder,H., Dijkman,R., Jores,J., Thiel,V., Bittel,P., Suter-Riniker,F. and Kelly,J.
EPI_ISL_2559009, EPI_ISL_2559010, EPI_ISL_2559011	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_2559012	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_2559013, EPI_ISL_2559014, EPI_ISL_2559015, EPI_ISL_2559016, EPI_ISL_2559017, EPI_ISL_2559018, EPI_ISL_2559019, EPI_ISL_2559069, EPI_ISL_2559070, EPI_ISL_2559071	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_2559073	Kazuya Shirato National Institute of Infectious Diseases, Virology III	Kazuya Shirato National Institute of Infectious Diseases, Virology III	Shirato,K., Sato,K., Dapat,I., Nao,N., Omiya,S., Matsuyama,S., Takeda,M. and Nishimura,H.
EPI_ISL_2559080	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_2559081, EPI_ISL_2560801, EPI_ISL_2560802	Kazuya Shirato National Institute of Infectious Diseases, Virology III	Kazuya Shirato National Institute of Infectious Diseases, Virology III	Shirato,K., Sato,K., Dapat,I., Nao,N., Omiya,S., Matsuyama,S., Takeda,M. and Nishimura,H.
EPI_ISL_2560803	Lab Medicine, UW	Lab Medicine, UW	Greninger,A.L., Makhsous,N., Kuypers,J.M., Shean,R.C. and Jerome,K.R.
EPI_ISL_2560804	Virology, University of Washington	Virology, University of Washington	Greninger,A.L., Shean,R.C. and Makhsous,N.
EPI_ISL_2560805	Laboratory Medicine, UW Virology	Laboratory Medicine, UW Virology	Greninger,A.L., Tait,A. and Makhsous,N.
EPI_ISL_2560806	Lab Medicine, UW	Lab Medicine, UW	Greninger,A.L., Makhsous,N., Kuypers,J.M., Shean,R.C. and Jerome,K.R.
EPI_ISL_2560807	Kazuya Shirato National Institute of Infectious Diseases, Virology III	Kazuya Shirato National Institute of Infectious Diseases, Virology III	Shirato,K., Sato,K., Dapat,I., Nao,N., Omiya,S., Matsuyama,S., Takeda,M. and Nishimura,H.
EPI_ISL_2560808, EPI_ISL_2560809, EPI_ISL_2560815, EPI_ISL_2560837	Lab Medicine, UW	Lab Medicine, UW	Greninger,A.L., Makhsous,N., Kuypers,J.M., Shean,R.C. and Jerome,K.R.
EPI_ISL_2560838	Kazuya Shirato National Institute of Infectious Diseases, Virology III	Kazuya Shirato National Institute of Infectious Diseases, Virology III	Shirato,K., Sato,K., Dapat,I., Nao,N., Omiya,S., Matsuyama,S., Takeda,M. and Nishimura,H.
EPI_ISL_2560839	Lab Medicine, UW	Lab Medicine, UW	Greninger,A.L., Makhsous,N., Kuypers,J.M., Shean,R.C. and Jerome,K.R.
EPI_ISL_2561008, EPI_ISL_2561009, EPI_ISL_2561010	Kazuya Shirato National Institute of Infectious Diseases, Virology III	Kazuya Shirato National Institute of Infectious Diseases, Virology III	Shirato,K., Sato,K., Dapat,I., Nao,N., Omiya,S., Matsuyama,S., Takeda,M. and Nishimura,H.
EPI_ISL_2561401	Lab Medicine, UW	Lab Medicine, UW	Greninger,A.L., Makhsous,N., Kuypers,J.M., Shean,R.C. and Jerome,K.R.
EPI_ISL_2561453	Maximum Containment Laboratory, National Institute of Virology	Maximum Containment Laboratory, National Institute of Virology	Yadav,P.D.
EPI_ISL_2575367	Suguru Takeuchi Nagoya University Graduate School of Medicine, Pediatrics	Suguru Takeuchi Nagoya University Graduate School of Medicine, Pediatrics	Takeuchi,S., Kawada,J. and Ito,Y.
EPI_ISL_2575417	Kazuya Shirato National Institute of Infectious Diseases, Virology III	Kazuya Shirato National Institute of Infectious Diseases, Virology III	Shirato,K., Sato,K., Dapat,I., Nao,N., Omiya,S., Matsuyama,S., Takeda,M. and Nishimura,H.
EPI_ISL_2575423	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_2575424	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_2575425	Virus Research Group, Beijing Pediatric Research Institute, Beijing Children's Hospital, Capital Medical University	Virus Research Group, Beijing Pediatric Research Institute, Beijing Children's Hospital, Capital Medical University	Xu,L. and Xie,Z.
EPI_ISL_2575427, EPI_ISL_2575428, EPI_ISL_2575429, EPI_ISL_2575430	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_2575431	Reference Microbiology, Public Health England National Infection Services	Reference Microbiology, Public Health England National Infection Services	Valappil,M., Talts,T., Ellis,J., Sails,A., Eltringham,G., Waugh,S., Gould,K., Harrison,I., Pebody,R. and Zambon,M.
EPI_ISL_2575432	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_2575463	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_2575465	Pediatrics, University of New Mexico	Pediatrics, University of New Mexico	Dinwiddle,D.
EPI_ISL_2575471	Michiko Okamoto Graduate School of Medicine, Tohoku University, Virology	Michiko Okamoto Graduate School of Medicine, Tohoku University, Virology	Okamoto,M. and Oshitani,H.
EPI_ISL_2575474, EPI_ISL_2575475, EPI_ISL_2575476, EPI_ISL_2575478, EPI_ISL_2575479, EPI_ISL_2575480, EPI_ISL_2575481, EPI_ISL_2575482, EPI_ISL_2575483, EPI_ISL_2575484, EPI_ISL_2575485, EPI_ISL_2575486, EPI_ISL_2575487, EPI_ISL_2575488, EPI_ISL_2575489	Epidemiology and Demography Department, KEMRI Wellcome Trust Research Collaborative Programme	Epidemiology and Demography Department, KEMRI Wellcome Trust Research Collaborative Programme	Agoti,C.N., Phan,M.V.T., Munywoki,P.K., Githinji,G., Medley,G.F., Cane,P.A., Kellam,K., Cotten,M. and Nokes,D.J.
EPI_ISL_2575490	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_2575491	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_2575492	Reference Microbiology, Public Health England National Infection Services	Reference Microbiology, Public Health England National Infection Services	Valappil,M., Talts,T., Ellis,J., Sails,A., Eltringham,G., Waugh,S., Gould,K., Harrison,I., Pebody,R. and Zambon,M.
EPI_ISL_2575493	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_2575494, EPI_ISL_2575495	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_2575496, EPI_ISL_2575497	Pediatrics, University of New Mexico	Pediatrics, University of New Mexico	Dinwiddle,D.
EPI_ISL_2575498	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_2575499	Department of Experimental Modeling and Infectious Diseases Pathogenesis, Federal Research Center of Fundamental and Translational Medicine	Department of Experimental Modeling and Infectious Diseases Pathogenesis, Federal Research Center of Fundamental and Translational Medicine	Kurskaya,O.G., Sobolev,I.A., Sharshov,K.A., Alexeev,A.Y., Murashkina,T.A., Kabilov,M.R., Alikina,T.Y. and Shestopalov,A.M.
EPI_ISL_2575500	Department of Experimental Modeling and Infectious Diseases Pathogenesis, Federal Research Center of Fundamental and Translational Medicine	Department of Experimental Modeling and Infectious Diseases Pathogenesis, Federal Research Center of Fundamental and Translational Medicine	Sobolev,I.A., Kurskaya,O.G., Sharshov,K.A., Alexeev,A.Y., Murashkina,T.A., Kabilov,M.R., Alikina,T.Y. and Shestopalov,A.M.
EPI_ISL_2575505, EPI_ISL_2575506	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_2575507	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_2575508, EPI_ISL_2575509, EPI_ISL_2575510, EPI_ISL_2575511	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_2575512	Michiko Okamoto Graduate School of Medicine, Tohoku University, Virology	Michiko Okamoto Graduate School of Medicine, Tohoku University, Virology	Okamoto,M. and Oshitani,H.
EPI_ISL_2575513	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_2575515, EPI_ISL_2575516, EPI_ISL_2575517	Reference Microbiology, Public Health England National Infection Services	Reference Microbiology, Public Health England National Infection Services	Valappil,M., Talts,T., Ellis,J., Sails,A., Eltringham,G., Waugh,S., Gould,K., Harrison,I., Pebody,R. and Zambon,M.
EPI_ISL_2575518, EPI_ISL_2575522, EPI_ISL_2575523, EPI_ISL_2575524	Pediatrics, University of New Mexico	Pediatrics, University of New Mexico	Dinwiddle,D.
EPI_ISL_2575531	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_2575532	Epidemiology and Demography Department, KEMRI Wellcome Trust Research Collaborative Programme	Epidemiology and Demography Department, KEMRI Wellcome Trust Research Collaborative Programme	Agoti,C.N., Phan,M.V.T., Munywoki,P.K., Githinji,G., Medley,G.F., Cane,P.A., Kellam,K., Cotten,M. and Nokes,D.J.
EPI_ISL_2575536, EPI_ISL_2575538	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_2575546, EPI_ISL_2575547	Department of Experimental Modeling and Infectious Diseases Pathogenesis, Federal Research Center of Fundamental and Translational Medicine	Department of Experimental Modeling and Infectious Diseases Pathogenesis, Federal Research Center of Fundamental and Translational Medicine	Kurskaya,O.G., Sobolev,I.A., Sharshov,K.A., Alexeev,A.Y., Murashkina,T.A., Kabilov,M.R., Alikina,T.Y. and Shestopalov,A.M.
EPI_ISL_2575548	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_2575549	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_2575564	Reference Microbiology, Public Health England National Infection Services	Reference Microbiology, Public Health England National Infection Services	Valappil,M., Talts,T., Ellis,J., Sails,A., Eltringham,G., Waugh,S., Gould,K., Harrison,I., Pebody,R. and Zambon,M.
EPI_ISL_2575565	Epidemiology and Demography Department, KEMRI Wellcome Trust Research Collaborative Programme	Epidemiology and Demography Department, KEMRI Wellcome Trust Research Collaborative Programme	Agoti,C.N., Phan,M.V.T., Munywoki,P.K., Githinji,G., Medley,G.F., Cane,P.A., Kellam,K., Cotten,M. and Nokes,D.J.
EPI_ISL_2575566	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_2575567	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.,

EPI_ISL_2575568, EPI_ISL_2575569	Epidemiology and Demography Department, KEMRI Wellcome Trust Research Collaborative Programme	Epidemiology and Demography Department, KEMRI Wellcome Trust Research Collaborative Programme	Williams,T., Schiller,A., Patel,M., Kubale,J. and Gordon,A. Agoti,C.N., Phan,M.V.T., Munywoki,P.K., Githinji,G., Medley,G.F., Cane,P.A., Kellam,K., Cotten,M. and Nokes,D.J.
EPI_ISL_2575570	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_2575571	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_2575572, EPI_ISL_2575573, EPI_ISL_2575574, EPI_ISL_2575575, EPI_ISL_2575576, EPI_ISL_2575577, EPI_ISL_2575578, EPI_ISL_2575579	Epidemiology and Demography Department, KEMRI Wellcome Trust Research Collaborative Programme	Epidemiology and Demography Department, KEMRI Wellcome Trust Research Collaborative Programme	Agoti,C.N., Phan,M.V.T., Munywoki,P.K., Githinji,G., Medley,G.F., Cane,P.A., Kellam,K., Cotten,M. and Nokes,D.J.
EPI_ISL_2575580, EPI_ISL_2575581, EPI_ISL_2575582, EPI_ISL_2575583, EPI_ISL_2575584, EPI_ISL_2575585, EPI_ISL_2575586, EPI_ISL_2575587	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_2575588, EPI_ISL_2575589, EPI_ISL_2575590	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_2575591	Epidemiology and Demography Department, KEMRI Wellcome Trust Research Collaborative Programme	Epidemiology and Demography Department, KEMRI Wellcome Trust Research Collaborative Programme	Agoti,C.N., Phan,M.V.T., Munywoki,P.K., Githinji,G., Medley,G.F., Cane,P.A., Kellam,K., Cotten,M. and Nokes,D.J.
EPI_ISL_2575592	Reference Microbiology, Public Health England National Infection Services	Reference Microbiology, Public Health England National Infection Services	Valappil,M., Talts,T., Ellis,J., Sails,A., Eltringham,G., Waugh,S., Gould,K., Harrison,I., Pebody,R. and Zambon,M.
EPI_ISL_2575593	Kazuya Shirato National Institute of Infectious Diseases, Virology III	Kazuya Shirato National Institute of Infectious Diseases, Virology III	Shirato,K., Sato,K., Dapatt,I., Nao,N., Omiya,S., Matsuyama,S., Takeda,M. and Nishimura,H.
EPI_ISL_2575594, EPI_ISL_2575595, EPI_ISL_2575596	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_2575597, EPI_ISL_2575598, EPI_ISL_2575599, EPI_ISL_2575600	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_2575601	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_2575602, EPI_ISL_2575603, EPI_ISL_2575604, EPI_ISL_2575605	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_2575606	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_2575607, EPI_ISL_2575608, EPI_ISL_2575609, EPI_ISL_2575610, EPI_ISL_2575611, EPI_ISL_2575612, EPI_ISL_2575613, EPI_ISL_2575614	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_2575615	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_2575617	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_2575618, EPI_ISL_2575619, EPI_ISL_2575620	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_2575621, EPI_ISL_2575623, EPI_ISL_2577154, EPI_ISL_2577155	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_2577156	Reference Microbiology, Public Health England National Infection Services	Reference Microbiology, Public Health England National Infection Services	Valappil,M., Talts,T., Ellis,J., Sails,A., Eltringham,G., Waugh,S., Gould,K., Harrison,I., Pebody,R. and Zambon,M.
EPI_ISL_2577266, EPI_ISL_2577267, EPI_ISL_2577268, EPI_ISL_2577269, EPI_ISL_2577278, EPI_ISL_2577279, EPI_ISL_2577280, EPI_ISL_2577281, EPI_ISL_2577282, EPI_ISL_2577283, EPI_ISL_2577284	see above	see above	Agoti,C.N., Phan,M.V.T., Munywoki,P.K., Githinji,G., Medley,G.F., Cane,P.A., Kellam,K., Cotten,M. and Nokes,D.J.
EPI_ISL_2577285	Epidemiology and Demography Department, KEMRI Wellcome Trust Research Collaborative Programme	Epidemiology and Demography Department, KEMRI Wellcome Trust Research Collaborative Programme	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_2577286, EPI_ISL_2577287, EPI_ISL_2577288	Reference Microbiology, Public Health England National Infection Services	Reference Microbiology, Public Health England National Infection Services	Valappil,M., Talts,T., Ellis,J., Sails,A., Eltringham,G., Waugh,S., Gould,K., Harrison,I., Pebody,R. and Zambon,M.
EPI_ISL_2577289	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_2577291	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_2577292, EPI_ISL_2577293, EPI_ISL_2577294, EPI_ISL_2577295, EPI_ISL_2577296, EPI_ISL_2577297, EPI_ISL_2577298, EPI_ISL_2577299	Epidemiology and Demography Department, KEMRI Wellcome Trust Research Collaborative Programme	Epidemiology and Demography Department, KEMRI Wellcome Trust Research Collaborative Programme	Agoti,C.N., Phan,M.V.T., Munywoki,P.K., Githinji,G., Medley,G.F., Cane,P.A., Kellam,K., Cotten,M. and Nokes,D.J.
EPI_ISL_2577300	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_2577301	Pediatrics - Infectious Diseases, Medical College of Wisconsin	Pediatrics - Infectious Diseases, Medical College of Wisconsin	Rebuffo-Scheer,C., Bose,M.E., He,J., Khajaa,S., Ulatowski,M., Beck,E.T., Fan,J., Kumar,S., Nelson,M.I. and Henrickson,K.J.
EPI_ISL_2577302, EPI_ISL_2577303, EPI_ISL_2577304, EPI_ISL_2577305, EPI_ISL_2577306, EPI_ISL_2577307	Epidemiology and Demography Department, KEMRI Wellcome Trust Research Collaborative Programme	Epidemiology and Demography Department, KEMRI Wellcome Trust Research Collaborative Programme	Agoti,C.N., Phan,M.V.T., Munywoki,P.K., Githinji,G., Medley,G.F., Cane,P.A., Kellam,K., Cotten,M. and Nokes,D.J.



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EPI_ISL_2577429	& Sydney Medical School, The University of Sydney, Westmead Institute for Medical Research J. Craig Venter Institute	& Sydney Medical School, The University of Sydney, Westmead Institute for Medical Research 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. Eden,J.-S., Kok,J., Dwyer,D.E., Fernandez,M., Carter,I. and Holmes,E.C.
EPI_ISL_2577430	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_2577431, EPI_ISL_2577432, EPI_ISL_2577433, EPI_ISL_2577434 EPI_ISL_2577435	Epidemiology and Demography Department, KEMRI Wellcome Trust Research Collaborative Programme Marie Bashir Institute for Infectious Diseases and Biosecurity & Sydney Medical School, The University of Sydney, Westmead Institute for Medical Research	Epidemiology and Demography Department, KEMRI Wellcome Trust Research Collaborative Programme Marie Bashir Institute for Infectious Diseases and Biosecurity & Sydney Medical School, The University of Sydney, Westmead Institute for Medical Research	Agoti,C.N., Phan,M.V.T., Munywoki,P.K., Githinji,G., Medley,G.F., Cane,P.A., Kellam,K., Cotten,M. and Nokes,D.J. Eden,J.-S., Kok,J., Dwyer,D.E., Fernandez,M., Carter,I. and Holmes,E.C.
EPI_ISL_2577436, EPI_ISL_2577437 EPI_ISL_2577438, EPI_ISL_2577439, EPI_ISL_2577440	J. Craig Venter Institute Marie Bashir Institute for Infectious Diseases and Biosecurity & Sydney Medical School, The University of Sydney, Westmead Institute for Medical Research	J. Craig Venter Institute Marie Bashir Institute for Infectious Diseases and Biosecurity & Sydney Medical School, The University of Sydney, Westmead Institute for Medical Research	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. Eden,J.-S., Kok,J., Dwyer,D.E., Fernandez,M., Carter,I. and Holmes,E.C.
EPI_ISL_2577441, EPI_ISL_2577442, EPI_ISL_2577443 EPI_ISL_2577444	J. Craig Venter Institute Marie Bashir Institute for Infectious Diseases and Biosecurity & Sydney Medical School, The University of Sydney, Westmead Institute for Medical Research	J. Craig Venter Institute Marie Bashir Institute for Infectious Diseases and Biosecurity & Sydney Medical School, The University of Sydney, Westmead Institute for Medical Research	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. Eden,J.-S., Kok,J., Dwyer,D.E., Fernandez,M., Carter,I. and Holmes,E.C.
EPI_ISL_2577471, EPI_ISL_2577472, EPI_ISL_2577473, EPI_ISL_2577474, EPI_ISL_2577475, EPI_ISL_2577476, EPI_ISL_2577477, EPI_ISL_2577478, EPI_ISL_2577479, EPI_ISL_2577480 EPI_ISL_2577483, EPI_ISL_2577484	Epidemiology and Demography Department, KEMRI Wellcome Trust Research Collaborative Programme Marie Bashir Institute for Infectious Diseases and Biosecurity & Sydney Medical School, The University of Sydney, Westmead Institute for Medical Research	Epidemiology and Demography Department, KEMRI Wellcome Trust Research Collaborative Programme Marie Bashir Institute for Infectious Diseases and Biosecurity & Sydney Medical School, The University of Sydney, Westmead Institute for Medical Research	Agoti,C.N., Phan,M.V.T., Munywoki,P.K., Githinji,G., Medley,G.F., Cane,P.A., Kellam,K., Cotten,M. and Nokes,D.J. Eden,J.-S., Kok,J., Dwyer,D.E., Fernandez,M., Carter,I. and Holmes,E.C.
EPI_ISL_2577662	Reference Microbiology, Public Health England National Infection Services J. Craig Venter Institute	Reference Microbiology, Public Health England National Infection Services J. Craig Venter Institute	Valappil,M., Talts,T., Ellis,J., Sails,A., Eltringham,G., Waugh,S., Gould,K., Harrison,I., Pebody,R. and Zambon,M.
EPI_ISL_2577698, EPI_ISL_2577709, EPI_ISL_2577719, EPI_ISL_2577730, EPI_ISL_2577736, EPI_ISL_2577749, EPI_ISL_2577754 EPI_ISL_2577788	J. Craig Venter Institute Central Laboratory, Guangzhou Women and Children's Medical Center	J. Craig Venter Institute Central Laboratory, Guangzhou Women and Children's Medical Center	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. Xie,J.H., Zhu,B., Zhong,J.Y., Chen,Y. and Zhang,Y.Y.
EPI_ISL_2578154, EPI_ISL_2578157	Michiko Okamoto Graduate School of Medicine, Tohoku University, Virology	Michiko Okamoto Graduate School of Medicine, Tohoku University, Virology	Okamoto,M. and Oshitani,H.
EPI_ISL_2578161	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_2578167	Michiko Okamoto Graduate School of Medicine, Tohoku University, Virology	Michiko Okamoto Graduate School of Medicine, Tohoku University, Virology	Okamoto,M. and Oshitani,H.
EPI_ISL_2578239	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_2578352, EPI_ISL_2578361, EPI_ISL_2578362, EPI_ISL_2578365 EPI_ISL_2578381	J. Craig Venter Institute Marie Bashir Institute for Infectious Diseases and Biosecurity & Sydney Medical School, The University of Sydney, Westmead Institute for Medical Research	J. Craig Venter Institute Marie Bashir Institute for Infectious Diseases and Biosecurity & Sydney Medical School, The University of Sydney, Westmead Institute for Medical Research	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. Eden,J.-S., Kok,J., Dwyer,D.E., Fernandez,M., Carter,I. and Holmes,E.C.
EPI_ISL_2584483, EPI_ISL_2584484, EPI_ISL_2584485, EPI_ISL_2584486	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_2584489, EPI_ISL_2584491, EPI_ISL_2584492, EPI_ISL_2584494, EPI_ISL_2584496, EPI_ISL_2584497, EPI_ISL_2584498, EPI_ISL_2584499, EPI_ISL_2584500, EPI_ISL_2584504	Epidemiology and Demography, KEMRI-Wellcome Trust	Epidemiology and Demography, KEMRI-Wellcome Trust	Kamau,E., Otieno,J.R., Murunga,N., Nyiro,J.U., Oketch,J.W., Ngoi,J.M., de Laurent,Z.R., Mwema,A., Agoti,C.N. and Nokes,D.J.
EPI_ISL_2584505 EPI_ISL_2584506	Medical Microbiology, University Medical Center Utrecht Medical Microbiology, University Medical Center Utrecht	Medical Microbiology, University Medical Center Utrecht Medical Microbiology, University Medical Center Utrecht	Tan,L., Viveen,M.C., Lemey,P. and Coenjaerts,F.E. Tan,L., Lemey,P., Viveen,M. and Coenjaerts,F.
EPI_ISL_2584511, EPI_ISL_2584512, EPI_ISL_2584513, EPI_ISL_2584514, EPI_ISL_2584515, EPI_ISL_2584516 EPI_ISL_2584518	J. Craig Venter Institute J. Craig Venter Institute	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. 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_2584558, EPI_ISL_2584560, EPI_ISL_2584562, EPI_ISL_2584565, EPI_ISL_2584566, EPI_ISL_2584568, EPI_ISL_2584569, EPI_ISL_2584570 EPI_ISL_2584571, EPI_ISL_2584572	J. Craig Venter Institute J. Craig Venter Institute	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_2584579, EPI_ISL_2584582	Medicine, University of Washington, 300 9th Ave, Harborview	Medicine, University of Washington, 300 9th Ave, Harborview	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. Chu,H., Scott,E. and Roychoudhury,P.

EPI_ISL_2584591, EPI_ISL_2584592, EPI_ISL_2584593, EPI_ISL_2584594	Research & Training Building	Research & Training Building	Kamau,E., Otieno,J.R., Murunga,N., Nyiro,J.U., Oketch,J.W., Ngoi,J.M., de Laurent,Z.R., Mwema,A., Agoti,C.N. and Nokes,D.J.
	Epidemiology and Demography, KEMRI-Wellcome Trust	Epidemiology and Demography, KEMRI-Wellcome Trust	
	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_2584595	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_2584596			
EPI_ISL_2584597	Pediatrics, UT Southwestern Medical Center	Pediatrics, UT Southwestern Medical Center	Levitz,R., Gao,Y., Dozmorov,I., Song,R., Wakeland,E.K. and Kahn,J.S.
EPI_ISL_2584598	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_2584599, EPI_ISL_2584600	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_2584601	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_2584602	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_2584604	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_2584605, EPI_ISL_2584606, EPI_ISL_2584610, EPI_ISL_2584611, EPI_ISL_2584613, EPI_ISL_2584614	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_2584615	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_2584617	Pediatrics and Microbiology, University of Texas Southwestern Medical Center	Pediatrics and Microbiology, University of Texas Southwestern Medical Center	Levitz,R., Wattier,R., Phillips,P., Solomon,A., Lawler,J., Lazar,I. and Kahn,J.S.
EPI_ISL_2584618	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_2584619	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_2584620	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_2584621	Biologia Molecular y Validacion de Tecnicas, Instituto de Diagnostico y Referencia Epidemiologicos (InDRE)	Biologia Molecular y Validacion de Tecnicas, Instituto de Diagnostico y Referencia Epidemiologicos (InDRE)	Ortiz-Alcantara,J.M., Garces-Ayala,F., Perez-Agueros,S.I., Hernandez-Moreno,A.L., Munoz-Medina,J.E., Monroy-Munoz,I.E., Santos Coy-Arechavaleta,A., Meza-Chavez,A., Angeles-Martinez,J., Anguiano-Hernandez,Y.-M., Martinez-Miguel,B., Santacruz-Tinoco,C.E., Gonzalez-Ibarra,J., Alvarado-Yaah,J.E., Gonzalez-Bonilla,C.R., Diaz-Quinonez,J.A. and Ramirez-Gonzalez,J.E.
EPI_ISL_2584622	Medical Microbiology, University Medical Center Utrecht	Medical Microbiology, University Medical Center Utrecht	Tan,L., Viveen,M.C., Lemey,P. and Coenjaerts,F.E.
EPI_ISL_2584623	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_2584624	Medical Microbiology, University Medical Center Utrecht	Medical Microbiology, University Medical Center Utrecht	Tan,L., Viveen,M.C., Lemey,P. and Coenjaerts,F.E.
EPI_ISL_2584626	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_2584627	Virology, Public Health Institution of Turkey	Virology, Public Health Institution of Turkey	Bayrakdar,F.
EPI_ISL_2584628	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_2584630	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_2584631, EPI_ISL_2584632	Medical Microbiology, University Medical Center Utrecht	Medical Microbiology, University Medical Center Utrecht	Tan,L., Viveen,M.C., Lemey,P. and Coenjaerts,F.E.
EPI_ISL_2584633	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_2584634	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_2584635	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_2584636, EPI_ISL_2584637	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_2584638	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_2584639	Biologia Molecular y Validacion de Tecnicas, Instituto de Diagnostico y Referencia Epidemiologicos (InDRE)	Biologia Molecular y Validacion de Tecnicas, Instituto de Diagnostico y Referencia Epidemiologicos (InDRE)	Munoz-Medina,J.E., Monroy-Munoz,I.E., Santos Coy-Arechavaleta,A., Meza-Chavez,A., Angeles-Martinez,J., Anguiano-Hernandez,Y.M., Santacruz-Tinoco,C.E., Gonzalez-Ibarra,J., Martinez-Miguel,B., Alvarado-Yaah,J.E., Palomec-Navia,I.D., Ortiz-Alcantara,J.M., Garces-Ayala,F., Ramirez-Gonzalez,J.E., Diaz-Quinonez,J.A. and Gonzalez-Bonilla,C.R.
EPI_ISL_2584640, EPI_ISL_2584641	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_2584642	Medical Microbiology, University Medical Center Utrecht	Medical Microbiology, University Medical Center Utrecht	Tan,L., Viveen,M.C., Lemey,P. and Coenjaerts,F.E.
EPI_ISL_2584644, EPI_ISL_2584646, EPI_ISL_2584648, EPI_ISL_2584650	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_2584652	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_2584653, EPI_ISL_2584654	Epidemiology and Demography, KEMRI-Wellcome Trust	Epidemiology and Demography, KEMRI-Wellcome Trust	Kamau,E., Otieno,J.R., Murunga,N., Nyiro,J.U., Oketch,J.W., Ngoi,J.M., de Laurent,Z.R., Mwema,A., Agoti,C.N. and Nokes,D.J.
EPI_ISL_2584656	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_2584657	Epidemiology and Demography, KEMRI-Wellcome Trust	Epidemiology and Demography, KEMRI-Wellcome Trust	Kamau,E., Otieno,J.R., Murunga,N., Nyiro,J.U., Oketch,J.W., Ngoi,J.M., de Laurent,Z.R., Mwema,A., Agoti,C.N. and Nokes,D.J.
EPI_ISL_2584658	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_2584659, EPI_ISL_2584660	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_2584661	Epidemiology and Demography, KEMRI-Wellcome Trust	Epidemiology and Demography, KEMRI-Wellcome Trust	Kamau,E., Otieno,J.R., Murunga,N., Nyiro,J.U., Oketch,J.W., Ngoi,J.M., de Laurent,Z.R., Mwema,A., Agoti,C.N. and Nokes,D.J.
EPI_ISL_2584662	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_2584664, EPI_ISL_2584665, EPI_ISL_2584666, EPI_ISL_2584667, EPI_ISL_2584668, EPI_ISL_2584669, EPI_ISL_2584670	Epidemiology and Demography, KEMRI-Wellcome Trust	Epidemiology and Demography, KEMRI-Wellcome Trust	Kamau,E., Otieno,J.R., Murunga,N., Nyiro,J.U., Oketch,J.W., Ngoi,J.M., de Laurent,Z.R., Mwema,A., Agoti,C.N. and Nokes,D.J.

EPI_ISL_2584671	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_2584673, EPI_ISL_2584674	Epidemiology and Demography, KEMRI-Wellcome Trust	Epidemiology and Demography, KEMRI-Wellcome Trust	Kamau,E., Otieno,J.R., Murunga,N., Nyiro,J.U., Oketch,J.W., Ngoi,J.M., de Laurent,Z.R., Mwema,A., Agoti,C.N. and Nokes,D.J.
EPI_ISL_2584675	Medical Microbiology, University Medical Center Utrecht	Medical Microbiology, University Medical Center Utrecht	Tan,L., Lemey,P., Viveen,M. and Coenjaerts,F.
EPI_ISL_2584676, EPI_ISL_2584677	Epidemiology and Demography, KEMRI-Wellcome Trust	Epidemiology and Demography, KEMRI-Wellcome Trust	Kamau,E., Otieno,J.R., Murunga,N., Nyiro,J.U., Oketch,J.W., Ngoi,J.M., de Laurent,Z.R., Mwema,A., Agoti,C.N. and Nokes,D.J.
EPI_ISL_2584678	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_2584680	Epidemiology and Demography, KEMRI-Wellcome Trust	Epidemiology and Demography, KEMRI-Wellcome Trust	Kamau,E., Otieno,J.R., Murunga,N., Nyiro,J.U., Oketch,J.W., Ngoi,J.M., de Laurent,Z.R., Mwema,A., Agoti,C.N. and Nokes,D.J.
EPI_ISL_2584681	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_2584682	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_2584683, EPI_ISL_2584684, EPI_ISL_2584685	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_2584686	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_2584688, EPI_ISL_2584690, EPI_ISL_2584691	Epidemiology and Demography, KEMRI-Wellcome Trust	Epidemiology and Demography, KEMRI-Wellcome Trust	Kamau,E., Otieno,J.R., Murunga,N., Nyiro,J.U., Oketch,J.W., Ngoi,J.M., de Laurent,Z.R., Mwema,A., Agoti,C.N. and Nokes,D.J.
EPI_ISL_2584692	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_2584693	Epidemiology and Demography, KEMRI-Wellcome Trust	Epidemiology and Demography, KEMRI-Wellcome Trust	Kamau,E., Otieno,J.R., Murunga,N., Nyiro,J.U., Oketch,J.W., Ngoi,J.M., de Laurent,Z.R., Mwema,A., Agoti,C.N. and Nokes,D.J.
EPI_ISL_2584696	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_2584697	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_2584698	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_2584699	Epidemiology and Demography, KEMRI-Wellcome Trust	Epidemiology and Demography, KEMRI-Wellcome Trust	Kamau,E., Otieno,J.R., Murunga,N., Nyiro,J.U., Oketch,J.W., Ngoi,J.M., de Laurent,Z.R., Mwema,A., Agoti,C.N. and Nokes,D.J.
EPI_ISL_2584703, EPI_ISL_2584705	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_2584706, EPI_ISL_2584708, EPI_ISL_2584711, EPI_ISL_2584715, EPI_ISL_2584717, EPI_ISL_2584718, EPI_ISL_2584719, EPI_ISL_2584720, EPI_ISL_2584722, EPI_ISL_2584723, EPI_ISL_2584724, EPI_ISL_2584725	see above	see above	
EPI_ISL_2584726	Epidemiology and Demography, KEMRI-Wellcome Trust	Epidemiology and Demography, KEMRI-Wellcome Trust	Kamau,E., Otieno,J.R., Murunga,N., Nyiro,J.U., Oketch,J.W., Ngoi,J.M., de Laurent,Z.R., Mwema,A., Agoti,C.N. and Nokes,D.J.
EPI_ISL_2584727	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_2584728	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_2584729	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_2584730, EPI_ISL_2584731	Medical Microbiology, University Medical Center Utrecht	Medical Microbiology, University Medical Center Utrecht	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_2584732	J. Craig Venter Institute	J. Craig Venter Institute	Tan,L., Viveen,M.C., Lemey,P. and Coenjaerts,F.E.
EPI_ISL_2584733	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_2584734	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_2584735, EPI_ISL_2584736	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_2584737	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_2584738	Laboratory Medicine, UW Virology	Laboratory Medicine, UW Virology	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_2584739	J. Craig Venter Institute	J. Craig Venter Institute	Lin,M.J., Tait,A. and Greninger,A.L.
EPI_ISL_2584740	Medical Microbiology, University Medical Center Utrecht	Medical Microbiology, University Medical Center Utrecht	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_2584741	J. Craig Venter Institute	J. Craig Venter Institute	Tan,L., Viveen,M.C., Lemey,P. and Coenjaerts,F.E.
EPI_ISL_2584742	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., Wentworth,D.E. and Henrickson,K.J.
EPI_ISL_2584745	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_2584748, EPI_ISL_2584749	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_2584750, EPI_ISL_2584751	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_2584752	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_2584753	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_2584754, EPI_ISL_2584755, EPI_ISL_2584756	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_2584760	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_2584762	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_2584764	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

EPI_ISL_2584765	J. Craig Venter Institute	J. Craig Venter Institute	Caserta,M. 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_2584766	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_2584768, EPI_ISL_2584770, EPI_ISL_2584771	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_2584773, EPI_ISL_2584774	Epidemiology and Demography, KEMRI-Wellcome Trust	Epidemiology and Demography, KEMRI-Wellcome Trust	Kamau,E., Otieno,J.R., Murunga,N., Nyiro,J.U., Oketch,J.W., Ngoi,J.M., de Laurent,Z.R., Mwema,A., Agoti,C.N. and Nokes,D.J.
EPI_ISL_2584812	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_2584814	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_2584815	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_2584817	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_2584818	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_2584819, EPI_ISL_2584820	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_2584824, EPI_ISL_2584847	KEMRI Wellcome Trust Research Programme	KEMRI Wellcome Trust Research Programme	Agoti,C.N., Otieno,J.R., Munywoki,P.K., Mwhuri,A.G., Cane,P.A., Nokes,D.J., Kellam,P. and Cotten,M.L.
EPI_ISL_2584849	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_2584850	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_2584852	Medical Microbiology, University Medical Center Utrecht	Medical Microbiology, University Medical Center Utrecht	Tan,L., Viveen,M.C., Lemey,P. and Coenjaerts,F.E.
EPI_ISL_2584853	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_2584855	J. Craig Venter Institute	J. Craig Venter Institute	Das,S., Halpin,R.A., Bera,J., Puri,V., Fedorova,N., Tsitirin,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_2584856	Epidemiology and Demography, KEMRI-Wellcome Trust	Epidemiology and Demography, KEMRI-Wellcome Trust	Kamau,E., Otieno,J.R., Murunga,N., Nyiro,J.U., Oketch,J.W., Ngoi,J.M., de Laurent,Z.R., Mwema,A., Agoti,C.N. and Nokes,D.J.
EPI_ISL_2584859	KEMRI Wellcome Trust Research Programme	KEMRI Wellcome Trust Research Programme	Agoti,C.N., Otieno,J.R., Munywoki,P.K., Mwhuri,A.G., Cane,P.A., Nokes,D.J., Kellam,P. and Cotten,M.L.
EPI_ISL_2584860	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_2584861	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_2584862	Michiko Okamoto Tohoku University Graduate School of Medicine, Virology	Michiko Okamoto Tohoku University Graduate School of Medicine, Virology	Okamoto,M., Malasaor,R. and Oshitani,H.
EPI_ISL_2584863	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_2584865	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_2584866, EPI_ISL_2584867, EPI_ISL_2584868, EPI_ISL_2584869, EPI_ISL_2584871, EPI_ISL_2584872	Epidemiology and Demography, KEMRI-Wellcome Trust	Epidemiology and Demography, KEMRI-Wellcome Trust	Kamau,E., Otieno,J.R., Murunga,N., Nyiro,J.U., Oketch,J.W., Ngoi,J.M., de Laurent,Z.R., Mwema,A., Agoti,C.N. and Nokes,D.J.
EPI_ISL_2584873, EPI_ISL_2584874, EPI_ISL_2584875	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_2584879	J. Craig Venter Institute	J. Craig Venter Institute	Das,S., Halpin,R.A., Bera,J., Puri,V., Fedorova,N., Tsitirin,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_2584880	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_2584881, EPI_ISL_2584882, EPI_ISL_2584883, EPI_ISL_2584884, EPI_ISL_2584885, EPI_ISL_2584886, EPI_ISL_2584887, EPI_ISL_2584888, EPI_ISL_2584889	Epidemiology and Demography, KEMRI-Wellcome Trust	Epidemiology and Demography, KEMRI-Wellcome Trust	Kamau,E., Otieno,J.R., Murunga,N., Nyiro,J.U., Oketch,J.W., Ngoi,J.M., de Laurent,Z.R., Mwema,A., Agoti,C.N. and Nokes,D.J.
EPI_ISL_2584890	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_2584891, EPI_ISL_2584893	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_2584894	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_2584896	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_2584897	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_2584898, EPI_ISL_2584899, EPI_ISL_2584901, EPI_ISL_2584902, EPI_ISL_2584904, EPI_ISL_2584905, EPI_ISL_2584906, EPI_ISL_2584907, EPI_ISL_2584909	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_2584912, EPI_ISL_2584913, EPI_ISL_2584914, EPI_ISL_2584915, EPI_ISL_2584916, EPI_ISL_2584917, EPI_ISL_2584918, EPI_ISL_2584919, EPI_ISL_2584920, EPI_ISL_2584921, EPI_ISL_2584922, EPI_ISL_2584923, EPI_ISL_2584924, EPI_ISL_2584925, EPI_ISL_2584926, EPI_ISL_2584927, EPI_ISL_2584928, EPI_ISL_2584929, EPI_ISL_2584930, EPI_ISL_2584931, EPI_ISL_2584932, EPI_ISL_2584933, EPI_ISL_2584934, EPI_ISL_2584935			Kamau,E., Otieno,J.R., Murunga,N., Nyiro,J.U., Oketch,J.W., Ngoi,J.M., de Laurent,Z.R., Mwema,A., Agoti,C.N. and Nokes,D.J.
see above	Epidemiology and Demography, KEMRI-Wellcome Trust	Epidemiology and Demography, KEMRI-Wellcome Trust	Tan,L., Viveen,M.C., Lemey,P. and Coenjaerts,F.E.
EPI_ISL_2584937	Medical Microbiology, University Medical Center Utrecht	Medical Microbiology, University Medical Center Utrecht	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_2584938, EPI_ISL_2584939, EPI_ISL_2584940	J. Craig Venter Institute	J. Craig Venter Institute	

EPI_ISL_2584941	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_2584944, EPI_ISL_2584945, EPI_ISL_2584946, EPI_ISL_2584947, EPI_ISL_2584948, EPI_ISL_2584950, EPI_ISL_2584952, EPI_ISL_2584953	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_2584955, EPI_ISL_2584956, EPI_ISL_2584958, EPI_ISL_2584959, EPI_ISL_2584960, EPI_ISL_2584961, EPI_ISL_2584963, EPI_ISL_2584964, EPI_ISL_2584965, EPI_ISL_2584967, EPI_ISL_2584968, EPI_ISL_2584969, EPI_ISL_2584970, EPI_ISL_2584972, EPI_ISL_2584973, EPI_ISL_2584975, EPI_ISL_2584976, EPI_ISL_2584977, EPI_ISL_2584978, EPI_ISL_2584980, EPI_ISL_2584981, EPI_ISL_2584982, EPI_ISL_2584983, EPI_ISL_2584985			
see above	Epidemiology and Demography, KEMRI-Wellcome Trust	Epidemiology and Demography, KEMRI-Wellcome Trust	Kamau,E., Otieno,J.R., Murunga,N., Nyiro,J.U., Oketch,J.W., Ngoi,J.M., de Laurent,Z.R., Mwema,A., Agoti,C.N. and Nokes,D.J.
EPI_ISL_2584986, EPI_ISL_2584987	Medical Microbiology, University Medical Center Utrecht	Medical Microbiology, University Medical Center Utrecht	Tan,L., Viveen,M.C., Lemey,P. and Coenjaerts,F.E.
EPI_ISL_2584988, EPI_ISL_2584989, EPI_ISL_2584990, EPI_ISL_2584991	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_2584992, EPI_ISL_2584993	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_2584994	Division of Biosafety Evaluation and Control, Korea National Institute of Health	Division of Biosafety Evaluation and Control, Korea National Institute of Health	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_2584995, EPI_ISL_2584996, EPI_ISL_2584997, EPI_ISL_2584998, EPI_ISL_2584999, EPI_ISL_2585000, EPI_ISL_2585001, EPI_ISL_2585002, EPI_ISL_2585003, EPI_ISL_2585004, EPI_ISL_2585005, EPI_ISL_2585006, EPI_ISL_2585007, EPI_ISL_2585009, EPI_ISL_2585010, EPI_ISL_2585012, EPI_ISL_2585013, EPI_ISL_2585014, EPI_ISL_2585015			
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_2585016	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_2585017, EPI_ISL_2585018, EPI_ISL_2585019, EPI_ISL_2585020, EPI_ISL_2585021, EPI_ISL_2585022, EPI_ISL_2585023, EPI_ISL_2585025, EPI_ISL_2585026, EPI_ISL_2585027, EPI_ISL_2585028, EPI_ISL_2585029, EPI_ISL_2585031, EPI_ISL_2585032, EPI_ISL_2585033, EPI_ISL_2585036, EPI_ISL_2585037, EPI_ISL_2585039, EPI_ISL_2585040, EPI_ISL_2585041, EPI_ISL_2585042, EPI_ISL_2585043, EPI_ISL_2585044, EPI_ISL_2585045, EPI_ISL_2585047, EPI_ISL_2585049, EPI_ISL_2585050, EPI_ISL_2585051, EPI_ISL_2585052, EPI_ISL_2585053, EPI_ISL_2585054, EPI_ISL_2585056, EPI_ISL_2585057, EPI_ISL_2585058, EPI_ISL_2585059, EPI_ISL_2585060, EPI_ISL_2585061			
see above	Epidemiology and Demography, KEMRI-Wellcome Trust	Epidemiology and Demography, KEMRI-Wellcome Trust	Kamau,E., Otieno,J.R., Murunga,N., Nyiro,J.U., Oketch,J.W., Ngoi,J.M., de Laurent,Z.R., Mwema,A., Agoti,C.N. and Nokes,D.J.
EPI_ISL_2585063	Medical Microbiology, University Medical Center Utrecht	Medical Microbiology, University Medical Center Utrecht	Tan,L., Viveen,M.C., Lemey,P. and Coenjaerts,F.E.
EPI_ISL_2585064, EPI_ISL_2585065, EPI_ISL_2585066, EPI_ISL_2585067, EPI_ISL_2585068, EPI_ISL_2585070, EPI_ISL_2585072	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_2585074	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_2585075	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_2585077	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_2585078, EPI_ISL_2585079, EPI_ISL_2585080, EPI_ISL_2585081, EPI_ISL_2585082, EPI_ISL_2585083, EPI_ISL_2585084, EPI_ISL_2585085, EPI_ISL_2585086, EPI_ISL_2585087, EPI_ISL_2585091, EPI_ISL_2585093, EPI_ISL_2585094			
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_2585095	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_2585096, EPI_ISL_2585098, EPI_ISL_2585099, EPI_ISL_2585100, EPI_ISL_2585101, EPI_ISL_2585102, EPI_ISL_2585103, EPI_ISL_2585104, EPI_ISL_2585105, EPI_ISL_2585106, EPI_ISL_2585107, EPI_ISL_2585108, EPI_ISL_2585110, EPI_ISL_2585112, EPI_ISL_2585113, EPI_ISL_2585114, EPI_ISL_2585115, EPI_ISL_2585116, EPI_ISL_2585117, EPI_ISL_2585118, EPI_ISL_2585119, EPI_ISL_2585120, EPI_ISL_2585121, EPI_ISL_2585123, EPI_ISL_2585124, EPI_ISL_2585125, EPI_ISL_2585126, EPI_ISL_2585127, EPI_ISL_2585128, EPI_ISL_2585130, EPI_ISL_2585131, EPI_ISL_2585132, EPI_ISL_2585133, EPI_ISL_2585134, EPI_ISL_2585135, EPI_ISL_2585136, EPI_ISL_2585137, EPI_ISL_2585139, EPI_ISL_2585140			
see above	Epidemiology and Demography, KEMRI-Wellcome Trust	Epidemiology and Demography, KEMRI-Wellcome Trust	Kamau,E., Otieno,J.R., Murunga,N., Nyiro,J.U., Oketch,J.W., Ngoi,J.M., de Laurent,Z.R., Mwema,A., Agoti,C.N. and Nokes,D.J.
EPI_ISL_2585142	Medical Microbiology, University Medical Center Utrecht	Medical Microbiology, University Medical Center Utrecht	Tan,L., Viveen,M.C., Lemey,P. and Coenjaerts,F.E.
EPI_ISL_2585143	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_2585144	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_2585146	Taylor G.S., Virology laboratory, Bristol Public Health Laboratory	Taylor G.S., Virology laboratory, Bristol Public Health Laboratory	Taylor,G.S.
EPI_ISL_2585147, EPI_ISL_2585148	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_2585149, EPI_ISL_2585150	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_2585153, EPI_ISL_2585154, EPI_ISL_2585155	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_2585156, EPI_ISL_2585157, EPI_ISL_2585158, EPI_ISL_2585160, EPI_ISL_2585161, EPI_ISL_2585162, EPI_ISL_2585163, EPI_ISL_2585164, EPI_ISL_2585165, EPI_ISL_2585167, EPI_ISL_2585168, EPI_ISL_2585169, EPI_ISL_2585171, EPI_ISL_2585172, EPI_ISL_2585173, EPI_ISL_2585174, EPI_ISL_2585175, EPI_ISL_2585176, EPI_ISL_2585177, EPI_ISL_2585178, EPI_ISL_2585179, EPI_ISL_2585180, EPI_ISL_2585181, EPI_ISL_2585182, EPI_ISL_2585183, EPI_ISL_2585184, EPI_ISL_2585185, EPI_ISL_2585186, EPI_ISL_2585187, EPI_ISL_2585188			
see above	Epidemiology and Demography, KEMRI-Wellcome Trust	Epidemiology and Demography, KEMRI-Wellcome Trust	Kamau,E., Otieno,J.R., Murunga,N., Nyiro,J.U., Oketch,J.W., Ngoi,J.M., de Laurent,Z.R., Mwema,A., Agoti,C.N. and Nokes,D.J.
EPI_ISL_2585189, EPI_ISL_2585190	Medical Microbiology, University Medical Center Utrecht	Medical Microbiology, University Medical Center Utrecht	Tan,L., Viveen,M.C., Lemey,P. and Coenjaerts,F.E.
EPI_ISL_2585191, EPI_ISL_2585192, EPI_ISL_2585193, EPI_ISL_2585195	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_2585196	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_2585199, EPI_ISL_2585200	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_2588651	Virology Laboratory, Dr. Ricardo Gutierrez Children Hospital	Virology Laboratory, Dr. Ricardo Gutierrez Children Hospital	Goya,S., Rojo,G.L., Valinotto,L.E., Mitchenko,A.S. and Viegas,M.
EPI_ISL_2588654	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., Mitchenko,A.S. and Viegas,M.
EPI_ISL_2588655	Virology Laboratory, Dr. Ricardo Gutierrez Children Hospital	Virology Laboratory, Dr. Ricardo Gutierrez Children Hospital	Goya,S., Rojo,G.L., Valinotto,L.E., Mitchenko,A.S. and Viegas,M.
EPI_ISL_2588656, EPI_ISL_2588657, EPI_ISL_2588658	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_2588659	Key Laboratory of Emergency Detection for Public Health of Zhejiang Province, Zhejiang Provincial Centre for Disease Control and Prevention	Key Laboratory of Emergency Detection for Public Health of Zhejiang Province, Zhejiang Provincial Centre for Disease Control and Prevention	Li,C.-X., Li,W., Zhou,J., Zhang,B., Feng,Y., Xu,C.-P., Lu,Y.-Y., Holmes,E.C. and Shi,M.
EPI_ISL_2588660	Medical Microbiology, University Medical Center Utrecht	Medical Microbiology, University Medical Center Utrecht	Tan,L., Viveen,M.C., Lemey,P. and Coenjaerts,F.E.
EPI_ISL_2588661	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_2588662	Medical Microbiology, University Medical Center Utrecht	Medical Microbiology, University Medical Center Utrecht	Tan,L., Viveen,M.C., Lemey,P. and Coenjaerts,F.E.
EPI_ISL_2588663	Microbiology, Institute of Biological Sciences, Universeity of Sao Paulo	Microbiology, Institute of Biological Sciences, Universeity of Sao Paulo	Di Paola,N., Cunha,M.P., Oliveira,D.B.L., Durigon,E., Durigon,G.S. and Zanotto,P.M.A.
EPI_ISL_2588664	Key Laboratory of Emergency Detection for Public Health of Zhejiang Province, Zhejiang Provincial Centre for Disease Control and Prevention	Key Laboratory of Emergency Detection for Public Health of Zhejiang Province, Zhejiang Provincial Centre for Disease Control and Prevention	Li,C.-X., Li,W., Zhou,J., Zhang,B., Feng,Y., Xu,C.-P., Lu,Y.-Y., Holmes,E.C. and Shi,M.
EPI_ISL_2588666	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.
EPI_ISL_2588667	Mami Nagashima Tokyo Metropolitan Institute of Public Health, Microbiology	Mami Nagashima Tokyo Metropolitan Institute of Public Health, Microbiology	Hasegawa,M., Okazaki,T., Sakamoto,T., Murata,R., Nagashima,M., Shinkai,T. and Sadamasu,K.
EPI_ISL_2588668	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_2588669	Key Laboratory of Emergency Detection for Public Health of Zhejiang Province, Zhejiang Provincial Centre for Disease Control and Prevention	Key Laboratory of Emergency Detection for Public Health of Zhejiang Province, Zhejiang Provincial Centre for Disease Control and Prevention	Li,C.-X., Li,W., Zhou,J., Zhang,B., Feng,Y., Xu,C.-P., Lu,Y.-Y., Holmes,E.C. and Shi,M.
EPI_ISL_2588684	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_2588685	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., Videla,C., Wentworth,D.E. and Henrickson,K.J.
EPI_ISL_2588688	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., Kehl,S.C., Lederboer,N., Jurgens,L.A., Bose,M.E., Beck,E.T., Kumar,S., Neumann-Haefelin,D., Wentworth,D.E. and Henrickson,K.J.
EPI_ISL_2588720	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.
EPI_ISL_2588721, EPI_ISL_2588722	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_2588782	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_2588785	Mami Nagashima Tokyo Metropolitan Institute of Public Health, Microbiology	Mami Nagashima Tokyo Metropolitan Institute of Public Health, Microbiology	Hasegawa,M., Okazaki,T., Sakamoto,T., Murata,R., Nagashima,M., Shinkai,T. and Sadamasu,K.
EPI_ISL_2839185, EPI_ISL_2839366, EPI_ISL_2839368, EPI_ISL_2839374	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_2839376	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_2839416, EPI_ISL_2839417, EPI_ISL_2839442, EPI_ISL_2839449	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_2839450	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_2839452	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_2839453	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_2839454	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_2839455, EPI_ISL_2839456	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_2839457	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_2989828	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_412460, EPI_ISL_412461, EPI_ISL_412863	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; ShiIts, Meghan; Gentile, Angela; Mistchenko, Alicia S.; Das, Suman & Viegas, Mariana
EPI_ISL_412864	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; ShiIts, Meghan; Gentile, Angela; Mistchenko, Alicia S.; Das, Suman & Viegas, Mariana
EPI_ISL_412867, EPI_ISL_412868	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	Microbiology Services Colindale, Public Health England	Zambon M
EPI_ISL_413293, EPI_ISL_413352	Institut Pasteur de Madagascar	Institut Pasteur de Madagascar	Jean-Michel HERAUD
EPI_ISL_4569432	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_4848359	Respiratory Virus Unit, National Infection Service, Public Health England	Public Health England, Respiratory Virus Unit, National Infection Service	Zambon M, Talts T, Ellis J, Miah S, Platt S
EPI_ISL_5522625, EPI_ISL_5522626, EPI_ISL_5522627, EPI_ISL_5522628, EPI_ISL_5522629	Institut Pasteur de Côte d'Ivoire	WHO Collaborating Centre for Reference and Research on Influenza	Xiaomin Dong, Herve Kadio, Yi-Mo Deng, Ammar Aziz, Naomi Komadina
EPI_ISL_6174132, EPI_ISL_6174133,	Cote d'ivoire, Institut Pasteur de Cote d'ivoire	WHO Collaborating Centre for Reference and Research on	Xiaomin Dong, Herve Kadio, Yi-Mo Deng, Ammar Aziz, Naomi Komadina

EPI_ISL_6174134, EPI_ISL_6174137		Influenza	
EPI_ISL_6174138, EPI_ISL_6208721	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_6268437, EPI_ISL_6268455, EPI_ISL_6268456, EPI_ISL_6268457, EPI_ISL_6268594, EPI_ISL_6268595, EPI_ISL_6268596, EPI_ISL_6268597, EPI_ISL_6268598, EPI_ISL_6268599, EPI_ISL_6268606, EPI_ISL_6268607, EPI_ISL_6268611, EPI_ISL_6268612, EPI_ISL_6268617, EPI_ISL_6268618, EPI_ISL_6268620, EPI_ISL_6268621, EPI_ISL_6268622, EPI_ISL_6268623, EPI_ISL_6268625, EPI_ISL_6268626, EPI_ISL_6268627, EPI_ISL_6268628, EPI_ISL_6314463, EPI_ISL_6314464, EPI_ISL_6314465, EPI_ISL_6314466, EPI_ISL_6314467, EPI_ISL_6314468, EPI_ISL_6314469, EPI_ISL_6314470, EPI_ISL_6314471, EPI_ISL_6314585, EPI_ISL_6314640, EPI_ISL_6314641, EPI_ISL_6314642, EPI_ISL_6314658, EPI_ISL_6314659, EPI_ISL_6314660, EPI_ISL_6314661, EPI_ISL_6314662, EPI_ISL_6314663			
see above	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_6494786, EPI_ISL_6494789, EPI_ISL_6494790, EPI_ISL_6494791, EPI_ISL_6494795, EPI_ISL_6494797, EPI_ISL_6494798, EPI_ISL_6494799, EPI_ISL_6494801, EPI_ISL_6494802, EPI_ISL_6494803, EPI_ISL_6494804, EPI_ISL_6494810, EPI_ISL_6494812, EPI_ISL_6494813, EPI_ISL_6494814, EPI_ISL_6494817, EPI_ISL_6494825, EPI_ISL_6494826, EPI_ISL_6494827, EPI_ISL_6494896, EPI_ISL_6494897, EPI_ISL_6494898, EPI_ISL_6494899, EPI_ISL_6494900, EPI_ISL_6494901, EPI_ISL_6494902, EPI_ISL_6494903, EPI_ISL_6494904, EPI_ISL_6494905, EPI_ISL_6494906, EPI_ISL_6494907, EPI_ISL_6494908, EPI_ISL_6494910, EPI_ISL_6494912, EPI_ISL_6494913, EPI_ISL_6494914, EPI_ISL_6494915, EPI_ISL_6494916, EPI_ISL_6494917, EPI_ISL_6494918, EPI_ISL_6494919, EPI_ISL_6494920, EPI_ISL_6494921, EPI_ISL_6494922, EPI_ISL_6494923, EPI_ISL_6494924, EPI_ISL_6494925, EPI_ISL_6494926, EPI_ISL_6494927, EPI_ISL_6494928, EPI_ISL_6494929, EPI_ISL_6494930, EPI_ISL_6494931, EPI_ISL_6494932, EPI_ISL_6494933, EPI_ISL_6494934, EPI_ISL_6494936, EPI_ISL_6494937, EPI_ISL_6494938, EPI_ISL_6494939, EPI_ISL_6494940, EPI_ISL_6494941, EPI_ISL_6494942, EPI_ISL_6494943, EPI_ISL_6494944, EPI_ISL_6494945, EPI_ISL_6494946, EPI_ISL_6494947, EPI_ISL_6494948, EPI_ISL_6494949, EPI_ISL_6494950, EPI_ISL_6494951, EPI_ISL_6494952, EPI_ISL_6494956, EPI_ISL_6494959, EPI_ISL_6494961, EPI_ISL_6494964, EPI_ISL_6494968, EPI_ISL_6494969, EPI_ISL_6494972, EPI_ISL_6494978, EPI_ISL_6494982, EPI_ISL_6494986, EPI_ISL_6494987, EPI_ISL_6494989, EPI_ISL_6494990, EPI_ISL_6494994, EPI_ISL_6494999, EPI_ISL_6495000, EPI_ISL_6495002, EPI_ISL_6495005, EPI_ISL_6495006, EPI_ISL_732343, EPI_ISL_732349, EPI_ISL_732350, EPI_ISL_732351, EPI_ISL_732352, EPI_ISL_732353, EPI_ISL_732354, EPI_ISL_732355, EPI_ISL_732356, EPI_ISL_732358, EPI_ISL_732362, EPI_ISL_732363, EPI_ISL_732364, EPI_ISL_732365, EPI_ISL_732366, EPI_ISL_732367, EPI_ISL_732371, EPI_ISL_732373			
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_9003920	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