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SA Pathology

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FPI ISI 511925 National Institute of Biomedical Genomics - DBT's PAN-INDIA 1000 Arindam Maitra, Vijayshri Deotale, Rahul Narang, Deepashri Maraskolhe, Saumitra Das Mahatma Gandhi Institute of Medical Sciences SARS--CoV-2 RNA Genome Sequencing Consortium EPI_ISL_511926, EPI_ISL_511927, EPI_ISL_511928, EPI ISL 511929 EPI_ISL_511930, EPI_ISL_511931, EPI_ISL_511932, EPI_ISL_511933, EPI_ISL_511934, EPI_ISL_511935, EPI_ISL_511936, EPI_ISL_511937, EPI_ISL_511938, EPI_ISL_511939, EPI_ISL_511940, EPI_ISL_511941 Government Medical College National Institute of Biomedical Genomics - DBT's PAN-INDIA 1000 see above Arindam Maitra, Jyoti Iravane, Dhaval Khatri, Maitrik Dave, Saumitra Das SARS--CoV-2 RNA Genome Sequencing Consortium EPI_ISL_511942, EPI_ISL_511943, EPI_ISL_511944 Translational Health Science and Technology Institute National Institute of Biomedical Genomics - DBT's PAN-INDIA 1000 Arindam Maitra, Guruprasad Medigeshi, Sharanabasava Patil, Anbalagan Ananthraj, Madhu Pareek, Imran Khan, Gagandeep Kang, Saumitra Das SARS--CoV-2 RNA Genome Sequencing Consortium EPI_ISL_511945, EPI_ISL_511946, EPI_ISL_511947, Indian Institute of Science National Institute of Biomedical Genomics - DBT's PAN-INDIA 1000 Arindam Maitra, Bharath K Sundararai, Harsha Raheia, N. 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Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia EPI_ISL_511963, EPI_ISL_511964, EPI_ISL_511965, EPI_ISL_511966, EPI_ISL_511967, EPI_ISL_511968, Consortium Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team (http://www.sanger.ac.uk/covid-team) EPI ISL 511969 EPI_ISL_511970 Department of Pathology, University of Cambridge Wellcome Sanger Institute for the COVID-19 Genomics UK Luke W Meredith, M. Estée Török , Myra Hosmillo, William L. Hamilton, Martin D. Curran, Theresa Feltwell, Grant Hall, Anna Yakovleva, Fahad A Khokhar, Charlotte J. Houldcroft, Laura G Caller, Aminu S. Jahun, Sarah L. Caddy, Jan Goodfellow, and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. 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EPI ISL 511984, EPI ISL 511985, EPI ISL 511985, EPI ISL 511986, EPI ISL 511986, EPI ISL 511987, EPI ISL 511997, EPI ISL 511997, EPI ISL 511999, EPI ISL 511999, EPI ISL 512002, EPI ISL 512003, EPI ISL 512003, EPI ISL 512004, EPI ISL 512004, EPI ISL 512005, EPI ISL 512005, EPI ISL 51206, EPI ISL 51206, EPI ISL 51207, EPI EPI ISL 512008, EPI ISL 512009, EPI ISL 512009, EPI ISL 512010, EPI ISL 512010, EPI ISL 512010, EPI ISL 512012, EPI ISL 512027, EPI ISL 512017, EPI ISL 512017 EPI SL 512032, EPI SL 512033, EPI SL 512033, EPI SL 512034, EPI SL 512034, EPI SL 512034, EPI SL 512035, EPI SL 512049, EPI SL 512035, EPI SL 512035, EPI SL 512049, EPI SL 512052, EPI SL 512053, EPI SL 512053, EPI SL 512049, EPI SL 512049, EPI SL 512049, EPI SL 512053, EPI SL 512053, EPI SL 512049, EPI SL 512053, EPI SL 512049, EPI SL 512053, EPI SL 512049, EPI SL

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EPI_ISL_512060	B.J. Medical College and Civil hospital, Ahmedabad	Gujarat Biotechnology Research Centre	Maharshi Pandya, Nidhi Patel, Nitin Savaliya, Raghawendra Kumar, Dinesh Kumar, Zuber Saiyed, Komal Patel, Labdhi Pandya, Afzal Ansari, Nikha Trivedi, Pranay Shah, Kamlesh J Upadhyay, Sanjay Kapadia,	
	,		Apurvasinh Puvar, Janvi Raval, Zarna Patel, Monika Gandhi, Pinal Trivedi, R D Dixit, A M Kadri, Harsh Bakshi, Chaitanya Joshi, Madhvi Joshi	
EPI_ISL_512061	B.J. Medical College and Civil hospital, Ahmedabad	Gujarat Biotechnology Research Centre	Nidhi Patel, Nitin Savaliya, Raghawendra Kumar, Dinesh Kumar, Zuber Saiyed, Komal Patel, Labdhi Pandya, Afzal Ansari, Nikha Trivedi, Pranay Shah, Kamlesh J Upadhyay, Sanjay Kapadia, Apurvasinh Puvar, Janvi Raval, Zarna Patel, Monika Gandhi, Pinal Trivedi, Maharshi Pandya, R D Dixit, A M Kadri, Harsh Bakshi, Chaitanya Joshi, Madhvi Joshi	
EPI_ISL_512062	B.J. Medical College and Civil hospital, Ahmedabad	Gujarat Biotechnology Research Centre	Nitin Savaliya, Raghawendra Kumar, Dinesh Kumar, Zuber Saiyed, Komal Patel, Labdhi Pandya, Afzal Ansari, Nikha Trivedi, Pranay Shah, Kamlesh J Upadhyay, Sanjay Kapadia, Apurvasinh Puvar, Janvi Raval, Zarna Patel, Monika Gandhi, Pinal Trivedi, Maharshi Pandya, Nidhi Patel, R D Dixit, A M Kadri, Harsh Bakshi, Chaitanya Joshi, Madhvi Joshi	
EPI_ISL_512063	B.J. Medical College and Civil hospital, Ahmedabad	Gujarat Biotechnology Research Centre	Raghawendra Kumar, Dinesh Kumar, Zuber Saiyed, Komal Patel, Labdhi Pandya, Afzal Ansari, Nikha Trivedi, Pranay Shah, Kamlesh J Upadhyay, Sanjay Kapadia, Apurvasinh Puvar, Janvi Raval, Zarna Patel, Monika Gandhi, Pinal Trivedi, Maharshi Pandya, Nidhi Patel, Nitin Savaliya, R D Dixit, A M Kadri, Harsh Bakshi, Chaitanya Joshi, Madhvi Joshi	
EPI_ISL_512064	B.J. Medical College and Civil hospital, Ahmedabad	Gujarat Biotechnology Research Centre	Dinesh Kumar, Zuber Saiyed, Komal Patel, Labdhi Pandya, Afzal Ansari, Nikha Trivedi, Pranay Shah, Kamlesh J Upadhyay, Sanjay Kapadia, Apurvasinh Puvar, Janvi Raval, Zarna Patel, Monika Gandhi, Pinal Trivedi, Maharshi Pandya, Nidhi Patel, Nitin Savaliya, Raghawendra Kumar, R D Dixit, A M Kadri, Harsh Bakshi, Chaitanya Joshi, Madhvi Joshi	
EPI_ISL_512065	B.J. Medical College and Civil hospital, Ahmedabad	Gujarat Biotechnology Research Centre	Zuber Saiyed, Komal Patel, Labdhi Pandya, Afzal Ansari, Nikha Trivedi, Pranay Shah, Kamlesh J Upadhyay, Sanjay Kapadia, Apurvasinh Puvar, Janvi Raval, Zarna Patel, Monika Gandhi, Pinal Trivedi, Maharshi Pandya, Nidhi Patel, Nitin Savaliya, Raghawendra Kumar, Dinesh Kumar, R D Dixit, A M Kadri, Harsh Bakshi, Chaitanya Joshi, Madhvi Joshi	
EPI_ISL_512066	Sardar Vallabhbhai Patel Institute of Medical Sciences & Research	Gujarat Biotechnology Research Centre	Komal Patel, Labdhi Pandya, Afzal Ansari, Nikha Trivedi, Pranay Shah, Kamlesh J Upadhyay, Sanjay Kapadia, Apurvasinh Puvar, Janvi Raval, Zarna Patel, Monika Gandhi, Pinal Trivedi, Maharshi Pandya, Nidhi Patel, Nitin Savaliya, Raghawendra Kumar, Dinesh Kumar, Zuber Saiyed, R D Dixit, A M Kadri, Harsh Bakshi, Chaitanya Joshi, Madhvi Joshi	
EPI_ISL_512067	Sardar Vallabhbhai Patel Institute of Medical Sciences & Research	Gujarat Biotechnology Research Centre	Labdhi Pandya, Afzal Ansari, Nikha Trivedi, Pranay Shah, Kamlesh J Upadhyay, Sanjay Kapadia, Apurvasinh Puvar, Janvi Raval, Zarna Patel, Monika Gandhi, Pinal Trivedi, Maharshi Pandya, Nidhi Patel, Nitin Savaliya, Raghawendra Kumar, Dinesh Kumar, Zuber Saiyed, Komal Patel, R D Dixit, A M Kadri, Harsh Bakshi, Chaitanya Joshi, Madhvi Joshi	
EPI_ISL_512068	Sardar Vallabhbhai Patel Institute of Medical Sciences & Research	Gujarat Biotechnology Research Centre	Afzal Ansari, Nikha Trivedi, Pranay Shah, Kamlesh J Upadhyay, Sanjay Kapadia, Apurvasinh Puvar, Janvi Raval, Zarna Patel, Monika Gandhi, Pinal Trivedi, Maharshi Pandya, Nidhi Patel, Nitin Savaliya, Raghawendra Kumar, Dinesh Kumar, Zuber Saiyed, Komal Patel, Labdhi Pandya, R D Dixit, A M Kadri, Harsh Bakshi, Chaitanya Joshi, Madhvi Joshi	
EPI_ISL_512069	Sardar Vallabhbhai Patel Institute of Medical Sciences & Research	Gujarat Biotechnology Research Centre	Nikha Trivedi, Pranay Shah, Kamlesh J Upadhyay, Sanjay Kapadia, Apurvasinh Puvar, Janvi Raval, Zarna Patel, Monika Gandhi, Pinal Trivedi, Maharshi Pandya, Nidhi Patel, Nitin Savaliya, Raghawendra Kumar, Dinesh Kumar, Zuber Saiyed, Komal Patel, Labdhi Pandya, Afzal Ansari, R D Dixit, A M Kadri, Harsh Bakshi, Chaitanya Joshi, Madhvi Joshi	
EPI_ISL_512070	Department of MicroBiology, Government Medical College, Surat	Gujarat Biotechnology Research Centre	Naresh Chauhan, Summaiya Mullan, Amit gamit, Apurvasinh Puvar, Janvi Raval, Zama Patel, Monika Gandhi, Pinal Trivedi, Maharshi Pandya, Nidhi Patel, Nitin Savaliya, Raghawendra Kumar, Dinesh Kumar, Zuber Saiyed, Komal Patel, Labdhi Pandya, Afzal Ansari, Nikha Trivedi, R D Dixit, A M Kadri, Harsh Bakshi, Chaitanya Joshi, Madhvi Joshi	
EPI_ISL_512071	Department of MicroBiology, Government Medical College, Surat	Gujarat Biotechnology Research Centre	Summaiya Mullan, Amit gamit, Apurvasinh Puvar, Janvi Raval, Zarna Patel, Monika Gandhi, Pinal Trivedi, Maharshi Pandya, Nidhi Patel, Nitin Savaliya, Raghawendra Kumar, Dinesh Kumar, Zuber Saiyed, Komal Patel, Labdhi Pandya, Afzal Ansari, Nikha Trivedi, Naresh Chauhan, R D Dixit, A M Kadri, Harsh Bakshi, Chaitanya Joshi, Madhvi Joshi	
EPI_ISL_512072	Saikrishna Hospital, Mehsana	Gujarat Biotechnology Research Centre	Harshadbhai Parmar, Apurvasinh Puvar, Janvi Raval, Zarna Patel, Monika Gandhi, Pinal Trivedi, Maharshi Pandya, Nidhi Patel, Nitin Savaliya, Raghawendra Kumar, Dinesh Kumar, Zuber Saiyed, Komal Patel, Labdhi Pandya, Afzal Ansari, Nikha Trivedi, R D Dixit, A M Kadri, Harsh Bakshi, Chaitanya Joshi, Madhvi Joshi	
EPI_ISL_512073	Saikrishna Hospital, Mehsana	Gujarat Biotechnology Research Centre	Apurvasinh Puvar, Janvi Raval, Zarna Patel, Monika Gandhi, Pinal Trivedi, Maharshi Pandya, Nidhi Patel, Nitin Savaliya, Raghawendra Kumar, Dinesh Kumar, Zuber Saiyed, Komal Patel, Labdhi Pandya, Afzal Ansari, Nikha Trivedi, Harshadbhai Parmar, R D Dixit, A M Kadri, Harsh Bakshi, Chaitanya Joshi, Madhvi Joshi	
EPI_ISL_512074	Saikrishna Hospital, Mehsana	Gujarat Biotechnology Research Centre	Janvi Raval, Zarna Patel, Monika Gandhi, Pinal Trivedi, Maharshi Pandya, Nidhi Patel, Nitin Savaliya, Raghawendra Kumar, Dinesh Kumar, Zuber Saiyed, Komal Patel, Labdhi Pandya, Afzal Ansari, Nikha Trivedi, Harshadbhai Parmar, Apurvasinh Puvar, R D Dixit, A M Kadri, Harsh Bakshi, Chaitanya Joshi, Madhvi Joshi	
EPI_ISL_512075	Dr. RSS Hospital, Modasa	Gujarat Biotechnology Research Centre	Monika Gandhi, Pinal Trivedi, Maharshi Pandya, Nidhi Patel, Nitin Savaliya, Raghawendra Kumar, Dinesh Kumar, Zuber Saiyed, Komal Patel, Labdhi Pandya, Afzal Ansari, Nikha Trivedi, Harsh Chaudhari, Apurvasinh Puvar, Janvi Raval, Zarna Patel, R D Dixit, A M Kadri, Harsh Bakshi, Chaitanya Joshi, Madhvi Joshi	
EPI_ISL_512076	Dr. RSS Hospital, Modasa	Gujarat Biotechnology Research Centre	Pinal Trivedi, Maharshi Pandya, Nidhi Patel, Nitin Savaliya, Raghawendra Kumar, Dinesh Kumar, Zuber Saiyed, Komal Patel, Labdhi Pandya, Afzal Ansari, Nikha Trivedi, Harsh Chaudhari, Apurvasinh Puvar, Janvi Raval, Zarna Patel, Monika Gandhi, R D Dixit, A M Kadri, Harsh Bakshi, Chaitanya Joshi, Madhvi Joshi	
EPI_ISL_512077	Dr. RSS Hospital, Modasa	Gujarat Biotechnology Research Centre	Maharshi Pandya, Nidhi Patel, Nitin Savaliya, Raghawendra Kumar, Dinesh Kumar, Zuber Saiyed, Komal Patel, Labdhi Pandya, Afzal Ansari, Nikha Trivedi, Harsh Chaudhari, Apurvasinh Puvar, Janvi Raval, Zarna Patel, Monika Gandhi, Pinal Trivedi, R D Dixit, A M Kadri, Harsh Bakshi, Chaitanya Joshi, Madhvi Joshi	
EPI_ISL_512086	UW Virology lab	UW Virology lab	Pavitra Roychoudhury, Amin Addetia, Hong Xie, Lasata Shrestha, Truong Nguyen, Meei-Li Huang, Keith Jerome, Alexander Greninger	
EPI_ISL_512087, EPI_ISL_512088, EPI_ISL_512089, EP	PLISL_512090, EPLISL_512091, EPLISL_512092, EPLISL_512093, EPLISL_5	512094, EPI_ISL_512095, EPI_ISL_512096, EPI_ISL_512097, EP	N_LSL_512098, EPI_ISL_512099, EPI_ISL_512100, EPI_ISL_512101, EPI_ISL_512102, EPI_ISL_512103, EPI_ISL_512104, EPI_ISL_512105, EPI_ISL_512106	
see above	National Virus Reference Laboratory	National Virus Reference Laboratory	Michael Carr, Gabriel Gonzalez, Jonathan Dean, Aditi Chaturvedi, Suzie Coughlan, Cillian F De Gascun	
EPI_ISL_512107	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton	
	PI ISL 512138. EPI ISL 512139. EPI ISL 512140. EPI ISL 512141. EPI ISL	512142. EPI ISL 512143. EPI ISL 512144. EPI ISL 512145. EP	9 ISL 512146, EPI ISL 512147, EPI ISL 512148, EPI ISL 512149, EPI ISL 512150, EPI ISL 512151, EPI ISL 512152, EPI ISL 512153, EPI ISL 512154, EPI ISL 512155, EPI ISL 512156, EPI ISL 512157	
see above				
See above Alaska State Virology Laboratory Chen Jet al with Pathogeomics group Dagdag R, Redlinger M, Milton E, George W, Kovalenko A, Drown DM, Bortz E EP SL_512159, EP SL_512159, EP SL_512160, EP SL_512161, EP SL_512161, EP SL_512163, EP SL_512164, EP SL_512179, EP SL_512180, EP SL_512181, EP SL_512180, EP				
see above	San Diego County Public Health Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Tracy Basler, Jovan Shephard, Brett Austin	
EPI_ISL_512296, EPI_ISL_512297, EPI_ISL_512298, EPI_ISL_512299, EPI_ISL_512300, EPI_ISL_512301, EPI_ISL_512302, EPI_ISL_512303	Hematology Laboratory, Section of Molecular Diagnostics, University Clinical Centre, Medical University of Gdansk	Department of Virology, Faculty of Medicine, University of Helsinki, Helsinki, Finland	Maciej Grzybek, Marlena Robakowska, Aneta Szulc, Ewa Miłosz, Olli Vapalahti, Teemu Smura	
EPI_ISL_512313, EPI_ISL_512314	E. Gulbja Laboratorija	Latvian Biomedical Research and Study Centre	Ivars Silamiķelis, Kaspars Megnis, Monta Ustinova, Nikita Zrelovs, Vita Rovīte, Mikus Gavars, Dmitrijs Perminovs, Uga Dumpis, Jānis Kloviņš	
EPI_ISL_512330, EPI_ISL_512331, EPI_ISL_512332, EPI_ISL_512333, EPI_ISL_512334, EPI_ISL_512335	Department of Pathology, University of Cambridge	COVID-19 Genomics UK (COG-UK) Consortium	Luke W Meredith, M. Estée Török, Myra Hosmillo, William L. Hamilton, Martin D. Curran, Theresa Feltwell, Grant Hall, Anna Yakovleva, Fahad A Khokhar, Charlotte J. Houldcroft, Laura G Caller, Aminu S. Jahun, Sarah L. Caddy, Yasmin Chaudhry, Malte Pinckert, Ian Goodfellow	
EPI_ISL_512336, EPI_ISL_512337, EPI_ISL_512338, EPI_ISL_512339, EPI_ISL_512340, EPI_ISL_512341	University of Exeter	COVID-19 Genomics UK (COG-UK) Consortium	Ben Temperton, Aaron Jeffries, Michelle Michelsen, Joanna Warwick-Dugdale, Audrey Farbos, Robyn Manley, Stephen Michell, Jane Masoli	
EPI_ISL_512342, EPI_ISL_512343, EPI_ISL_512344, EPI_ISL_512345, EPI_ISL_512346, EPI_ISL_512347	Liverpool Clinical Laboratories	COVID-19 Genomics UK (COG-UK) Consortium	Sam Haldenby, Anita Lucaci, Steve Paterson, Julian Hiscox, Alistair Darby, M Almsaud, A Alrezaihi, Muhannad Alruwaili, Stuart D Armstrong, Jones Benjamin, Eleanor G Bentley, Anu Chawla, Jordan J Clark, Angela Cowell, Richard Eccles, Isabel García-Dorival, Matthew Gemmell, Alessandro Gerada, PKF Gilmore, Richard Gregory, Ximeng Han, Catherine Hartley, Margaret Hughes, Miren Iturriza-Gomara, James Johnson, L Luu, Jenifer Manson, Charlotte Nelson, Elaine O'Toole, Cassie Olateju, Rebekah Penrice-Randal, Lucille Rainbow, N. P. Randle, Trevor Ian Robinson, Parul Sharma, Ghada T Shawli, James P Stewart, Neil Swainston, Ecaterina Vamos, Joanne Watts, Mark Whitehead	
EPI JSL_512348, EPI JSL_512349, EPI JSL_512350, EPI JSL_512350, EPI JSL_512351, EPI JSL_512355, EPI JSL_512353, EPI JSL_512355, EPI JSL_512355, EPI JSL_512356, EPI JSL_512360, EPI JSL_512360				
see above	Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust	COVID-19 Genomics UK (COG-UK) Consortium	Darren L Smith, Andrew Nelson, Matthew Bashton, Greg R Young, Joshua Loh, John Allan, Mohammad A Tariq, Giles S Holt, Gary Black, Wen C Yew, Lynn Dover, Paul Baker, Steve Liggett, Sarah Essex, Jane Greenaway, Debra Padgett, Clive Graham, Garren Scott, Edward Barton, Emma Swindells, Brendan Payne, Jennifer Collins, Yusri Taha, Gary Eltringham	
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see above	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker, Gemma L. Kay, Alp Aydin, Thanh Le-Viet, Steven Rudder, Ana P. Tedim, Anastasia Kolyva, Maria Diaz, Leonardo de Oliveira Martins, Nabil-Fareed Alikhan, Lizzie Meadows, Rachael Stanley, Ngozi Elumogo, Muhammed Yasir, Nicholas M. Thomson, Alexander J Trotter, Rachel Gilroy, Samuel Bloomfield, Claire Stuart, Andrew Bell, Reenesh Prakash, Samir Dervisevic, Alison E. Mather, John Wain, Mark Webber, Andrew J. Page, Lustin O'Grady	
EPI_ISL_512379, EPI_ISL_512380, EPI_ISL_512381, Queens Medical Centre, Clinical Microbiology Department / DeepSeq COVID-19 Genomics UK (COG-UK) Consortium Gemma Clark, Wendy Smith, Manjinder Khakh, Vicki M Fleming, Michelle M Lister, Hannah Howson-Wells, Jonathan Ball, Patrick McClure, Joseph Chappell, Theocharis Tsoleridis, Nadine Holmes, Matthew Carlisle, Christopher Moore, Fei Sang, Johnny Debebe, Victoria Wright, Matthew Loose				
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see above	Centre for Enzyme Innovation, University of Portsmouth / Translational Research Laboratory, Portsmouth Hospitals NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Angela Beckett, Yann Bourgeois, Garry Scarlett, Sharon Glaysher, Scott Elliott, Kelly Bicknell, Robert Impey, Allyson Lloyd, Sarah Wyllie, Ethan Butcher, Anoop Chauhan, Samuel Robson	

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B.J. Medical College and Civil hospital, Ahmedabad

West of Scotland Specialist Virology Centre, NHSGGC / MRC-

University of Glasgow Centre for Virus Research

Gujarat Biotechnology Research Centre

Catherine Moore, Johnathan Evans, Laura Gifford, Malorie Perry, Simon Cottrell, Angela Marchbank, Alec Birchley, Alexander Adams, Amy Gaskin, Bree Gatica-Wilcox, Jason Coombes, Joel Southgate, Lauren Gilbert, Lee Graham, Nicole Pacchiarini, Sara Kumziene-Summerhayes, Sarah Taylor, Sophie Jones, Sara Rey, Matthew Bull, Joanne Watkins, Sally Corden, Tom Connor Wales Specialist Virology Centre Sequencing lab: Pathogen Genomics Unit COVID-19 Genomics UK (COG-UK) Consortium

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COVID-19 Genomics UK (COG-UK) Consortium

EP | SL_512539, EP| | SL_512530, EP| | SL_512530, EP| | SL_512531, EP| | SL_512531, EP| | SL_512533, EP| | SL_512534, EP| | SL_512535, EP| | SL_512535, EP| | SL_512536, EP| | S

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Gulbja Laboratorija Latvian Biomedical Research and Study Centre Ivars Silamikelis, Kaspars Megnis, Monta Ustinova, Nikita Zrelovs, Vita Rovīte, Mikus Gavars, Dmitrijs Perminovs, Uga Dumpis, Jānis Klovinš FPI ISI 512647, FPI ISI 512648 Latvijas Infektoloģijas centrs Latvian Biomedical Research and Study Centre Ivars Silamikelis, Kaspars Megnis, Monta Ustinova, Nikita Zrelovs, Vita Rovite, Jelena Storoženko, Tatiana Kolupajeva, Oksana Savicka, Uga Dumpis, Jānis Klovinš EPI_ISL_512649 Latvijas Infektoloģijas centrs Latvian Biomedical Research and Study Centre Ivars Silamikelis, Kaspars Megnis, Monta Ustinova, Nikita Zrelovs, Vita Rovīte, Jelena Storoženko, Tatjana Kolupajeva, Oksana Savicka, Uga Dumpis, Jānis Klovinš EPI ISL 512650, EPI ISL 512651, EPI ISL 512652 Latvijas Infektoloģijas centrs Latvian Biomedical Research and Study Centre Ivars Silamikelis, Kaspars Megnis, Monta Ustinova, Nikita Zrelovs, Vita Rovite, Jelena Storoženko, Tatiana Kolupajeva, Oksana Savicka, Uga Dumpis, Jānis Klovinš EPI ISL 512653 Area De Salud Desamparados 1 - Clinica Dr. Marcial Fallas (Grifo Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godinez & Melany Calderor Inciensa, Instituto Costarricense de Investigación y Enseñanza en Alto/Desampara Nutrición y Salud Hospital Dr. Rafael A. Calderon Guardia [San Jose/San Jose] Inciensa, Instituto Costarricense de Investigación y Enseñanza en EPI_ISL_512654 Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godinez & Melany Calderon Nutrición v Salud EPI ISL 512655 Hospital De Niños Dr. Carlos Saenz Herrera [San Jose/San Jose] Inciensa, Instituto Costarricense de Investigación y Enseñanza en Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godinez & Melany Calderor Nutrición y Salud EPI ISL 512656 Area De Salud Pavas (Coopesalud) [Pavas/San Jose Inciensa, Instituto Costarricense de Investigación y Enseñanza en Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godinez & Melany Calderor Nutrición y Salud Inciensa, Instituto Costarricense de Investigación y Enseñanza en EPI_ISL_512657 Area De Salud Tibas-Uruca-Merced - Clinica Dr. Clorito Picado Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godinez & Melany Calderor [Tihas/San Insel] Nutrición v Salud EPI_ISL_512658 Area De Salud Orotina-San Mateo [Orotina/Alajuela] Inciensa, Instituto Costarricense de Investigación y Enseñanza en Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godinez & Melany Calderon Nutrición v Salud EPI_ISL_512659 Area De Salud Fortuna Inciensa, Instituto Costarricense de Investigación y Enseñanza en Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godinez & Melany Calderon Nutrición v Salud EPI_ISL_512660, EPI_ISL_512661 Area De Salud Los Chiles Inciensa, Instituto Costarricense de Investigación y Enseñanza en Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godinez & Melany Calderor Nutrición y Salud EPI_ISL_512662 Area De Salud La Cruz Inciensa, Instituto Costarricense de Investigación y Enseñanza en Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godinez & Melany Calderon Nutrición y Salud EPI_ISL_512663, EPI_ISL_512664 Area De Salud Alajuela Norte - Clinica Dr. Marcial Rodriguez Inciensa, Instituto Costarricense de Investigación y Enseñanza en Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godinez & Melany Calderor Nutrición v Salud EPI ISL 512665 Hospital De Las Mujeres Dr. Adolfo Carit Inciensa, Instituto Costarricense de Investigación y Enseñanza en Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godinez & Melany Calderor Nutrición y Salud EPI ISL 512666, EPI ISL 512667 Area De Salud La Cruz Inciensa, Instituto Costarricense de Investigación y Enseñanza en Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godinez & Melany Calderon Nutrición y Salud EPI_ISL_512668 Area De Salud Corredores Inciensa, Instituto Costarricense de Investigación y Enseñanza en Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godinez & Melany Calderon Nutrición y Salud EPI ISL 512669 Area De Salud Alaiuela Norte - Clinica Dr. Marcial Rodriguez Inciensa, Instituto Costarricense de Investigación y Enseñanza en Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godinez & Melany Calderon Nutrición v Salud Inciensa, Instituto Costarricense de Investigación y Enseñanza en EPI_ISL_512670 Centro Nacional De Rehabilitacion Humberto Arava Roias (Cenare) Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godinez & Melany Calderor Nutrición v Salud EPI_ISL_512671 Area De Salud La Cruz Inciensa, Instituto Costarricense de Investigación y Enseñanza en Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godinez & Melany Calderon Nutrición y Salud EPI ISL_512672, EPI_ISL_512673, EPI_ISL_512674, Hospital De Niños Dr. Carlos Saenz Herrera [San Jose/San Jose] Inciensa, Instituto Costarricense de Investigación y Enseñanza en Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godinez & Melany Calderon EPI ISL 512675 Nutrición y Salud EPI ISL 512676, EPI ISL 512677 Florida Bureau of Public Health Laboratories Florida Bureau of Public Health Laboratories Sarah Schmedes, Iason Blantor EPI_SL_512712, EPI_JSL_512713, EPI_JSL_512713, EPI_JSL_512714, EPI_JSL_512714, EPI_JSL_512715, EPI_JSL_512715, EPI_JSL_512715, EPI_JSL_512715, EPI_JSL_512715, EPI_JSL_512716, EPI_JSL_5127173, EPI_JSL_512717, EPI_JSL_512717, EPI_JSL_512717, EPI_JSL_5127173, EPI_JSL_512717, EPI_JSL_51271 EPĪSL_512736, EPĪSL_512737, EPĪSL_512737, EPĪSL_512737, EPĪSL_512737, EPĪSL_512737, EPĪSL_512737, EPĪSL_512755, EPĪSL_512757, EP EPI ISL 512760, EPI ISL 512761, EPI ISL 512762, EPI ISL 512763, EPI ISL 512764, EPI ISL 512765 PathWest Laboratory Medicine WA PathWest Laboratory Medicine WA Microbial Surveillance Unit PathWest Laboratory Medicine WA Microbial Surveillance Unit EPI ISL 512766, EPI ISL 512767, EPI ISL 512768,

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EPI_ISL_512785, EPI_ISL_512786, EPI_ISL_512786, EPI_ISL_512787, EPI_ISL_512787, EPI_ISL_512787, EPI_ISL_512787, EPI_ISL_512803, EPI_ISL_512803, EPI_ISL_512803, EPI_ISL_512803, EPI_ISL_512803, EPI_ISL_512803, EPI_ISL_512803, EPI_ISL_512803, EPI_ISL_512804, EPI_ISL_512792, EPI_ISL_512792, EPI_ISL_512803, EPI_ISL_512803, EPI_ISL_512803, EPI_ISL_512793, EPI_ISL_512793, EPI_ISL_512793, EPI_ISL_512793, EPI_ISL_512793, EPI_ISL_512803, EPI_ISL_512803, EPI_ISL_512803, EPI_ISL_512803, EPI_ISL_512803, EPI_ISL_512803, EPI_ISL_512803, EPI_ISL_512803, EPI_ISL_512793, EPI_ISL_512793, EPI_ISL_512803, EPI_ISL_512803, EPI_ISL_512803, EPI_ISL_512793, EPI_ISL_512793, EPI_ISL_512793, EPI_ISL_512793, EPI_ISL_512793, EPI_ISL_512803, EPI_ISL_512803, EPI_ISL_512803, EPI_ISL_512793, EPI_ISL_512803, EPI_ISL_512803 EPI_ISL_512809 Fries.A.C., Purves.S.M., Meyer.I.R., Javorina.A.K., Connors.B.C., Macias.E.A., Lambert.A.W., Chapleau.R.R., Starr.C.R

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EPI ISL_512811, EPI ISL_512812, EPI ISL_512813, EPI ISL_512813, EPI ISL_512814, EPI ISL_512815, EPI ISL_512816, EPI ISL_512817, EPI ISL_512818, EPI ISL_512819, EPI ISL_512820, EPI ISL_512821 Kenema Government Hospital, Ministry of Health and Sanitation Kenema Government Hospital, Ministry of Health and Sanitation

Technology(KAUST)

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EPI_ISL_512781, EPI_ISL_512782, EPI_ISL_512783, FPI ISI 512784

Goba.A., Momoh.M., Sandi, I., Tomkins-Tinch, C., Siddle, K., Mehta, S., Olunivi, P., Ialloh, S., Park, D., Andersen, K., Garry, R., Happi, C., Grant, D., Olawove, I.

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EPI_ISL_512844 Department of Medical Research DMR_Myanma Myat Htut Nyunt, Hnin Ohnmar Soe, Kay Thi Aye, Wah Wah Aung, Yi Yi Kyaw, Aung Kyaw Kyaw, Theingi Win Myat, Phyu Win Ei, Aung Zaw Latt, Nan Aye Thida Oo, Lai Lai San, Su Mon Win, Ni Ni Zaw, Htin Lin, Hlaing Mvat Thu, Zaw Than Htun

O.I.I. MORGUE IUDICIAL Inciensa, Instituto Costarricense de Investigación y Enseñanza en EPI ISL 512846 Francisco Duarte, Hebleen Porras, Claudio Soto-Garita, Estela Cordero, Adriana Godinez & Melany Calderor Nutrición y Salud

EPI_SL_512847, EPI_JSL_512848, EPI_JSL_512848, EPI_JSL_512849, EPI_JSL_512850, EPI_JSL_512855, EPI_JSL_512855, EPI_JSL_512855, EPI_JSL_512857, EPI_ISL_512871, EPI_ISL_512872

see above Ramathibodi Hospita COVID-19 Network Investigations (CONI) Alliance Elizabeth Batty, Wasun Chantratita, Thanat Chookajorn, Stefan Fernandez, Angkana Huang, Anthony R. Jones, Khajohn Joonsalak, Chonticha Klungtong, Theerarat Kochakarn, Namfon Kotanan, Krittikorn Kumpornsin, Wudtichai Manasatienkii, Bhakbhoom Panthan, Ekawat Pasomsub, Kingkan Rakmanee, Insee Sensorn, Janjira Thaipadungpanit, Arporn Wangwiwatsin, Treewat Watthanachockchai EPI ISL 512873 Richard Niouom and Serge Alain SADEUH-Mba Centre Pasteur of Cameroun Virology Service, Centre Pasteur of Cameroun

EPI_SL_512874, EPI_SL_512875, EPI_SL_512875, EPI_SL_512876, EPI_SL_512877, EPI_SL_512877, EPI_SL_512893, EPI_SL EPI ISL 512898, EPI ISL 512899, EPI ISL 512900, EPI ISL 512901, EPI ISL 512902, EPI ISL 512903 see above Pathogen Genomics Lab King Abdullah University of Science and Pathogen Genomics Lab King Abdullah University of Science and Raeece Naeem, Rahul P Salunke, Sharif Hala, Sara Mfarrej, Amit Kumar Subudhi, Fadwa Alofi, Fathia Ben Rached, Afrah Alsomali, Asim Khogeer, Ahmad Bakur Mahmoud, Anwar Hashem, Naif Almontashiri, Arnab

EPI_ISL_512904, EPI_ISL_512905, EPI_ISL_512906, Pathogen Genomics Lab King Abdullah University of Science and Pathogen Genomics Lab King Abdullah University of Science and Fathia Ben Rached, Raeece Naeem, Sharif Hala, Fadwa Alofi, Rahul P Salunke, Sara Mfarrej, Amit Kumar Subudhi, Afrah Alsomali, Asim Khogeer, Ahmad Bakur Mahmoud, Anwar Hashem, Naif Almontashiri, Arnab EPI ISL 512907 Technology(KAUST) Technology(KAUST) Pain EPI_ISL_512908, EPI_ISL_512909, EPI_ISL_512910, Sharif Hala, Fadwa Alofi, Sara Mfarrei, Amit Kumar Subudhi, Rahul P Salunke, Fathia Ben Rached, Amanda Ooi, Luke Esau, Afrah Alsomali, Asim Khogeer, Jumana Taha, Abdulaziz Alahmadi, Kahled Algithami Pathogen Genomics Lab King Abdullah University of Science and Pathogen Genomics Lab King Abdullah University of Science and

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EPI_SL_512918, EPI_JSL_512919, EPI_JSL_512991, EPI_JSL_512920, EPI_JSL_512920, EPI_JSL_512927, EPI_JSL_512923, EPI_JSL_51293, EPI_JSL_51293,

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EPI_ISL_513333, EPI_ISL_513334

Sydney South West Pathology Service (SSWPS) - Liverpool Hospital - NSW Health Pathology - Institute of Clinical Pathology and Medical

Research; Westmead Hospital; University of Sydney

NSW Health Pathology

EPI_ISL_513335	Pathology North - Hunter - NSW Health Pathology	NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney	CIDM	I-PH et al.
EPI_ISL_513336, EPI_ISL_513337	Sydney South West Pathology Service (SSWPS) - Liverpool Hospital - NSW Health Pathology		CIDM	I-PH et al.
EPI_ISL_513338, EPI_ISL_513339	Pathology West - NSW Health Pathology	NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney	CIDM	I-PH et al.
EPI_ISL_513340	Austech Medical Laboratories	NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney	CIDM	I-PH et al.
EPI_ISL_513341	Medlab Pathology	NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney	CIDM	I-PH et al.
EPI_ISL_513342	Pathology West - NSW Health Pathology	NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney	CIDM	I-PH et al.
EPI_ISL_513343, EPI_ISL_513344	Children Westmead Hospital	NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney	CIDM	I-PH et al.
EPI_ISL_513345, EPI_ISL_513346	Pathology West - NSW Health Pathology	NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney	CIDM	I-PH et al.
EPI_ISL_513347	St Vincent's Pathology (SydPath)	NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney	CIDM	I-PH et al.
EPI_ISL_513348, EPI_ISL_513349	4Cyte Pathology	NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney	CIDM	I-PH et al.
EPI_ISL_513350, EPI_ISL_513351	Pathology West - NSW Health Pathology	NSW Health Pathology - Institute of Clinical Pathology and Medical Research: Westmead Hospital: University of Sydney	CIDM	I-PH et al.
EPI_ISL_513352	South Eastern Area Laboratory Services (SEALS)	NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney	CIDM	I-PH et al.
EPI_ISL_513353, EPI_ISL_513354, EPI_ISL_513355, EPI_ISL_513356	St Vincent's Pathology (SydPath)	NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney	CIDM	I-PH et al.
EPI_ISL_513357	Douglas Hanly Moir	NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney	CIDM	I-PH et al.
EPI_ISL_513358, EPI_ISL_513359	Pathology West - NSW Health Pathology	NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney	CIDM	I-PH et al.
EPI_ISL_513360	Pathology North - Hunter - NSW Health Pathology	NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney	CIDM	I-PH et al.
EPI_ISL_513361, EPI_ISL_513362, EPI_ISL_513363, EPI_ISL_513364, EPI_ISL_513365	St Vincent's Pathology (SydPath)	NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney	CIDM	I-PH et al.
EPI_ISL_513366, EPI_ISL_513367	Sydney South West Pathology Service (SSWPS) - Liverpool Hospital - NSW Health Pathology		CIDM	I-PH et al.
EPI_ISL_513368	Pathology North - Hunter - NSW Health Pathology	NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney	CIDM	I-PH et al.
EPI_ISL_513369, EPI_ISL_513370, EPI_ISL_513371	Pathology West - NSW Health Pathology	NSW Health Pathology - Institute of Clinical Pathology and Medical Research: Westmead Hospital: University of Sydney	CIDM	I-PH et al.
EPI_ISL_513372	St Vincent's Pathology (SydPath)	NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney	CIDM	I-PH et al.
EPI_ISL_513373, EPI_ISL_513374	Sydney South West Pathology Service (SSWPS) - Liverpool Hospital - NSW Health Pathology	NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney	CIDM	I-PH et al.
EPI_ISL_513375, EPI_ISL_513376	Pathology North - Royal North Shore Hospital - NSW Health Pathology	NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney	CIDM	I-PH et al.
EPI_ISL_513377	South Eastern Area Laboratory Services (SEALS)	NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney	CIDM	I-PH et al.
EPI_ISL_513378	Pathology West - NSW Health Pathology	NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney	CIDM	I-PH et al.
EPI_ISL_513379	St Vincent's Pathology (SydPath)	NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney	CIDM	I-PH et al.
EPI_ISL_513380	Pathology West - NSW Health Pathology	NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney	CIDM	I-PH et al.
EPI_ISL_513381, EPI_ISL_513382, EPI_ISL_513383	Sydney South West Pathology Service (SSWPS) - Liverpool Hospital - NSW Health Pathology		CIDM	I-PH et al.
EPI_ISL_513384, EPI_ISL_513385	St Vincent's Pathology (SydPath)	NSW Health Pathology - Institute of Clinical Pathology and Medical	CIDM	I-PH et al.
EPI_ISL_513386, EPI_ISL_513387, EPI_ISL_513388	Pathology North - NSW Health Pathology	Research; Westmead Hospital; University of Sydney NSW Health Pathology - Institute of Clinical Pathology and Medical	CIDM	I-PH et al.
EPI_ISL_513389	Douglas Hanly Moir	Research; Westmead Hospital; University of Sydney NSW Health Pathology - Institute of Clinical Pathology and Medical	CIDM	I-PH et al.
EPI_ISL_513390, EPI_ISL_513391, EPI_ISL_513392,	Pathology West - NSW Health Pathology	Research; Westmead Hospital; University of Sydney NSW Health Pathology - Institute of Clinical Pathology and Medical	CIDM	I-PH et al.
EPI_ISL_513393, EPI_ISL_513394, EPI_ISL_513395 EPI_ISL_513396, EPI_ISL_513397, EPI_ISL_513398,	St Vincent's Pathology (SydPath)	Research; Westmead Hospital; University of Sydney NSW Health Pathology - Institute of Clinical Pathology and Medical	CIDM	I-PH et al.
EPI_ISL_513399 EPI_ISL_513400	Sydney South West Pathology Service (SSWPS) - Royal Prince Alfred Hospital - NSW Health Pathology	Research; Westmead Hospital; University of Sydney NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney	CIDM	I-PH et al.
EPI_ISL_513401	Sydney South West Pathology Service (SSWPS) - Liverpool Hospital -	NSW Health Pathology - Institute of Clinical Pathology and Medical	CIDM	I-PH et al.
EPI_ISL_513402	NSW Health Pathology 4Cyte Pathology	Research; Westmead Hospital; University of Sydney NSW Health Pathology - Institute of Clinical Pathology and Medical Pagarch; Wastmead Hospital; University of Sydney Pagarch; Wastmead Hospital; University of Sydney	CIDM	I-PH et al.
EPI_ISL_513403, EPI_ISL_513404, EPI_ISL_513405, EPI_ISL_513406, EPI_ISL_513407, EPI_ISL_513408	Laverty Pathology	Research; Westmead Hospital; University of Sydney NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hearth, University of Sydney,	CIDM	I-PH et al.
EPI_ISL_513409, EPI_ISL_513410, EPI_ISL_513411,	Sydney South West Pathology Service (SSWPS) - Liverpool Hospital - NSW Health Pathology	Research; Westmead Hospital; University of Sydney NSW Health Pathology - Institute of Clinical Pathology and Medical Pacarch; Wastmead Hospital; University of Sydney Order Of State	CIDM	I-PH et al.
EPI_ISL_513412 EPI_ISL_513413	NSW Health Pathology 4Cyte Pathology	Research; Westmead Hospital; University of Sydney NSW Health Pathology - Institute of Clinical Pathology and Medical Pagarch; Wastmead Hospital; University of Sydney Pagarch; Wastmead Hospital; University of Sydney	CIDM	I-PH et al.
EPI_ISL_513414, EPI_ISL_513415, EPI_ISL_513416, EF	PL_ISL_513417, EPL_ISL_513418, EPL_ISL_513419, EPL_ISL_513420, EPL_	Research; Westmead Hospital; University of Sydney SL_513421, EPI_ISL_513422, EPI_ISL_513423, EPI_ISL_513424, EPI_ISL	_513425, EPI_ISL_513426, EPI_ISL_513427, EPI_ISL_513428, EPI_ISL_513429, EPI_ISL_513430, EPI_ISL_5	513431, EPI_ISI
EMIJOL 313438, EMIJOL 513439, EMIJOL 513440, ER	rijoljo13441, EPI ISL 513442, EPI ISL 513443, EPI ISL 513444, EPI I Dijst 513465 EDI ISL 513466 EDI ISL 513467 EDI ISL 513468 EDI	SL 513445, EPI ISL 513446, EPI ISL 513447, EPI ISL 513448, EPI ISL SL 513460, EDI ISL 513470, EDI ISL 513471, EDI ISL 513472, EDI ISL	513449, EPI ISL 513450, EPI ISL 513451, EPI ISL 513452, EPI ISL 513453, EPI ISL 513454, EPI ISL 513476, EPI IS	13455, EPI_ISI

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Maine HETL see above Tewhey Lab, The Jackson Laboratory Matluk, N., Dewey, H., Barter, M., Lynch, R., Munger, H. and Tewhey, R. EPI_ISL_513511, EPI_ISL_513512 The National Institute of Public Health The National Institute of Public Health and State Veterinary Nagy,A;Jirincova,H;Novakova,L;Trnka,D;Vecerova,J Institute Prague

EPI ISL 513584 PHE South West Regional Laboratory, National Infection Service Wellcome Sanger Institute for the COVID-19 Genomics UK Stephanie Hutchings, Hannah Pymont, Dr Peter Muir, Barry Vipond, Rich Hopes; and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K, Jackson, Jan Johnston, Dominic Kwiatkowski, Cordelia Consortium Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team (http://www.sanger.ac.uk/covid-team EPI_ISL_513585, EPI_ISL_513586, EPI_ISL_513587, EPI_ISL_513588 Microbiology, Pathology, Kettering General Hospital Wellcome Sanger Institute for the COVID-19 Genomics UK Sahar El-dirdiri, Anita Kenyon, Thomas Davis and Alex Alderton, Roberto Amato, Sonia Goncalves, Ewan Harrison, David K. Jackson, Ian Johnston, Dominic Kwiatkowski, Cordelia Langford, John Sillitoe on behalf of the Wellcome Sanger Institute COVID-19 Surveillance Team (http://www.sanger.ac.uk/covid-team) EPI ISL 513589, EPI ISL 513590, EPI ISL 513590, EPI ISL 513591, EPI ISL 513591, EPI ISL 513592, EPI ISL 513592, EPI ISL 513607, EPI ISL 513608, EPI ISL 513608, EPI ISL 513608, EPI ISL 513608, EPI ISL 513609, EPI ISL 513608, EPI ISL 513608, EPI ISL 513608, EPI ISL 513609, EPI ISL 513599, EPI ISL 513599, EPI ISL 513599, EPI ISL 513609, EPI ISL 513599, EPI ISL 513609, EPI ISL 513609 EPĪSL_513613, EPĪSL_513614, EPĪSL_513615, EPĪSL_513616, EPĪSL_513616, EPĪSL_513617, EPĪSL_513629, EPĪSL_513618, EPĪSL_513620, EPĪSL_513620, EPĪSL_513621, EPĪSL_513621, EPĪSL_513629, EPĪSL_513629, EPĪSL_513630, EPĪSL_513630, EPĪSL_513623, EPĪSL_513631, EPĪSL_513618, EP see above Viral Respiratory Lab. National Institute for Biomedical Research Pathogen Seguencing Lab. National Institute for Biomedical Placide Mbala-Kingebeni, Edith Nkwembe, Eddy Kinganda-Lusamaki, Amuri Aziza, Francisca Muyembe Mawete, Emmanuel Lokilo Lofiko, Catherine Pratt, Matthias Pauthner, Josh Quick, Allison Black, James Hadfield. (INRR) Trevor Bedford, lan Goodfellow, Andrew Rambaut, Nick Loman, Kristian Andersen, Michael Wiley, Steve Ahuka-Mundeke, Jean-Jacques Muyembe Tamfun EPI_ISL_513632, EPI_ISL_513633, EPI_ISL_513634, University of Washington Virology Lab University of Washington Virology Lab Pavitra Roychoudhury, Hong Xie, Lasata Shrestha, Amin Addetia, Truong Nguyen, Victoria M Rachleff, Meei-Li Huang, Keith R Jerome, Alexander Greninger FPLISE 513635, FPLISE 513636, FPLISE 513637. FPI ISI 513638 EPI ISL 513640, EPI ISL 513640, EPI ISL 513641, EPI ISL 513642, EPI ISL 513643, EPI ISL 513644, EPI ISL 513647, EPI ISL 513667, EPI ISL 513667, EPI ISL 513668, EPI ISL 513669, EPI ISL 513669 EPI ISL 513688, EPI ISL 513689, EPI ISL 513690, EPI ISL 513690, EPI ISL 513690, EPI ISL 513690, EPI ISL 513701, EPI ISL 513701, EPI ISL 513702, EPI ISL 513702, EPI ISL 513704, EPI ISL 513705, EPI ISL 513705 Utah Public Health Laborator Utah Public Health Laboratory Heidi Butz, Erin Young, Kelly Oakeson EPI ISL 513707, EPI ISL 513708, EPI ISL 513708, EPI ISL 513708, EPI ISL 513710, EPI ISL 513710, EPI ISL 513712, EPI ISL 513713, EPI ISL 513723, EPI ISL 513724, EPI ISL 513724, EPI ISL 513734, EPI ISL 513734, EPI ISL 5137374, EPI ISL 5137474, EPI ISL 513744, EPI IS EPĪSL_513755, EPĪSL_513756, EPĪSL_513756, EPĪSL_513757, EPĪSL_513757, EPĪSL_513758, EPĪSL_513769, EPĪSL_513760, EP see ahove Orange County Public Health Lab Chan-Zuckerberg Biohub CZB Cliahub Consortium EPI ISL 513773, EPI ISL 513774, EPI ISL 513775, EPI ISL 513775, EPI ISL 513776, EPI ISL 513776, EPI ISL 513777, EPI ISL 513787, EPI ISL 513780, EPI ISL 513783, EPI ISL 513783, EPI ISL 513784, EPI ISL 513785, EPI ISL 513785, EPI ISL 513786, EPI ISL 513787, EPI ISL 513787 County of Santa Clara Public Health Department Chan-Zuckerberg Biohub CZB Cliahub Consortium see ahove EPI ISL 513789, EPI ISL 513790, EPI ISL 513790, EPI ISL 513790, EPI ISL 513790, EPI ISL 513792, EPI ISL 513793, EPI ISL 513803, EPI ISL 513803, EPI ISL 513803, EPI ISL 513804, EPI ISL 513806, EPI ISL 513807, EPI ISL 513808, EPI ISL 513808, EPI ISL 513794, EPI ISL 513809, EPI ISL 513809, EPI ISL 513809, EPI ISL 513807, EPI ISL 513809, EPI ISL 513794, EPI ISL 513795, EPI ISL 513795, EPI ISL 513794, EPI ISL 513794, EPI ISL 513794, EPI ISL 513794, EPI ISL 513795, EPI ISL 513795 EPĪSL_513813, EPĪSL_513814, EPĪSL_513814, EPĪSL_513815, EPĪSL_513815, EPĪSL_513816, EPĪSL_513820, EP EPI ISL 513837, EPI ISL 513838, EPI ISL 513839 CZB Cliahub Consortium see above Orange County Public Health Laboratory Chan-Zuckerberg Biohub EPI_ISL_513840, EPI_ISL_513841, EPI_ISL_513842, EPI_ISL_513843, EPI_ISL_513843, EPI_ISL_513844, EPI_ISL_513845, EPI_ISL_513845, EPI_ISL_513846, EPI_ISL_513847, EPI_ISL_513847, EPI_ISL_513850, EPI_ISL_513851, EPI_ISL_513852, EPI_ISL_513853, EPI_ISL_513854, EPI_ISL_513854 see above Humboldt County Public Health Laboratory Chan-Zuckerberg Biohub CZB Cliahub Consortium EPI ISL 513856, EPI ISL 513857, EPI ISL 513857, EPI ISL 513858, EPI ISL 513858, EPI ISL 513859, EPI ISL 513873, EPI ISL 513875, EPI ISL 513876, EPI ISL 513878, EPI ISL 513878, EPI ISL 513879, EPI ISL 513879, EPI ISL 513879, EPI ISL 513873, EPI ISL 513879, EPI ISL 513873, EPI ISL 513873 EPI_ISL_513880, EPI_ISL_513881, EPI_ISL_513882 see above San Francisco Public Health Laboratory Chan-Zuckerberg Biohub CZB Cliahub Consortium EPI ISL 513883, EPI ISL 513884, EPI ISL 513884, EPI ISL 513885, EPI ISL 513885, EPI ISL 513886, EPI ISL 513896, EPI ISL 513898, EPI ISL 513898, EPI ISL 513898, EPI ISL 513899, EPI ISL 513902, EPI ISL 513903, EPI ISL 513903, EPI ISL 513903, EPI ISL 513904, EPI ISL 513896, EPI ISL 513896, EPI ISL 513896, EPI ISL 513907, EPI ISL 513907, EPI ISL 513897, EPI ISL 513907, EPI ISL 513907, EPI ISL 513907, EPI ISL 513897, EPI ISL 513897, EPI ISL 513897, EPI ISL 513907, EPI ISL 513907, EPI ISL 513897, EPI ISL 513907, EPI ISL 513897, EPI ISL 513897, EPI ISL 513897, EPI ISL 513907, EPI ISL 513907, EPI ISL 513907, EPI ISL 513907, EPI ISL 513897, EPI ISL 513907, EPI ISL 513897, EPI ISL 513907, EPI ISL 513907 EPI_ISL_513907, EPI_ISL_513908, EPI_ISL_513909, EPI_ISL_513910 see above UCSF Clinical Microbiology Laboratory Chan-Zuckerberg Biohub CZB Cliahub Consortium SA Pathology SA Pathology EPI ISL 513911, EPI ISL 513912, EPI ISL 513913 Lex Leong, Chuan Kok Lim, Mark Turra, Ivan Bastian, Geoff Higgins EPI ISL 513925 Microbiology & Bioinformatics and Biostatistics, Kohat University of Microbiology & Bioinformatics and Biostatistics, Kohat University Khan M.T., Khan T.A., Ali S., Khan A.S., Muhammad N. and Wei D.O. Science and Technology (Pakistan) & Shanghai Jiao Tong University of Science and Technology (Pakistan) & Shanghai Jiao Tong (China) University (China) EPI ISL 513941, EPI ISL 513942 Utah Public Health Laboratory, Utah Public Health Laboratory Utah Public Health Laboratory, Utah Public Health Laboratory Butz, H.A., Young, E.L. and Oakeson, K. Infectious Disease submission group Infectious Disease submission group EPI_ISL_514062, EPI_ISL_514063, EPI_ISL_514064 Navy and Marine Corps Public Health Center Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Yan Li, Anna Montmayeur, Krista Queen, Jing Zhang, Ying Tao, Anna Uehara, Rachel Marine, Clinton R. Paden, Haibin Wang, Suxiang Tong Diseases, Centers for Disease Control and Prevention EPI_ISL_514065 Navy and Marine Corps Public Health Center Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Krista Queen, Yan Li, Anna Montmayeur, Jing Zhang, Ying Tao, Anna Uehara, Rachel Marine, Clinton R. Paden, Haibin Wang, Suxiang Tong Diseases, Centers for Disease Control and Prevention EPI_ISL_514066 Navy and Marine Corps Public Health Center Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Yan Li, Anna Montmayeur, Krista Queen, Jing Zhang, Ying Tao, Anna Uehara, Rachel Marine, Clinton R. Paden, Haibin Wang, Suxiang Tong Diseases. Centers for Disease Control and Prevention EPI_ISL_514067, EPI_ISL_514068 Navy and Marine Corps Public Health Center Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Krista Queen, Yan Li, Anna Montmayeur, Jing Zhang, Ying Tao, Anna Uehara, Rachel Marine, Clinton R. Paden, Haibin Wang, Suxiang Tong Diseases, Centers for Disease Control and Prevention EPI ISL 514069, EPI ISL 514070 Navy and Marine Corps Public Health Center Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Yan Li, Anna Montmayeur, Krista Queen, Jing Zhang, Ying Tao, Anna Uehara, Rachel Marine, Clinton R. Paden, Haibin Wang, Suxiang Tong Diseases, Centers for Disease Control and Prevention EPI ISL 514071, EPI ISL 514072 Navy and Marine Corps Public Health Center Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Krista Queen, Yan Li, Anna Montmayeur, Jing Zhang, Ying Tao, Anna Uehara, Rachel Marine, Clinton R, Paden, Haibin Wang, Suxiang Tong Diseases, Centers for Disease Control and Prevention EPI_ISL_514073, EPI_ISL_514074 Navy and Marine Corps Public Health Center Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Yan Li, Anna Montmayeur, Krista Queen, Jing Zhang, Ying Tao, Anna Uehara, Rachel Marine, Clinton R. Paden, Haibin Wang, Suxiang Tong Diseases, Centers for Disease Control and Prevention EPI ISL 514075, EPI ISL 514076 Navy and Marine Corps Public Health Center Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Krista Queen, Yan Li, Anna Montmayeur, Jing Zhang, Ying Tao, Anna Uehara, Rachel Marine, Clinton R. Paden, Haibin Wang, Suxiang Tong Diseases, Centers for Disease Control and Prevention EPI_ISL_514077, EPI_ISL_514078, EPI_ISL_514079 Navy and Marine Corps Public Health Center Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Yan Li, Anna Montmayeur, Krista Queen, ling Zhang, Ying Tao, Anna Uehara, Rachel Marine, Clinton R. Paden, Haibin Wang, Suxjang Tong Diseases, Centers for Disease Control and Prevention EPI_ISL_514080, EPI_ISL_514081, EPI_ISL_514082, Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Krista Queen, Yan Li, Anna Montmayeur, Jing Zhang, Ying Tao, Anna Uehara, Rachel Marine, Clinton R. Paden, Haibin Wang, Suxiang Tong Navy and Marine Corps Public Health Center EPI_ISL_514083 Diseases, Centers for Disease Control and Prevention EPI ISL 514084 Navy and Marine Corps Public Health Center Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Yan Li, Anna Montmayeur, Krista Queen, Jing Zhang, Ying Tao, Anna Uehara, Rachel Marine, Clinton R. Paden, Haibin Wang, Suxiang Tong Diseases, Centers for Disease Control and Prevention EPI_ISL_514085, EPI_ISL_514086, EPI_ISL_514087 Navy and Marine Corps Public Health Center Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Krista Queen, Yan Li, Anna Montmayeur, Jing Zhang, Ying Tao, Anna Uehara, Rachel Marine, Clinton R. Paden, Haibin Wang, Suxiang Tong Diseases, Centers for Disease Control and Prevention EPI ISL 514088 Navy and Marine Corps Public Health Center Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Yan Li, Anna Montmayeur, Krista Queen, Jing Zhang, Ying Tao, Anna Uehara, Rachel Marine, Clinton R. Paden, Haibin Wang, Suxiang Tong Diseases, Centers for Disease Control and Prevention EPI ISL 514089 Navy and Marine Corps Public Health Center Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Krista Queen, Yan Li, Anna Montmayeur, Jing Zhang, Ying Tao, Anna Uehara, Rachel Marine, Clinton R. Paden, Haibin Wang, Suxiang Tong Diseases, Centers for Disease Control and Prevention EPI_ISL_514090, EPI_ISL_514091, EPI_ISL_514092 Navy and Marine Corps Public Health Center Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Yan Li, Anna Montmayeur, Krista Queen, Jing Zhang, Ying Tao, Anna Uehara, Rachel Marine, Clinton R. Paden, Haibin Wang, Suxiang Tong Diseases, Centers for Disease Control and Prevention EPI_ISL_514093 National Scientific Center for Especially Dangerous Infections Kazakh National Agrarian University (KazNAU) TreeGene LLP Beloussoy Vyacheslay, Strochkoy Vitaliy, Tabynoy Kaissar, Sandybayey Nurlan, Tabynoy Kairat, Turebekoy Nurkeldy, Granica Joanna, Solomadin Maksim, Yerubayey Toktassyn, Yespoloy Tlektes (NSCEDI) Genetic Laboratory EPI ISL 514094, EPI ISL 514095, EPI ISL 514096 Molecular Diagnostics, Central Public Health Laboratory Molecular Diagnostics, Central Public Health Laboratory Dler.H., Dlshad.H., Furat.S., Sharmeen.F.-A., Dalia.F., Mohsen.A., Hemdad.A., Fahmi.A., Hemn.M., Idrees.H FPI ISI 514097 FPI ISI 514098 FPI ISI 514099 EPI ISL 514100, EPI ISL 514101, EPI ISL 514102 $EPI_{SL}_{SL}=14103, EPI_{SL}_{SL}=14104, EPI_{SL}_{SL}=14104, EPI_{SL}_{SL}=14105, EPI_{SL}_{SL}=14120, EPI_{SL}_{SL}=14121, EPI_{SL}_{SL}=14122, EPI_{SL}=14124, EPI_{SL}=14123, EPI_{SL}=14124, EPI_{SL}=$ Viral Respiratory Lab, National Institute for Biomedical Research Pathogen Sequencing Lab, National Institute for Biomedical Placide Mbala-Kingebeni, Edith Nkwembe, Eddy Kinganda-Lusamaki, Amuri Aziza, Francisca Muyembe Mawete, Emmanuel Lokilo Lofiko, Catherine Pratt, Matthias Pauthner, Josh Quick, Allison Black, James Hadfield, see above (INRR) Research (INRB) Trevor Bedford, Ian Goodfellow, Andrew Rambaut, Nick Loman, Kristian Andersen, Michael Wiley, Steve Ahuka-Mundeke, Jean-Jacques Muyembe Tamfun EPI_ISL_514126 National Scientific Center for Especially Dangerous Infections Kazakh National Agrarian University (KazNAU) TreeGene LLP Tabynov Kaissar, Beloussov Vyacheslav, Strochkov Vitaliy, Sandybayev Nurlan, Tabynov Kairat, Turebekov Nurkeldy, Granica Joanna, Solomadin Maksim, Yerubayev Toktassyn, Yespolov Tlektes (NSCEDI) Genetic Laboratory EPI_ISL_514127 National Scientific Center for Especially Dangerous Infections Kazakh National Agrarian University (KazNAU) TreeGene LLP Tabynov Kairat, Beloussov Vyacheslav, Strochkov Vitaliy, Sandybayev Nurlan, Tabynov Kaissar, Turebekov Nurkeldy, Granica Joanna, Solomadin Maksim, Yerubayev Toktassyn, Yespolov Tlektes (NSCEDI) Genetic Laboratory EPI_ISL_514128 Navy and Marine Corps Public Health Center Centers for Disease Control and Prevention Krista Queen, Yan Li, Anna Montmayeur, Jing Zhang, Ying Tao, Anna Uehara, Rachel Marine, Clinton R. Paden, Haibin Wang, Suxiang Tong EPI_ISL_514129, EPI_ISL_514130 National Institute of Laboratory Medicine and Referral Center Genomic Research Lab, BCSIR Md. Murshed Hasan Sarkar, Abu Sayeed Mohammad Mahmud, Mohammad Samir Uzzaman, Eshrar Osman, Md. Ahashan Habib, Shahina Akter, Tanjina Akhter Banu, Barna Goswami, Iffat Jahan, Md. Saddam Hossain, Tasnim Nafisa, Md. Maruf Ahmed Molla, Mahmuda Yeasmin, Asish Kumar Ghosh, A. K. M. Shamsuzzaman, Sheikh Md. Selim Al Din, Utpal Chandra Ray, Salek Ahmed Sajib, Md. Salim Khan Rondônia Central Public Health Laboratory (LACEN/RO), vinculated Molecular Virology Laboratory of Oswaldo Cruz Foundation of Luan Felipo Botelho-Souza, Felipe Souza Nogueira-Lima, Tárcio Peixoto Roca, Alcione de Oliveira dos Santos, Felipe Gomes Naveca, Adriana Cristina Salvador Maia, Cicileia Correia da Silva, Aline Linhares Ferreira EPI ISL 514131 to State Health Secretariat of Rondônia (SESAU/RO de Melo Mendonça, Celina Aparecida Bertoni Lugtenburg, Camila Flávia Gomes Azzi, Juliana Loca Furtado, Suelen Cavalcante, Rita de Cássia Pontello Rampazzo, Caio Henrique Nemeth Santos, Alice Paula Di Sabatino Guimarães, Jansen Fernandes de Medeiros, Fernando Rodrigues Máximo, Juan Miguel Vilallobos-Salcedo and Deusilene Souza Vieira1 Molecular Virology Laboratory of Oswaldo Cruz Foundation of Luan Felipo Botelho-Souza, Felipe Souza Noqueira-Lima, Tárcio Peixoto Roca, Alcione de Oliveira dos Santos, Felipe Gomes Naveca, Adriana Cristina Salvador Maia, Cicileia Correia da Silva, Aline Linhares Ferreira EPI ISL 514132 Rondônia Central Public Health Laboratory (LACEN/RO), vinculated to State Health Secretariat of Rondônia (SESAU/RO) de Melo Mendonca, Celina Aparecida Bertoni Lugtenburg, Camila Flávia Gomes Azzi, Juliana Loca Furtado, Suelen Cavalcante, Rita de Cássia Pontello Rampazzo, Cajo Henrique Nemeth Santos, Alice Paula Di

Cabatina Cuimarãos Janson Fornandos do Modeiros	Fornando Bodrigues Mávimo	Iuan Miguel Vilallobos-Salcedo and Deusilene Souza Vieira.

	to state Health Secretariat of Rondonia (SESNO/NO)	Kondonia	Sabatino Guimaraes, Jansen Fernandes de Medierios, Fernando Rodrigues Máximo, Juan Miguel Vilallobos-Salcedo and Deusilene Souza Vieira
EPI_ISL_514135	Rondônia Central Public Health Laboratory (LACEN/RO), vinculated to State Health Secretariat of Rondônia (SESAU/RO)	Molecular Virology Laboratory of Oswaldo Cruz Foundation of Rondônia	Luan Felipo Botelho-Souza, Felipe Souza Nogueira-Lima, Tárcio Peixoto Roca, Alcione de Oliveira dos Santos, Felipe Gomes Naveca, Adriana Cristina Salvador Maia, Cicileia Correia da Silva, Aline Linhares Ferreira de Melo Mendonça, Celina Aparecida Bertoni Lugtenburg, Camila Flávia Gomes Azzi, Juliana Loca Furtado, Suelen Cavalcante, Rita de Cássia Pontello Rampazzo, Caio Henrique Nemeth Santos, Alice Paula Di Sabatino Guimarães, Jansen Fernandes de Medeiros, Fernando Rodrigues Máximo, Juan Miguel Vilallobos-Salcedo and Deusilene Souza Vieira
EPI_ISL_514136	Rondônia Central Public Health Laboratory (LACEN/RO), vinculated to State Health Secretariat of Rondônia (SESAU/RO)	Molecular Virology Laboratory of Oswaldo Cruz Foundation of Rondônia	Luan Felipo Botelho-Souza, Felipe Souza Nogueira-Lima, Tárcio Peixoto Roca, Alcine de Oliveira dos Santos, Felipe Gomes Naveca, Adriana Cristina Salvador Maia, Cicleia Correia da Silva, Aline Linhares Ferreira de Melo Mendonça, Celina Aparecida Bertoni Lugtenburg, Camila Flávia Gomes Azzi, Juliana Loca Furtado, Suelen Cavalcante, Rita de Cássia Pontello Rampazzo, Caio Henrique Nemeth Santos, Alice Paula Di Sabatino Guimarães, Jansen Fernandes de Medeiros, Fernando Rodrigues Máximo, Juan Miguel Vilallobos-Salcedo and Deusilene Souza Vieira
EPI_ISL_514137	Rondônia Central Public Health Laboratory (LACEN/RO), vinculated to State Health Secretariat of Rondônia (SESAU/RO)	Molecular Virology Laboratory of Oswaldo Cruz Foundation of Rondônia	Luan Felipo Botelho-Souza, Felipe Souza Nogueira-Lima, Tárcio Peixoto Roca, Alcione de Oliveira dos Santos, Felipe Gomes Naveca, Adriana Cristina Salvador Maia, Cicileia Correia da Silva, Aline Linhares Ferreira de Melo Mendonça, Celina Aparecida Bertoni Lugtenburg, Camila Flávia Gomes Azzi, Juliana Loca Furtado, Suelen Cavalcante, Rika da Cássia Pontello Rampazzo, Caio Henrique Nemeth Santos, Alice Paula Di Sabatino Guimarães, Jansen Fernandes de Medeiros, Fernando Rodrigues Máximo, Juan Miguel Vilallobos-Salacedo and Deusilene Souza Vieira
EPI_ISL_514138	Rondônia Central Public Health Laboratory (LACEN/RO), vinculated to State Health Secretariat of Rondônia (SESAU/RO)	Molecular Virology Laboratory of Oswaldo Cruz Foundation of Rondônia	Luan Felipo Botelho-Souza, Felipe Souza Nogueira-Lima, Tárcio Peixoto Roca, Alcione de Oliveira dos Santos, Felipe Gomes Naveca, Adriana Cristina Salvador Maia, Cicileia Correia da Silva, Aline Linhares Ferreira de Melo Mendonça, Celina Aparecida Bertoni Lugtenburg, Camila Flávia Gomes Azzi, Juliana Loca Furtado, Suelen Cavalcante, Rika da Céassia Pontello Rampazzo, Caio Henrique Nemeth Santos, Alice Paula Di Sabatino Giumarães, Jansen Fernandes de Medeiros, Fernando Rodrígues Máximo, Juan Miguel Vilallobos-Salcedo and Deusilene Souza Vieira

Rondónia Central Public Health Laboratory (LACEN/RO), vinculated Molecular Virology Laboratory of Oswaldo Cruz Foundation of Luan Felipo Botelho-Souza, Felipe Souza Nogueira-Lima, Tárcio Peixoto Roca, Alcione de Oliveira dos Santos, Felipe Gomes Naveca, Adriana Cristina Salvador Maja, Cicileia Correia da Silva, Aline Linhares Ferreira

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EPI_ISL_514211, EPI_ISL_514212, EPI_ISL_514213, EPI_ISL_514213, EPI_ISL_514214, EPI_ISL_514215, EPI_ISL_514216, EPI_ISL_514217, EPI_ISL_514217, EPI_ISL_514220, EPI_ISL_514220, EPI_ISL_514223, EPI_ISL_514224, EPI_ISL_514225				
see above	Florida Bureau of Public Health Laboratories	Florida Bureau of Public Health Laboratories	Sarah Schmedes, Jason Blanton	
EPI_ISL_514226	Laboratorio de Referencia Nacional de Virus Respiratorio. Instituto Nacional de Salud Perú	Laboratorio de Referencia Nacional de Biotecnología y Biología Molecular. Instituto Nacional de Salud Perú	Carlos Padilla Rojas, Karolyn Vega Chozo, Priscila Lope Pari, Omar Caceres Rey, Marco Galarza Perez, Maribel Huaringa Nuñez, Johanna Balbuena Torrez, Henri Bailon Calderon, Nancy Rojas Serrano	
EPI_ISL_514227	Laboratorio de Referencia Nacional de Virus Respiratorio. Instituto Nacional de Salud. Peru	Laboratorio de Referencia Nacional de Biotecnologia y Biologia Molecular.Instituto Nacional de Salud.Peru	Carlos Padilla Rojas, Karolyn Vega Chozo, Priscila Lope Pari, Omar Caceres Rey, Marco Galarza Perez, Maribel Huaringa Nuñez, Johanna Balbuena Torrez, Henri Bailon Calderon, Nancy Rojas Serrano	