We gratefully acknowledge the following Authors from the Originating laboratories responsible for obtaining the specimens and the

Submitting laboratories where genetic sequence data were generated and shared via the GISAID Initiative, on which this research is based.

Accession ID	Originating Laboratory	Submitting Laboratory	Authors
EPI_ISL_707792; EPI_ISL_703007; EPI_ISL_635000; EPI_ISL_707793; EPI_ISL_703006; EPI_ISL_632310; EPI_ISL_632310; EPI_ISL_63497; EPI_ISL_707791; EPI_ISL_703500; EPI_ISL_635001; EPI_ISL_733499	1-Laboratory of Microbiology, National Reference Lab, Charles Nicolle Hospital; 2-University of Tunis ElManar, Faculty of Medicine of Tunis, LR99ES09, Tunis, Tunisia	1-Cinical and Experimental Pharmacology Lab, LR16SP02, National Center of Pharmacovigilance, University of Tunis El Manar, Tunis, Tunisia. 2-Neurodegenerative diseases and psychiatri toubles, LR16SP03, Razi Hospital, University of Tunis El Manar, Tunis, Tunisia. 3-Minstry of Health, National Observatory of New and Emerging Diseases, 1006, Tunis, Tunisia.	Ilhem Boutiba-Ben Boubaker et al
EP_ISL_451978; EP_ISL_451979	ViroGenetics - BSL3 Laboratory of Virology, Malopolska Centre of Biotechnology, Jagiellonian University; 2. II Department of Internal Medicine, Faculty of Medicine, Jagiellonian University Medical College 3. DIAGNOSTYKA Ltd.	ViroCenetics - BSL3 Laboratory of Virology, Malopolska Centre of Biotechnology, Jagiellonian University, 2, II Department of ; Internal Medicine, Faculty of Medicine, Jagiellonian University Medical College.	Marek Sanak et al
EPI_ISL_455452; EPI_ISL_462087; EPI_ISL_465442; EPI_ISL_455448; EPI_ISL_455445; EPI_ISL_455445; EPI_ISL_455444; EPI_ISL_455455	 ViroGenetics - BSL3 Laboratory of Virology, Malopolska Centre of Biotechnology, Jagiellonian University, 2. Il Department of Internal Medicine, Faculty of Medicine, Jagiellonian University Medical College 3. Narodowy Instytut Zdrowia Publicznego – Państwowy Zakład Highery (NLZP-PZH) 	ViroGenetics - BSL3 Laboratory of Virology, Malopolaka Centre of Biotechnology, Jagiellonian University; 2, III Department of Internal Medicine, Faculty of Medicine, Jagiellonian University Medical College, 3. Narodowy Instylut Zdrowia Publicznego – Partaturowy Zdrakd Higenj (NEZP-98). **Tartharowy Zdrakd Higenj (NEZP-98).	Katarzyna Pancer et al
EP 18, 72696; EP 18, 72696; EP 18, 72696; EP 18, 72697; EP 18, 72696; EP 18, 72696	A. Kruméholz, Labor Dr. Krause und Kolegen MVZ GmbN, Kiel A. Kruméholz, Labor Dr. Krause und Kolegen MVZ GmbN, Kiel A. Kruméholz, Labor Dr. Krause und Kolegen MVZ GmbN, Kiel A. Kruméholz, Labor Dr. Krause und Kolegen MVZ GmbN, Kiel	Charife Universitätsmedizin Berlin, Institut für Virologie KRISP, IZN Research Innovation and Sequencino Platform	Victor M Corman et al A Glandhari Jet al
EPIJSL_458150	ANOUAL	ANOUAL	Jouali Farah et al (https://dx.doi.org/10.1128/MRA.00690-20)
EPI_ISL_68226	AREA DE SALUD ALAJUELA NORTE - CLINICA DR. MARCIAL RODRIGUEZ	Inciensa, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte et al
EPLISL_882297	AREA DE SALUD CORREDORES	Inciensa, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte et al
EPLISL_68228	AREA DE SALUD LA CRUZ	Inciensa, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte et al
EPLISL_18001	ARS Algarve - Laboratório Laura Ayres	Instituto Nacional de Saude (INSA)	Guiomar et al et al
EPI_ISL_54227; EPI_ISL_54243; EPI_ISL_542401; EPI_ISL_542400; EPI_ISL_542241	ASST GOM Niguarda	Dep. Of Oncology and Hemato-Oncology University of Milan	Claudia Alteri et al
EPI_ISL_73501	Abdul Malek Ukil Medical College, Noakhali	Central Biological Research Laboratory and Department of Biochemistry and Molecular Biology	H. M. Abdullah Al Masud et al
EP 18.5, 517635; EP 1.51, 518606; EP 1.51, 517606; EP 1.51, 518606; EP 1.51, 518606; EP 1.51, 518606; EP 1.51, 518606; EP 1.51, 517606; EP 1.5	Academic Hospital Paramaribo	Erasmus Medical Center	Bas Oude Munnink et al
EPI_ISL_459083	Adi Husada Undaan Hospital	Institute of Tropical Disease, Universitas Airlangga	Rima R Prasetya et al
EPI_ISL_528947	Agenzia di Tutela della Salute di Bergamo	Istitituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G.Caporale"	Lorusso A et al
EPI_ISL_549170; EPI_ISL_500794; EPI_ISL_500892; EPI_ISL_500796; EPI_ISL_500890; EPI_ISL_420136; EPI_ISL_549091	Akershus University Hospital, Department for Microbiology and	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen et al
EPI ISL 661272	Al-Quds Nutrition and Health Research Institute. Al-Quds University	Al-Quds Nutrition and Health Research Institute. Al-Quds University	Eregat et al
EPIJSL_646153. EPIJSL_736699. EPIJSL_736690. EPIJSL_736661	Al-Quds Nutrition and Health Research Institute. Al-Quds University	Al-Quds Nutrition and Health Research Institute. Al-Quds University	Nasereddin et al
EPI_ISL_028094; EPI_ISL_028711; EPI_ISL_028707	Alsafar - Khalifa University Abu Dhabi	Alsafar - Khalifa University Abu Dhabi	Andreas Henschel et al
EPI_ISL_566692; EPI_ISL_566970; EPI_ISL_566978; EPI_ISL_566983; EPI_ISL_566985; EPI_ISL_5669872	Amedeo di savoia	Crosetto lab, Karolinska Institutet, SciLifeLab	Michele Simonetti et al
EPI ISL 450818	Aneby VC	The Public Health Agency of Sweden	Ken Granath et al
EPIJSL_717714; EPIJSL_717716; EPIJSL_717716; EPIJSL_717716	Animal Health Centre, British Columbia Ministry of Agriculture	National Centre for Foreign Animal Disease, Canadian Food Inspection Agency	Oliver Lung et al
EP_18	Area De Salud Alajuela Norte - Clinica Dr. Marcial Rodriguez	Inciensa, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte et al
ET]31 000; ET]32 140; ET _31 000	Area De Salud Arajueia None - Clinica Dr. Marciai Rodinguez Area De Salud Aserri	Inciensa, instituto Costarricense de investigación y Enseñanza en Nutrición y Salud Inciensa, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte et al
EPIJSL_51268; EPIJSL_527751	Area De Salud Corredores	Inciensa, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte et al
EPI_ISL_512082; EPI_ISL_512086; EPI_ISL_512087; EPI_ISL_522747	Area De Salud La Cruz	Inciensa, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte et al
EPI_ISL_512861	Area De Salud Los Chiles	Inciensa, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Francisco Duarte et al
EPI_ISL_500706; EPI_ISL_527047; EPI_ISL_527046; EPI_ISL_527028; EPI_ISL_506510; EPI_ISL_500704; EPI_ISL_527014	Area of Virology, Serology and Virology Division (SAViD), New South Wales Health Pathology Randwick	Area of Virology, Serology and Virology Division (SAViD), New South Wales Health Pathology Randwick	Rawlinson et al
EPI_ISL_717707; EPI_ISL_678351; EPI_ISL_717701; EPI_ISL_578376; EPI_ISL_717702; EPI_ISL_578376; EPI_ISL_678376; EPI_ISL_578376; EPI_ISL_578376	Area of Virology, Serology and Virology Division (SAViD), New South Wales Health Pathology Randwick	Virology Research Laboratory; Area of Virology, Serology and Virology Division (SAVID), New South Wales Health Pathology Randwick	Foster et al
EPI_ISL_406223	Arizona Department of Health Services	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao et al B (https://dx.doi.org/10.1101/2020.03.09.20032896)
EPI_ISL_457826	Army Medical Center - Scientific Department	Army Medical and Veterinary Research Center	Silvia Fillo et al
EPI_ISL_717978	Army Medical Center, Scientific Department, Virology Laboratory	Army Medical Center, Scientific Department, Virology Laboratory	Silvia Fillo et al
EPI_ISL_539812; EPI_ISL_539811; EPI_ISL_539821	Asiaworld Expo Command Post	Hong Kong Department of Health	Alan K.L. Tsang et al
EPI_ISL_413490	Auckland Hospital	Institute of Environmental Science and Research (ESR)	Matt Storey et al A (https://dx.doi.org/10.1101/2020.03.15.992818)
EP 18., 58386; EP 18., 47830; EP 18., 59380; EP 18.	Austrian Agency for Health and Food Safety (AGES)	Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Alexandra Popa et al A
EPI_ISL_728286; EPI_ISL_728267	B.J. Govt. Medical College	National Centre For Cell Science	Dhiraj Paul et al
EPI_ISL_44461	B.J. Medical College and Civil hospital	Gujarat Biotechnology Research Centre	Kairavi Joshi et al (https://www.bionxiv.org/content/10.1101/2020. 05.28.122143v1)
EPI ISI. 46146	B.J. Medical College and Civil hospital	Gujarat Biotechnology Research Centre	05.28.122143v1) Pooja P Doshi et al
cr_1_0	B.J. Medical College and Civil hospital, Ahmedabad	Gujarat Biotechnology Research Centre	Dinesh Kumar et al
ET 15 27244	RRMP Lirban PHC	Department of Neurovirology. National Institute of Mental Health and Neurosciences (NIMHANS)	Chitra Pattahiraman et al
=1=	BEMP Urban PHC BCCDC Public Health Laboratory	Department of Neurovirology, National Institute of Mental Health and Neurosciences (NIMIHANS) BCCDC Public Health Laboratory	Chitra Pattabiraman et al Harrigan et al A
EP_US_415506, EP_US_415578, EP_USL_415577 EP_US_415506, EP_USL_415578, EP_USL_415577			=
EPL/SL_412005	BCCDC Public Health Laboratory	BCCDC Public Health Laboratory	Harrigan et al B (https://dx.doi.org/10.1002/jmv.25773)
EPUSL_57499	BTKLPP Kelas I Manado	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Hidayat Trimarsanto et al
EPI_ISL_538500; EPI_ISL_538507	Balai Penelitian dan Pengembangan Biomedis Papua	National Institute of Health Research and Development	Pawestri et al

EP/LSL_4/0982; EP/JSL_4/0983	Bamrasnaradura Hospital	Department of Medical Sciences, Ministry of Public Health, Thailand 2. Thai Red Cross Emerging Infectious Diseases - Health	Pilailuk et al B (https://dx.doi.org/10.2807/1560-7917.ES.
EPI_ISL_434882; EPI_ISL_434893; EPI_ISL_434694	Bamrasnaradura hospital	Science Centre 3. Department of Disease Control, Ministry of Public Health, Thailand National Institute of Health. Department of medical Sciences, Ministry of Public Health, Thailand	2020.25.8.2000097) Pilailuk et al A
EPI_ISL_480341; EPI_ISL_480345		Basic and Applied Research on Jute Project	Md. Sabbir Hossain et al (https://dx.doi.org/10.1101/2020.06.07.138800)
	Bangladesh Institute of Tropical & Infectious Diseases, COVID-19 Testing Laboratory Bangladesh Institute of Tropical & Infectious Diseases. COVID-19		
EPI_ISL_450042; EPI_ISL_450339; EPI_ISL_450340; EPI_ISL_450044 EPI_ISL_710513; EPI_ISL_720557	Testing Laboratory	Basic and Applied Research on Jute Project	Rasel Ahmed et al (https://dx.doi.org/10.1101/2020.06.07.138800)
EPI_ISL_7/10013; EPI_ISL_5/32007 EPI_ISL_5/32017; EPI_ISL_5/32016; EPI_ISL_5/32014	Bamakuten Beijing Institute of Microbiology and Epidemiology	The Public Health Agency of Sweden Beijing Institute of Microbiology and Epidemiology	Department of Microbiology et al Fan et al
EPI_ISL_5687(1; EPI_ISL_5687(0; EPI_ISL_5687(1)) EPI_ISL_5687(1; EPI_ISL_5687(2; EPI_ISL_5687(3))	Beijing institute of wicrobiology and Epidemiology Belize Ministry of Health	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Fan et al Jing Zhang et al B
ET 154_00011; ET 154_000112; ET 154_000114; ET 154_000113 ET 154_00003	Bethany Hospital	Pastnogen Discovery, Respiratory viruses branch, Division or viral Diseases, Centers for Disease Control and Prevention Research Institute for Tropical Medicine	Jing znang et al is Medado et al
TO NO. WASHING	Bhashabir M A Wadud RT-PCR Lab, Chandpur	Central Biological Research Laboratory and Department of Biochemistry and Molecular Biology	Md. Imranul Hoq et al
EP1 St. 40998; EP1 St. 450188; EP1 St. 55777; EP1 St. 430008; EP1 St. 450198; EP1 St. 450199; EP1 St. 4501	Biolab Diagnostic Laboratories	Andersen lab at Scripps Research	Issa Abu-Dayyeh et al
ET JULE JUNIO TE ET JUNIO ET J ET JULE JUNIO ET	Biological Prevention, Army	Biological Prevention, Army	Seadawy et al
EPLISL_\$10526: EPLISL_\$10522: EPLISL_\$26975: EPLISL_\$26997: EPLISL_\$26998: EPLISL_\$26998: EPLISL_\$26998: EPLISL_\$26999: EPLISL_\$27000: EPLISL	Biological prevention, army	Biological prevention, army	Seadawy et al
EPLISL_582000	Biology Department, College of Science, Al-Muthanna University	International Centre for Genetic Engineering and Biotechnology (ICGEB) and ARGO Open Lab Platform	Nihad Al-Rashedi et al
EPLISL_510088: EPI_JSL_610087; EPI_ISL_510004; EPI_ISL_510008; EPLISL_5100083	Biomedical Sciences and Public Health, Polytechnic University of Marche	Biomedical Sciences and Public Health, Polytechnic University of Marche	Bagnarelli et al
EPLISL_74728	Bogor Public Health	West Java Health Laboratory; School of Life Sciences and Technology, Institut Teknologi Bandung	Azzania Fibriani et al
EPLISL 596463	Booali laboratory, Qom, Iran. Department of Virology, School of Public Health. Tehran University of Medical Sciences. Tehran. Iran.	Genetics Research Center, University of Social Welfare and Rehabilitation Sciences	Zohreh Fattahi et al
EPLISL_716167; EPLISL_716176	Borneo Medical Centre	Institute of Health and Community Medicine	David Perera et al
EPLISL_765005; EPLISL_785589	Brigham and Womens Hospital	Infectious Disease Program, Broad Institute of Harvard and MIT	Lemieux et al
EP ISL , 722506, EP ISL , 722507, EP ISL , 722507, EP ISL , 722506, EP ISL , 722504, EP ISL , 722506, EP ISL , 722507, EP ISL , 72	Bundeswehr Institute of Microbiology	Bundeswehr Institute of Microbiology	Elham Khatamzas et al
EPLISL 756539	Bundeswehr Institute of Microbiology	Bundeswehr Institute of Microbiology	Malena Bestehorn-Willmann et al
EPI_ISL_732527; EPI_ISL_72550; EPI_ISL_72550; EPI_ISL_72554; EPI_ISL_73256; EPI_ISL_73256; EPI_ISL_732569; EPI_ISL_732569; EPI_ISL_732549; EPI_ISL_732569; EPI	Bundeswehr Institute of Microbiology	Bundeswehr Institute of Microbiology	Markus Antwerpen et al
EPI_ISL_414521; EPI_ISL_414520	Bundeswehr Institute of Microbiology	Bundeswehr Institute of Microbiology	Mathias C Walter et al
EPLISL_005780	CEIRS Data Processing and Coordinating Center, St. Jude Center of Excellence for Influenza Research and Surveillance (CEIRS)	CEIRS Data Processing and Coordinating Center, St. Jude Center of Excellence for Influenza Research and Surveillance	Roshdy et al
EPI_ISL_750175	CENUR Este-Sede Rocha-UdelaR	Institut Pasteur de Montevideo	Daiana Mir et al
EP_G_	CENUR Litoral Norte – UdelaR, Salto, Uruguay	Institut Pasteur de Montevideo	Daiana Mir et al
EPI_ISL_644253; EPI_ISL_644252; EPI_ISL_644251; EPI_ISL_644258	CEPHR / Mater Hospital	Irish Coronavirus Sequencing Consortium - National Virus Reference Laboratory	Michael Carr et al
EPI_ISL_644284; EPI_ISL_64431; EPI_ISL_644276; EPI_ISL_644338; EPI_ISL_644338; EPI_ISL_644236; EPI_ISL_644307; EPI_ISL_644307; EPI_ISL_644307; EPI_ISL_644308; EPI_ISL_644318; EPI_ISL_644285; EPI_ISL_644301; EPI_ISL_644302	CEPHR / Vincent's Hospital	Irish Coronavirus Sequencing Consortium - National Virus Reference Laboratory	Michael Carr et al
EPLISL_733569	CHAI WAN FAMILIES CLINIC	Hong Kong Department of Health	Alan K.L. Tsang et al
EPLISL_613566; EPLISL_613566; EPLISL_613567	CHRU Pontchaillou - Laboratoire de Virologie 2, rue Henri Le Guilloux	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Marion Barbet et al B
EPJ.51_418219	CHU - Hôpital Cavale Blanche - Labo. de Virologie	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Mélanie Albert et al A (https://dx.doi.org/10.1101/2020.04.24.059576)
	CHU - Hôpital Cavale Blanche - Labo. de Virologie CHU - Hôpital Cavale Blanche - Labo. de Virologie	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	
EPI_ISL_418219			Mélanie Albert et al A (https://dx.doi.org/10.1101/2020.04.24.059576)
EPLISL_410219 EPLISL_44305	CHU - Hôpital Cavale Blanche - Labo. de Virologie	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Mélanie Albert et al A (hitips://dx.doi.org/10.1101/2020.04.24.059576) Mélanie Albert et al C
EPLISL_418219 EPLISL_443285 EPLISL_660399, EPLISL_745314; EPLISL_645188	CHU - Hôpital Cavate Blanche - Labo. de Virologie CHU Clermont-Ferrand	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris CNR Virus des Infections Respiratoires - France SUD	Mélanie Albert et al A (https://dx.dei.org/10.1101/2020.04.24.059576) Mélanie Albert et al C Antonin Bal et al
EPLISL_443269 EPLISL_660359; EPLISL_746314; EPLISL_645168 EPLISL_660599; EPLISL_764314; EPLISL_660699; EPLISL_660698 EPLISL_664691; EPLISL_660694; EPLISL_660699; EPLISL_660698 EPLISL_663230; EPLISL_663230; EPLISL_660699; EPLISL_660699	CHU - Hôpital Cavale Blanche - Labo. de Virologie CHU Clermont-Ferand CHU Montpellier	National Reference Center for Viruses of Respiratory infections, Institut Pasteur, Paris CNR Virus des Infections Respiratoires - France SUD CNR Virus des Infections Respiratoires - France SUD	Métarie Albert et al A (https://dx.doi.org/10.1101/2020.04.24.059676) Métarie Albert et al C Antonin Bal et al Antonin Bal et al
EPI_ISL_443269 EPI_ISL_443265 EPI_ISL_600399, EPI_ISL_745314; EPI_ISL_645188 EPI_ISL_644691; EPI_ISL_600884; EPI_ISL_600896; EPI_ISL_600866 EPI_ISL_643270	CHU - Hépital Cavale Blanche - Labo de Virologie CHU Clemont-Ferrand CHU Montpeller CHU Nantes	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris CNR Virus des Infections Respiratoires - France SUD	Mélanie Albert et al A (https://dx.doi.org/10.1101/2020.04.24.059576) Mélanie Albert et al C Antonin Bal et al Antonin Bal et al Antonin Bal et al
EP_LS_44285 EP_LS_60039; EP_LS_74514; EP_LS_64518 EP_LS_60039; EP_LS_60039; EP_LS_60039; EP_LS_60039; EP_LS_60039 EP_LS_64681; EP_LS_60039; EP_LS_60039; EP_LS_60039 EP_LS_60320 EP_LS_63220 EP_LS_63226; EP_LS_63226 EP_LS_75444; EP_LS_50327; EP_LS	CHU - Hépital Cavale Blanche - Labo de Virsiogie CHU Clemont-Ferand CHU Nortpeller CHU Nortes CHU Politers CHU Purpan - Laboratoire de Virsiogie - Institut Fédératif de Biologie CHU Purpan - Laboratoire de Virsiogie - Institut Fédératif de Biologie	National Reference Center for Viruses of Resipitatory Infections, Institut Pasteur, Paris CAIR Virus des Infections Respiratoires - France SUD CNR Virus des Infections Respiratoires - France SUD CHU Purpan - Laboratoire de Virologie - Institut Fédératif de Biologie Laboratoire de virologie - Ecole Nationale Vétérinaire de Toulouse	Mélanie Albert et al A (https://dx.doi.org/10.1101/2020.04.24.059576) Mélanie Albert et al C Antonin Bal et al Antonin Bal et al Antonin Bal et al Antonin Bal et al Cultur J. et al Cultur J. et al
EP_US_44205 EP_US_600305 EP_US_745314; EP_US_645180 EP_US_600305 EP_US_745314; EP_US_600006; EP_US_600006 EP_US_640891; EP_US_600004; EP_US_600006; EP_US_600006 EP_US_640891; EP_US_600004; EP_US_600006; EP_US_600006 EP_US_600007; EP_US_600007; EP_US_600006; EP_US_600006 EP_US_600007; EP_US_600007; EP_US_600006; EP_US_600006 EP_US_600007; EP_US_600007; EP_US_600007; EP_US_600006 EP_US_600007; EP_US_600007; EP_US_600007; EP_US_600006 EP_US_7600007; EP_US_600007; EP_U	CHU - Hépital Cavale Blanche - Labo de Virsiogie CHU Clemont-Ferand CHU Montpellier CHU Nantes CHU Pitters CHU Purpan - Laboratoire de Virsiogie - Institut Fédératif de Biologie CHU Purpan - Laboratoire de Virsiogie - Institut Fédératif de Biologie CHU Purpan - Laboratoire de Virsiogie - Institut Fédératif de Biologie CHU Toutouse	National Reference Center for Viruses of Resipratory Infections, Institut Pasteur, Paris CNR Virus des Infections Resipratoires - France SUD CHU Purpan - Laboratoire de Virologie - Institut Fédératif de Biologie	Mélanie Albert et al A (https://dx.doi.org/10.1101/2020.04.24.059576) Mélanie Albert et al C Antonin Bal et al Antonin Bal et al Antonin Bal et al Antonin Bal et al Latour J. et al
EP_LS_44285 EP_LS_60039; EP_LS_74514; EP_LS_64518 EP_LS_60039; EP_LS_60039; EP_LS_60039; EP_LS_60039; EP_LS_60039 EP_LS_64681; EP_LS_60039; EP_LS_60039; EP_LS_60039 EP_LS_60320 EP_LS_63220 EP_LS_63226; EP_LS_63226 EP_LS_75444; EP_LS_50327; EP_LS	CHU - Hépital Cavale Blanche - Labo de Virsiogie CHU Clemont-Ferand CHU Nortpeller CHU Nortes CHU Politers CHU Purpan - Laboratoire de Virsiogie - Institut Fédératif de Biologie CHU Purpan - Laboratoire de Virsiogie - Institut Fédératif de Biologie	National Reference Center for Viruses of Resipitatory Infections, Institut Pasteur, Paris CAIR Virus des Infections Respiratoires - France SUD CNR Virus des Infections Respiratoires - France SUD CHU Purpan - Laboratoire de Virologie - Institut Fédératif de Biologie Laboratoire de virologie - Ecole Nationale Vétérinaire de Toulouse	Mélanie Albert et al A (https://dx.doi.org/10.1101/2020.04.24.059576) Mélanie Albert et al C Antonin Bal et al Antonin Bal et al Antonin Bal et al Antonin Bal et al Cultur J. et al Cultur J. et al
EP1_SL_44236 EP1_SL_660399; EP1_SL_74334; EP1_SL_645188 EP1_SL_660399; EP1_SL_560399; EP1_SL_66099; EP1_SL_660998 EP1_SL_660399; EP1_SL_660399; EP1_SL_660999; EP1_SL_660998 EP1_SL_660329; EP1_SL_660399; EP1_SL_660999; EP1_SL_660999; EP1_SL_660999; EP1_SL_660399; EP1_SL_66	CHU - Hópital Cavate Blanche - Labo. de Virologie CHU Clemont-Ferand CHU Mortgelier CHU Narites CHU Polites CHU Polites CHU Polites CHU Pupan - Laboratoire de Virologie - Institut Fédératif de Biologie CHU Pupan - Laboratoire de Virologie - Institut Fédératif de Biologie CHU Turolous	National Reference Center for Viruses of Resipiratory Infections, Institut Pasteur, Paris CNR Virus des Infections Respiratories - France SUD CHU Purpan - Laboratorie de Virologie - Inestitut Féderatif de Biologie Laboratorie de virologie - École Nationale Vetérinaire de Toulouse CNR Virus des Infections Respiratories - France SUD CNR Virus des Infections Respiratories - France SUD CNR Virus des Infections Respiratories - France SUD	Mélanie Albert et al A (https://dx.doi.org/10.1101/2020.04.24.069576) Mélanie Albert et al C Antonin Ball et al Antonin Ball et al Antonin Ball et al Antonin Ball et al Culliaume Croville et al Antonin Ball et al Antonin Ball et al Antonin Ball et al
EP_US_44209 EP_US_600399; EP_US_74314; EP_US_645188 EP_US_600399; EP_US_74314; EP_US_60099; EP_US_60099; EP_US_60099 EP_US_600370 EP_US_600370 EP_US_603370 EP_US_603370; EP_US_500370; EP_US_60099; EP_US_60099; EP_US_50099; EP_US_50099; EP_US_50099; EP_US_50097; EP_US_50099; EP_US_5009	CHU - Höplati Cavate Blanche - Labo. de Virologie CHU Clermont-Ferrand CHU Montpeller CHU Nantes CHU Potiters CHU Potiters CHU Potiters CHU Potiters CHU Potiters CHU Potiters CHU Futpan - Laboratoire de Virologie - Institut Fédératif de Biologie CHU Futpan - Laboratoire de Virologie - Institut Fédératif de Biologie CHU Toutose CHU Toutose CHU Toutose CHU GEUT - CHU de Nice - Höplati Archet 18	National Reference Center for Viruses of Resipratory Infections, Institut Pasteur, Paris CNR Virus des Infections Respiratoires - France SUD	Mélanie Albert et al A (https://dx.doi.org/10.1101/2020.04.24.059576) Mélanie Albert et al C Antonin Ball et al Antonin Ball et al Antonin Ball et al Latour J. et al Culliaume Corville et al Antonin Ball et al
EP_LS_44326 EP_LS_60339; EP_LS_74334; EP_LS_60684; EP_LS_60686 EP_LS_603270 EP_LS_704400 EP_LS_704400 EP_LS_704400 EP_LS_704400 EP_LS_704400 EP_LS_704400 EP_LS_704400 EP_LS_704400 EP_LS_603270 EP_LS_6033070 EP_LS_6033080	CHU - Höplat Cavale Blanche - Labo, de Virologie CHU Clemont-Ferand CHU Montpeller CHU Namies CHU Polifers CHU Puppan - Laboratoire de Virologie - Institut Fédéralif de Biologie CHU Tuppan - Laboratoire de Virologie - Institut Fédéralif de Biologie CHU Toulouse CHU GHU de Nice - Höplatal Archet 18 CHU de Nice - Höplatal Archet 18 CHU de Nice - Höplatal Archet 19	National Reference Center for Viruses of Resipitatory Infections, Institut Pasteur, Paris CNR Virus des Infections Respiratoires - France SUD CHU Purpan - Laboratoire de Virologie - Institut l'édératif de Bidogie Laboratoire de virologie - Ecole Nationale Velétinaire de Toulouse CNR Virus des Infections Respiratoires - France SUD	Mélanie Albert et al A (https://dx.doi.org/10.1101/2020.04.24.059576) Mélanie Albert et al C Antonio Bal et al
EP_US_44236 EP_US_60039; EP_US_7434; EP_US_60084; EP_US_60086; EP_US_	CHU - Hophal Cavate Blanche - Labo. de Virologie CHU Clemnos-Ferrand CHU Montpeller CHU Montpeller CHU Politiers CHU Toulouse CHU Toulouse CHU Toulouse CHU de Nince - Hophal Archet 16 CHU de Nince - Hophal Archet 16 CHU de Ninc - Hophal Archet 12 CHULC - H Curry Cabral	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris CNR Virus des Infections Respiratories - France SUD CHU Purpan - Laboratorie de Virologie - Institut Federatif de Biologie Laboratorie de virologie - Ecole Nationale Veterinarie de Toulouse CNR Virus des Infections Respiratories - France SUD Institut National de Saude (INSA)	Mélanie Albert et al A (https://dx.doi.org/10.1101/2020.04.24.059576) Mélanie Albert et al C Antonin Bal et al
EP_US_44206 EP_US_600399; EP_US_746344; EP_US_600999; EP_	CHU - Hópial Cavale Blanche - Labo. de Virologie CHU Clemont-Ferand CHU Mompelier CHU Nompelier CHU Pointes - Institut Fédératif de Biologie CHU Pointes - Laboratoire de Virologie - Institut Fédératif de Biologie CHU Toulosce CHU Toulos CHU De Limoges CHU de Limoge CHU GHU CHU CHU CATAI CHU CHU CHU CATAI	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris CNR Virus des Infections Respiratores - France SUD CHU Purpan - Laboratorie de Virologie - Institut Fédératif de Biologie Laboratorie de virologie - École Nationale Vétérinaire de Toutouse CNR Virus des Infections Respiratores - France SUD Instituto Nacional de Saude (INSA) Instituto Nacional de Saude (INSA)	Mélanie Albert et al A (https://dx.doi.org/10.1101/2020.04.24.069576) Mélanie Albert et al C Antonin Bal et al Guiomar et al et al Guiomar et al et al Guiomar et al et al
EPUS44205 EPUS660396; EPUS74314; EPUS660396; EPUS	CHU - Holpital Cavate Blanche - Labo. de Virologie CHU Clermont-Ferrand CHU Mortpeller CHU Nantes CHU Posters CHU Federalf de Biologie CHU Toulouse CHU CHU CHU CHU CHU Church CHU CHU CHU CHU CHU Church CHU	National Reference Center for Viruses of Resipratory Infections, Institut Pasteur, Paris CNR Virus des Infections Respiratoires - France SUD CHU Purpan - Laboratoire de Virologie - Institut Fédératif de Biologie Laboratoire des virologie - École Nationale Vétérinaire de Toulouse CNR Virus des Infections Respiratoires - France SUD Instituto Nacional de Saude (INSA) Instituto Nacional de Saude (INSA) Laboratoire de santé publique du Outboc	Mélanie Albert et al A (https://dx.doi.org/10.1101/2020.04.24.069576) Mélanie Albert et al C Antonin Bal et al Labour J. et al Guillaume Croville et al Antonin Bal et al Culiumar et al et al Guilumar et al et al Guilumar et al et al Guilumar et al et al
EP_LS_44326 EP_LS_40336; EP_LS_76334; EP_LS_46518 EP_LS_603270 EP_LS_603270; EP_LS_50684; EP_LS_60684; EP_LS_60686; EP_LS_60686 EP_LS_603270 EP_LS_603236; EP_LS_50684; EP_LS_60684; EP_LS_50686; EP_LS_50686; EP_LS_50686; EP_LS_50686; EP_LS_50686; EP_LS_50686; EP_LS_50686; EP_LS_50686; EP_LS_506876; EP_LS_	CHU - Höpital Cavate Blanche - Labo. de Virologie CHU Clermont-Ferrand CHU Mortpeller CHU Nartes CHU Politiers CHU Fullosse CHU Toulosse CHU Toulosse CHU Toulosse CHU de Nice - Höpital Archet 16 CHU de Nice - Höpital Archet 16 CHU de Nice - Höpital Archet 12 CHULC+ H Curry Catral CHULC+ H CHU Fullosse	National Reference Center for Viruses of Resipratory Infections, Institut Pasteur, Paris CNR Virus des Infections Respiratoires - France SUD Laboratoire de sudae (NSA) Institut Nacional de Saude (NSA) Laboratoire de santé publique du Québec Malaria Research and Training Center (MRTC-Parasilo)	Mélanie Albert et al A (https://dx.doi.org/10.1101/2020.04.24.059576) Mélanie Albert et al C Antonin Bal et al Antonin Bal et al Antonin Bal et al Antonin Bal et al Latour J. et al Culliaume Covville et al Antonin Bal et al Sandrine Moreira et al Sandrine Moreira et al
EP_LS_44256 EP_LS_60039; EP_LS_74534; EP_LS_60066; EP_LS_60066; EP_LS_60066 EP_LS_60468; EP_LS_60666; EP_LS_60066; EP_LS_60066; EP_LS_60066 EP_LS_64270 EP_LS_603270 EP_LS_603270; EP_LS_60326; EP_LS_60066; EP_	CHU - Höpital Cavate Blanche - Labo. de Virologie CHU Clermont-Ferrand CHU Montpeller CHU Namies CHU Politers CHU Pupian - Laboratorie de Virologie - Institut Fédéralif de Biologie CHU Pupian - Laboratorie de Virologie - Institut Fédéralif de Biologie CHU Toulouse CHU Toulouse CHU Toulouse CHU de Nice - Höpital Archet 16 CHU de Nice - Höpital Archet 16 CHU de Nice - Höpital Archet 2 CHULC - H D Estefania CHULC - H D Estefania CHULC - H D Estefania CHULC - M Cary Catral CHUCM - M Cary Catral CHULC - M Cary Catral	National Reference Center for Viruses of Resipratory Infections, Institut Pasteur, Paris CNR Virus des Infections Respiratoires - France SUD CHU Purpan - Laboratoire de Virologie - Institut Fédérarif de Biologie Laboratoire de virologie - Ecole Nationale Vetérinaire de Toulouse CNR Virus des Infections Respiratoires - France SUD Linstitut Nacional de Saude (INSA) Institut Nacional de Saude (INSA)	Mélanie Albert et al A (https://dx.doi.org/10.1101/2020.04.24.059576) Mélanie Albert et al C Antonin Bal et al Cuillaume Corville et al Antonin Bal et al
EP_US44286 EP_US64089; EP_US450884; EP_US600884; EP_US600886; EP_US600886; EP_US600886; EP_US600884; EP_US600884; EP_US600886; EP_US6	CHU - Hophal Carvate Blanche - Labo. de Virologie CHU Clemnost-Ferrand CHU Montpeller CHU Nontes CHU Poilers CHU Pourpan - Laboratoire de Virologie - Institut Fédératif de Biologie CHU Toulous CHU Toulous CHU Toulous CHU Toulous CHU Ce Limoges CHU de Nice - Höphal Archet 16 CHU de Nice - Höphal Archet 12 CHULC - H Carry Caleral CHULC - H Caleral CHULC - H CARRY CA	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris CNR Virus des Infections Respiratores - France SUD CHU Purpan - Laboratorie de Virologie - Institut Féderatif de Biologie Laboratorie de virologie - École Nationale Vétérinaire de Toulouse CNR Virus des Infections Respiratores - France SUD Institut Nacional de Saude (INSA) Institut Nacional de Saude (INSA) Laboratorie de sante publique du Québec Burdeseveir Institut of Microbiology Institut Os Saude (Rick Chile	Mélanie Albert et al A (https://dx.doi.org/10.1101/2020.04.24.058678) Mélanie Albert et al C Antonin Bal et al Guidmar et al et al Guidmar et al et al Guidmar et al et al Antonin Bal et al
EP_LS_40326 EP_LS_40326 EP_LS_40326 EP_LS_603270 EP_LS_704670 EP_LS_704670 EP_LS_704670 EP_LS_704670 EP_LS_704670 EP_LS_704670 EP_LS_704670 EP_LS_704670 EP_LS_704670 EP_LS_603270 EP_LS_603270 EP_LS_603270 EP_LS_603270 EP_LS_704670 EP_LS_603270 EP_LS	CHU - Höpital Cavate Blanche - Labo. de Virologie CHU Clermont-Ferrand CHU Montpeller CHU Namies CHU Politers CHU Pupian - Laboratorie de Virologie - Institut Fédéralif de Biologie CHU Pupian - Laboratorie de Virologie - Institut Fédéralif de Biologie CHU Toulouse CHU Toulouse CHU Toulouse CHU de Nice - Höpital Archet 16 CHU de Nice - Höpital Archet 16 CHU de Nice - Höpital Archet 2 CHULC - H D Estefania CHULC - H D Estefania CHULC - H D Estefania CHULC - M Cary Catral CHUCM - M Cary Catral CHULC - M Cary Catral	National Reference Center for Viruses of Resipratory Infections, Institut Pasteur, Paris CNR Virus des Infections Respiratoires - France SUD CHU Purpan - Laboratoire de Virologie - Institut Fédérarif de Biologie Laboratoire de virologie - Ecole Nationale Vetérinaire de Toulouse CNR Virus des Infections Respiratoires - France SUD Linstitut Nacional de Saude (INSA) Institut Nacional de Saude (INSA)	Mélanie Albert et al A (https://dx.doi.org/10.1101/2020.04.24.058578) Mélanie Albert et al C Antonin Bal et al Cuillaume Corville et al Antonin Bal et al
EP_US44286 EP_US64089; EP_US450884; EP_US600884; EP_US600886; EP_US600886; EP_US600886; EP_US600884; EP_US600884; EP_US600886; EP_US6	CHU - Höpital Cavate Blanche - Labo. de Virologie CHU Clermont-Ferrand CHU Mortpeller CHU Narries CHU Politiers CHU Fudiose CHU Toulose CHU Toulose CHU Toulose CHU Toulose CHU de Nice - Höpital Archet 16 CHU de Nice - Höpital Archet 16 CHU de Nice - Höpital Archet 12 CHULC+ N Comp Cathral CHULC+ N Carrier CHULC+ N Cathral CHULC+ N CAT	National Reference Center for Viruses of Resipratory Infections, Institut Pasteur, Paris CNR Virus des Infections Respiratoires - France SUD CNR Virus des Infections Respiratores - France SUD CNR Virus des Infections Respiratoires - France SUD Lind Virus des Infections Respiratores - France SUD Lind Virus des Infections Respiratores - France SUD Lind Virus des Infections Respiratores - France SUD Lind Virus de	Mélanie Albert et al A (https://dx.doi.org/10.1101/2020.04.24.058576) Mélanie Albert et al C Antonin Bal et al Cuillaume Croville et al Antonin Bal et al
EPUS_44326 EPUS_60339; EPUS_40314; EPUS_60399; EPUS_6	CHU - Holpital Cavate Blanche - Labo. de Virologie CHU Clermont-Ferrand CHU Mortpeller CHU Nantes CHU Posters CHU Fudousie CHU Toulousie CHU Toulo	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris CNR Virus des Infections Respiratoires - France SUD CHU Purpan - Laboratoire de Virologie - Institut Fédératif de Biologie Laboratoire de virologie - École Nationale Vétérinaire de Toulouse CNR Virus des Infections Respiratoires - France SUD Instituto Nacional de Saude (INSA) Laboratoire de santé publique du Québec Malairia Research and Training Centre (INRTC-Parasito) Bundessein Institut of Microbiology Instituto des Saude Pública de Chile CNR Virus des Infections Respiratoires - France SUD	Mélanie Albert et al A (https://dx.doi.org/10.1101/2020.04.24.069576) Mélanie Albert et al C Antonin Bal et al Cuillaume Croville et al Antonin Bal et al Latour J. et al Cuillaume Croville et al Antonin Bal et al
EP_LS_44256 EP_LS_60039; EP_LS_74334; EP_LS_60066; EP_LS_60066; EP_LS_60066 EP_LS_60270 EP_LS_602270 EP_LS_74469; EP_LS_74469; EP_LS_602270 EP_LS_74469; EP_LS_74469; EP_LS_74469; EP_LS_602270; EP_LS_602270; EP_LS_602270 EP_LS_60270 EP_LS_	CHU - Hopital Cavate Blanche - Labo. de Virologie CHU Clermont-Ferrand CHU Mortpeller CHU Narrites CHU Potities CHU Potities CHU Potities CHU Potities CHU Potities CHU Fundan - Laboratoire de Virologie - Institut Fédératif de Biologie CHU Toulouse CHU Toulouse CHU Toulouse CHU de Nice - Hopital Archet 16 CHU de Nice - Hopital Archet 16 CHU de Nice - Hopital Archet 17 CHU	National Reference Center for Viruses of Resipratory Infections, Institut Pasteur, Paris CNR Virus des Infections Respiratoires - France SUD CNR Virus des Infections Respiratores - France SUD Laboratorie des antés publique du Québec Maliaria Research and Training Centre (MRTC-Parasito) Bundesende Institut de Microbiology Institut de Salud Publica de Chile Institut des Infections Respiratoires - France SUD CNR Virus des Infections Respiratoires - France SUD CNR Virus des Infections Respiratoires - France SUD CNR Virus des Infections Respiratoires - France SUD	Mélanie Albert et al A (https://dx.doi.org/10.1101/2020.04.24.056576) Mélanie Albert et al C Antonin Bal et al
EP_US_44205 EP_US_60030; EP_US_40514; EP_US_60098; EP_US_60098; EP_US_60098; EP_US_60099; EP_US	CHU - Hophal Carvate Blanche - Labo. de Virologie CHU Clemnos Ferrand CHU Montpeller CHU Politers CHU Debran - Laboratorie de Virologie - Institut Fédératif de Biologie CHU Toulouse CHU Toulouse CHU Toulouse CHU de Nice - Hophal Archet 16 CHU de Nice - Hophal Archet 16 CHU de Nice - Hophal Archet 16 CHU	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris CNR Virus des Infections Respiratories - France SUD CHU Purpan - Laboratorie de Virologie - Institut Federatif de Biologie Laboratorie de virologie - École Nationale Vetérinaire de Toufouse CNR Virus des Infections Respiratories - France SUD Instituto Nacional de Saude (INSA) Laboratorie de santie publique du Quebec Malaira Research and Training Center (MRTC-Parasato) Bundesseehr Institut of Microbiology Instituto de Saude Publica de Chile Instituto des Saude Publica de Chile Instituto des Infections Respiratories - France SUD CNR Virus des Infections Respiratories - France SUD	Mélanie Albert et al A (https://dx.doi.org/10.1101/2020.04.24.059576) Mélanie Albert et al C Antrioni Ball et al Ball et al (https://dx.doi.org/10.1016) cmi. 2020.03.020) Ismael N et al
EP.J.S., 44219 EP.J.S., 44209 EP.J.S., 44031; EP.J.S., 54034; EP.J.S., 54034; EP.J.S., 54039; EP.J.S., 56039; EP.J.S., 56039	CHU - Hopital Carvate Blanche - Labo. de Virologie CHU Clemnont-Ferrand CHU Montpeller CHU Montpeller CHU Pollers CHU Toulous CHU Toulous CHU Toulous CHU Toulous CHU Toulous CHU Toulous CHU CHU Church CHU Toulous CHU Church CHURCh CHU Church CHURCh CHU Church CHURCh CHU Churc	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris CNR Virus des Infections Respiratores - France SUD CHU Purpan - Laboratorie de Virologie - Institut Féderatif de Biologie Laboratorie de virologie - École Nationale Vétérinaire de Toutouse CNR Virus des Infections Respiratores - France SUD Instituto Nacional de Saude (INSA) Instituto Nacional de Saude (INSA) Instituto Nacional de Saude (INSA) Burdeseveir Institut of Microbiology Instituto des Saude Publica de Chile CNR Virus des Infections Respiratores - France SUD	Mélanie Albert et al A (https://dx.doi.org/10.1101/2020.04.24.056576) Mélanie Albert et al C Antonin Bal et al Guidmar et al et al Guidmar et al et al Antonin Bal et al

EPI_ISL_661307; EPI_ISL_581407; EPI_ISL_578176; EPI_ISL_578168; EPI_ISL_661305; EPI_ISL_661306; EPI_ISL_661311; EPI_ISL_661306; EPI_ISL_661304; EPI_ISL_581441; EPI_ISL_569861; EPI_ISL_581451	CSIR-Indian Institute of Chemical Biology, MEDICA Supercpecialty Hospital Kolkata	CSIR-Indian Institute of Chemical Biology, MEDICA Supercpecialty Hospital Kolkata	Sujay Krishna Maity et al
EPI ISL 445303	CTRO.DE SALUD FAMILIAR DR. RAUL YAZIGI	Instituto de Salud Publica de Chile	Andrés E Castillo et al
EPI_ISI_452140	CUB Hopital Erasme Laboratoire d'Anatomie Pathologique	CUB Hopital Erasme Laboratoire d'Anatomie Pathologique	Isabelle Salmon et al
EPI_SL_451935	CUB Hopital Erasme Laboratoire d'Anatomie Pathologique	CUB Hopital Erasme Laboratoire d'Anatomie Pathologique	Prof. Isabelle Salmon et al
	CUMC - CHI Bergan Mercy	Creighton University School of Medicine, Departments of Medical Microbiology and Pharmacology and Neuroscience	Michael Belshan et al
EP ISL_582477; EP ISL_582376; EP ISL_582397; EP ISL_58239	Cadham Provincial Laboratory	National Microbiology Laboratory (NML)	Anna Majer et al
EPI_ISL_408008; EPI_ISL_408009	California Department of Health California Department of Health	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen et al B (https://dx.doi.org/10.1101/2020.03.09.20032896)
EPI_SL_408010		Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao et al B (https://dx.doi.org/10.1101/2020.03.09.20032896)
EPI_SL_00036	California Department of Public Health	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Anna Uehara et al (https://dx.doi.org/10.1101/2020.03.09.20032898)
EPLISL_410044	California Department of Public Health	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Jing Zhang et al A (https://dx.doi.org/10.1101/2020.03.09.20032896)
EPI_SL_411954; EPI_SL_41292; EPI_SL_411955	California Department of Public Health	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen et al A
EPI_SL_419554	California Department of Public Health	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao et al A
EPI_ISL_447894	Caloundra Hospital	Public Health Virology Laboratory	Bixing Huang et al
EPI_ISL_578373; EPI_ISL_578371; EPI_ISL_578372	Cancer Biology Department, National Cancer Institute	Cancer Biology Department, National Cancer Institute	Zekri et al
EPI_ISL_447054	Cantacuzino National Military-Medical Institute for Research and Development	Cantacuzino Institute	M.Lazar et al (https://dx.doi.org/10.1101/2020.06.28.175802)
EPI_ISL_456373; EPI_ISL_456300; EPI_ISL_458353	Canterbury Health Laboratories	Institute of Environmental Science and Research (ESR)	Matt Storey et al B
EP_ISL_579224; EP_ISL_548138; EP_ISL_548139; EP_ISL_548140; EP_ISL_785620; EP_ISL_755822; EP_ISL_755621; EP_ISL_732963; EP_ISL_579426; EP_ISL_579496; EP_ISL_579496; EP_ISL_589792	Canterbury Health Laboratories	Institute of Environmental Science and Research (ESR)	Xiaoyun Ren et al
EPI_ISL_766311	Caribbean Regional Health Authority	Carrington Lab, Department of PreClinical Sciences, Faculty of Medical Sciences, The University of the West Indies	Nikita S. D. Sahadeo et al
EPLISL,76387; EPLISL,76387	Caribbean Regional Public Health Authority	Carrington Lab, Department of PreClinical Sciences, Faculty of Medical Sciences, The University of the West Indies	Nikita S. D. Sahadeo et al
EPI_ISL_450413	Center for Diagnostics, Institute of Medical Microbiology, Virology and	University Medical Center Hamburg-Eppendorf	Huang et al (https://dx.doi.org/10.1128/MRA.00520-20)
EPI ISL 488760	Center for Genome Regulation (CRG)	Center for Mathematical Modeling and Center for Genome Regulation. Santiago, Chile	Gaete A et al
[-] [S. 167784 EPI_SI, 5167785 EPI_SI, 522441 EPI_SI, 522440 EPI_SI, 522440 EPI_SI, 522444 EPI_SI, 522440 EPI_SI, 522480 EPI_SI, 522483 EPI_SI, 522443 EPI_SI, 522443	Center for Laboratory Control of Infectious Diseases, Korea Centers for Diseases Control and Prevention	Center for Laboratory Control of Infectious Diseases, Korea Centers for Diseases Control and Prevention	Junyoung Kim et al
EP_ISL_493137	Center for Research and Innovation, Faculty of Medical Technology, Mahidol University	Center for Research and Innovation, Faculty of Medical Technology, Mahidol University	Kantima Sangsiriwut et al
EPI_SL_983963; EPI_SL_983708; EPI_SL_983710; EPI_SL_983710; EPI_SL_983710; EPI_SL_983700; EPI_SL_983900; EPI_SL_983900; EPI_SL_983990; EPI_SL_983990; EPI_SL_983900; EPI_SL	Center for Virology, Medical University of Vienna	Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Alexandra Popa et al A
EPLISL_475795	Center for Virology, Medical University of Vienna	Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Alexandra Popa et al B (https://dx.doi.org/10.1101/2020.07.15.204339 v1)
EPI_ISL_419695; EPI_ISL_437993; EPI_ISL_437994; EPI_ISL_419696; EPI_ISL_437995; EPI_ISL_438045; EPI_ISL_438045; EPI_ISL_438046; EPI_ISL_438086	Center for Virology, Medical University of Vienna	Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Alexandra Popa et al B (https://www.biorxiv.org/content/10.1101/2020. 07.15.204339v1)
EPI_SL_677708; EPI_JSL_516418; EPI_SL_677708; EPI_SL_516421; EPI_SL_516415; EPI_SL_516416; EPI_SL_678249; EPI_SL_678248; EPI_SL_516419	Center for public health - Skopje	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov" , Macedonian Academy of Sciences and Arts	RCGEB - MASA et al
EPI_ISL_75572	Center of Advanced Studies and Technology, CAST	Center of Advanced Studies and Technology, CAST	Ferrante et al
EPLISI_523950	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Center of Medical Microbiology, Virology, and Hospital Hygiene, Heinrich Heine University Düsseldorf	Maximilian Damagnez et al
EP IS, 00544; FP IS, 00544; EP IS, 20044; EP IS, 20041; EP IS, 20031; FP IS, 00031; FP IS, 00002; FP IS, 00002; EP IS, 00004; EP IS, 000004; EP IS, 000004; EP IS, 000004; EP IS, 000004; EP IS, 00000000000000000000000000000000000	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Maximilian Damagnez et al
EP 12, 45125, P1 13, 45196, EP 15, 41496, EP 13, 44496, EP 13, 44496	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Ortwin Adams et al A (https://dx.doi.org/10.1101/2020.04.25.20079517)
EPI_ISL_414307; EPI_ISL_426127; EPI_ISL_426128	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Ortwin Adams et al B
EPL SL,52390	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Universitätstr.1 40225 Düsseldorf Germany	Maximilian Damagnez et al
EPI_ISL_430820	Center of Scientific Excellence for Influenza Viruses, National Research Centre (NRC), Egypt.	Center of Scientific Excellence for Influenza Viruses, National Research Centre (NRC), Egypt.	Mohamed Ahmed Ali et al (https://dx.doi.org/10.3389/fmicb.2020.01316)
EPI ISL 430819	Center of Scientific Excellence for Influenza Viruses, National Research	Center of Scientific Excellence for Influenza Viruses, National Research Centre (NRC), Egypt.	Mohamed Ahmed Ali et al (https://dx.doi.org/10.3389/fmicb.2020.01316)
E-U	Centre (NRC), Egypt. Centers for Disease Control, R.O.C. (Taiwan)	Centers for Disease Control, R.O.C. (Taiwan)	Ji-Rong Yang et al B
EP_1S_400000, EP_1S_50_400000, EP_1S_50_400000	Centers for Disease Control, R.O.C. (Taiwan)	Centers for Disease Control, R.O.C. (Talwan)	Ji-Rong Yang et al. C (https://dx.doi.org/10.1099/scmi.0.000133)
	Centogene AG	Centegene AG	Prof. Dr. Peter Bauer et al
EPI_SIL_499944, EPI_SIL_499993, EPI_SIL_499992. EPI_SIL_457750	Central Molecular Microbiology Laboratory and Next Generation		Prof. Dr. Peter Bauer et al
EP_ISL_\$29022	Sequencing Reference Laboratory, Clinical and Chemical Pathology Department, Faculty of Medicine, CAIRO UNIVERSITY	Next Generation Sequencing Reference Laboratory, Faculty of Medicine, CAIRO UNIVERSITY and The Center for Genome and Microbiome Research, Faculty of Pharmacy, CAIRO UNIVERSITY	May Sherif Soliman et al
EPI_ISL_669478; EPI_ISL_669473; EPI_ISL_669473; EPI_ISL_669474; EPI_ISL_669477; EPI_ISL_669477; EPI_ISL_669479; EPI_ISL_669479; EPI_ISL_669483; EPI_ISL_669477; EPI_ISL_669479; EPI_ISL_699482	Central Public Health Laboratory	National Public Health Laboratory, National Centre for Infectious Diseases	Tze Minn Mak et al
EPI_ISL_419211	Central Virology Laboratory	Israel Institute for Biological Research	Inbar Cohen-Gihon et al (https://dx.doi.org/10.1101/2020. 05.21.20104521)
EPI_ISL_737203; EPI_ISL_733498			
	Central Virology Laboratory, Israel Ministry of Health	Central Virology Laboratory, Israel Ministry of Health	Neta S. Zuckerman et al
EPI_ISL_486417; EPI_ISL_486410	Central Virology Laboratory, Israel Ministry of Health Centrals laboratorija	Central Virology Laboratory, Israel Ministry of Health Latvian Biomedical Research and Study Centre	Neta S. Zuckerman et al Ivars Silamilyelis et al
EPI_ISL_486417; EPI_ISL_486410 EPI_ISL_548258			
	Centrala laboratorija	Latvian Biomedical Research and Study Centre	Ivars Silamilyelis et al
EPI_ISL_548256	Centrala laboratorija Centralsjukhuset	Latvian Biomedical Research and Study Centre The Public Health Agency of Sweden	Ivans Silamilyelis et al Anna-Malin Linde et al
EPI_ISL_446000 EPI_ISL_416604 EPI_ISL_416624	Centrals laboratorija Centralsija/huset Centralsija/huset Centre For Biotechnology Research and Development Centre Hosilalier Universitaire de Rouen Laboratoire de Virologie	Lahvien Biomedical Research and Study Centre The Public Health Agency of Sweden Centre For Biotechnology Research and Development	Ivans Silamişelis et al Anna Malin Linde et al Matoise Muhia et al Mémie Albert et al (https://dx.doi.org/10.1101/2020.04.24.059576)
EPLISL_548256 EPLISL_548000	Centrala laboratorija Centralajukhuset Centre For Biotechnology Research and Development	Lahvian Biomedical Research and Study Centre The Public Health Agency of Sweden Centre For Biotechnology Research and Development National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Ivars Silamiljelis et al Anna-Malin Linde et al Matoke-Muhia et al
EPI_ISL_548256 EPI_ISL_456000 EPI_ISL_416494; EPI_ISL_414824 EPI_ISL_426969; EPI_ISL_418220 EPI_ISL_418218	Centrals laboratorija Centralsjakhuset Centre For Biotechnology Research and Development Centre For Biotechnology Research and Development Centre Hoststalier Universitaire de Rouen Laboratoire de Virologie Centre Hospital	Lahvian Biomedical Research and Study Centre The Public Health Agency of Sweden Centre For Biotechnology Research and Development National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Ivans Silamişelis et al Anna Malin Linde et al Matoke-Muhia et al Métrie Albert et al (https://dx.doi.org/10.1101/2020.04.24.059576) Métaine Albert et al A (https://dx.doi.org/10.1101/2020.04.24.059576)
EPLISL_646256 EPLISL_646600 EPLISL_646604 EPLISL_146624 EPLISL_676606 EPLISL_416220 EPLISL_6766606 EPLISL_656463 EPLISL_636462 EPLISL_636466	Centrals jakhruset Centralsjakhruset Centra For Blöschnickyy Research and Development. Centre For Blöschnickyy Research and Development. Centre Hostalier Universitaire de Rousen Laboratoire de Virologie Centre Hospataler Compiègne Laboratoire de Biologie Centre Hospataler Compiègne Laboratoire de Biologie Centre Hospataler Pierre Oudot	Lahvien Biomedical Research and Study Centre The Public Health Agency of Sweden Center or Biotechnology Research and Development National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris CNR Virus des Infections Respiratories - France SUD	Ivans Silamigelis et al Anna Malin Linde et al Malios Auhinia et al Melios Revent et al (Hope, Jids. del ong/10, 1101/2020,04.24,099576) Melios Albert et al (Hope, Jids. del ong/10, 1101/2020,04.24,099576) Mélionie Albert et al (Albert et al C Antonin Ball et al
EP_ISL_466000 EP_ISL_416404, EP_ISL_414624 EP_ISL_416404, EP_ISL_414624 EP_ISL_416908, EP_ISL_416220 EP_ISL_416908, EP_ISL_416220 EP_ISL_416918 EP_ISL_416406, EP_ISL_606403, EP_ISL_606462, EP_ISL_506460 EP_ISL_419168	Centrals laboratorija Centralsija/huset Centre For Blotschnology Research and Development Centre For Blotschnology Research and Development Centre Hospitalier Universitärie de Rouen Laboratoire de Virologie Centre Hospitalier Compiègne Laboratoire de Biologie Centre Hospitalier Compiègne Laboratoire de Biologie Centre Hospitalier Pierre Oudot Centre Hospitalier Pierre Oudot	Lahvien Biomedical Research and Study Centre The Public Health Agency of Sweden Centre To Biotechnology Research and Development National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris CARS Virus des Infections Respiratoires - France SUD CNR Virus des Infections Respiratoires - France SUD	Ivans Silamişelis et al Anna Malin Linde et al Maloice-Mulhia et al Méloice Albert et al (Hisps:/ldx.doi.org/10.1101/2020.04.24.059576) Mélaine Albert et al (Hisps:/ldx.doi.org/10.1101/2020.04.24.059576) Mélaine Albert et al C Antonin Bal et al Antonin Bal et al
EP_ISL_548256 EP_ISL_456600 FP_ISL_416424 EP_ISL_416644 EP_ISL_416420 EP_ISL_416216 EP_ISL_416216 EP_ISL_506460 EP_ISL_606400 EP_ISL_606483 EP_ISL_606482 EP_ISL_606480 EP_ISL_606442	Centrals laboratorija Centralsja/huset Centre For Blobchvology Research and Development Centre For Blobchvology Research and Development Centre Hospitalier Cuniversitaire de Rouen Laboratorier de Virologie Centre Hospitalier Compiègne Laboratorie de Biologie Centre Hospitalier Compiègne Laboratorie de Biologie Centre Hospitalier Penre Oudot Centre Hospitalier Penre Oudot Centre Hospitalier de Valence Centre Muraz	Latvien Biomedical Research and Study Centre The Public Health Agency of Sweden Centre For Biotechnology Research and Development National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris CNR Virus des Netictions Respiratores - France SUD CNR Virus des Infections Respiratores - France SUD Project group Epidemology of Highly Pathogenic Microorganisms, Robert Koch Institut	Ivans Sitamişelis et al Anna Matin Linde et al Matoko-Muhia et al Melnic Abert et al (hitps://dx.doi.org/10.1101/2020.04.24.059676) Mellanic Abert et al (hitps://dx.doi.org/10.1101/2020.04.24.059676) Mellanic Abert et al C Antonin Bal et al Antonin Bal et al Soumeya Ouangraous et al
EP_ISL_548256 EP_ISL_546960; EP_ISL_414824 EP_ISL_549966; EP_ISL_541820 EP_ISL_549966; EP_ISL_586483; EP_ISL_538482; EP_ISL_538486 EP_ISL_5418218 EP_ISL_549676; EP_ISL_536575; EP_ISL_536576; EP_ISL_538574	Centrals laboratorija Centralsja/huset Centre For Biotechnology Research and Development Centre For Biotechnology Research and Development Centre Hospitaler Compilege Laboratorie de Diologie Centre Hospitaler Compilege Laboratorie de Biologie Centre Hospitaler Compilegen Laboratorie de Biologie Centre Hospitaler Penre Oudot Centre Hospitaler Penre Oudot Centre Hospitaler de Valence Centre Muraz Centre de Recherches Medicales de Lambarene (CERMEL)	Latvien Bonnedical Research and Study Centre The Public Health Agency of Sweden Centre For Biolechnology Research and Development National Reference Centre for Viruses of Respiratory Infections, Institut Pasteur, Paris National Reference Centre for Viruses of Respiratory Infections, Institut Pasteur, Paris National Reference Centre for Viruses of Respiratory Infections, Institut Pasteur, Paris National Reference Centre for Viruses of Respiratory Infections, Institut Pasteur, Paris CNR Virus des Mections Respiratories - France SUD CNR Virus des Infections Respiratories - France SUD Project group Epidemiology of Highly Pathogenic Microorganisms, Robert Koch Institut Department of Emerging Infections Diseases, Institut of Tropical Medicine, Nagasaki University	Ivans Sitamişelis et al Anna Matin Linde et al Matioke-Muhia et al Matioke-Muhia et al Melinia Abert et al (hitps://dx.doi.org/10.1101/2020.04.24.059576) Mellania Abert et al (hitps://dx.doi.org/10.1101/2020.04.24.059576) Mellania Abert et al C Antonin Ball et al Soumeya Ouangraous et al Haruka Abe et al
EP_ISL_446400 EP_ISL_414624 EP_ISL_416464 EP_ISL_414624 EP_ISL_416464 EP_ISL_41620 EP_ISL_416216 EP_ISL_516266 EP_ISL_51620 EP_ISL_516266 EP_ISL_51620 EP_ISL_516266 EP_ISL_51626483 EP_ISL_536482 EP_ISL_536486 EP_ISL_5166642 EP_ISL_516675 EP_ISL_536573 EP_ISL_536576 EP_ISL_536574 EP_ISL_571459 EP_ISL_571457 EP_ISL_536576 EP_ISL_536574	Centrals jaboratorija Centrals jaboratorija Centrals jaboratorija Centrals for Bidocchronicingy Research and Development Centre Hostalier Universilaire de Rousen Laboratorie de Virologie Centre Hostalier Compiègne Laboratorie de Biologie Centre Hospitalier Compiègne Laboratorie de Biologie Centre Hospitalier Penre Oudot Centre Hospitalier Penre Oudot Centre laboratorie de Valence Centre Butzaz Centre de Recherches Medicales de Lambarene (CERMEL) Centre de Virologie des Maladies Tropicales	Latvien Bonnedical Research and Study Centre The Public Health Agency of Sweden Centre For Biolechnology Research and Development National Reference Centre for Viruses of Respiratory Infections, Institut Pasteur, Paris National Reference Centre for Viruses of Respiratory Infections, Institut Pasteur, Paris National Reference Centre for Viruses of Respiratory Infections, Institut Pasteur, Paris National Reference Centre for Viruses of Respiratory Infections, Institut Pasteur, Paris CRIK Virus des Mections Respiratories - France SUD CRIK Virus des Infections Respiratories - France SUD Project group Epidemnology of Highly Pathogenic Microorganisms, Robert Koch Institut Department of Emerging Infections Disease, Institute of Tropical Medicine, Nagasaki University Functional Genomic Patiform/Service Analyses Biologique/LATRS/ Centre National Pour la Recherche Scientifique Et Technique (CNRST)	Ivans Silamigalis et al Anna Malin Linde et al Malios Akhinia et al Mélinia Robert et al (Hipps://dx.doi.org/10.1101/2020.04.24.099576) Mélinia Albert et al (Hipps://dx.doi.org/10.1101/2020.04.24.099576) Mélinia Albert et al C Antonin Bal et al Antonin Bal et al Sourreya Ouangraous et al Haraka Albe et al Hisriana ANNAZ et al
EPUSL_468000 EPUSL_416804; EPUSL_414624 EPUSL_696006; EPUSL_414620 EPUSL_696006; EPUSL_418200 EPUSL_6960078; EPUSL_606400; EPUSL_636483; EPUSL_636482; EPUSL_636480 EPUSL_696078; EPUSL_606400; EPUSL_636483; EPUSL_636482; EPUSL_636480 EPUSL_6960442	Centrals jabinuset Centrals jabinuset Centrals for Biotechnology Research and Development Centre For Biotechnology Research and Development Centre Hospitaler Compiègne Laboratoire de Virologie Centre Hospitaler Compiègne Laboratoire de Biologie Centre Hospitaler Compiègne Laboratoire de Biologie Centre Hospitaler Pierre Oudot Centre Hospitaler de Valence Centre de Recherches Medicales de Lambarene (CERMEL) Centre de Virologie des Maladies Tropicales Centre for Dengue Research	Lahvien Bonnedical Research and Study Centre The Public Health Agency of Sweden Center for Biotechnology Research and Development National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris National Reference Center for Viruses of Respiratory infections, Institut Pasteur, Paris National Reference Center for Viruses of Respiratory infections, Institut Pasteur, Paris National Reference Center for Viruses of Respiratory infections, Institut Pasteur, Paris CNR Virus des Infections Respiratores - France SUD CNR Virus des Infections Respiratores - France SUD Project group Epidemology of Highly Pathogenic Microroganisms, Robert Koch Institut Department of Emerging Infectious Diseases, Institute of Tropical Medicine, Nagasaki University Functional Genomic Platform/Service Analyses Biologique/LATRS/ Centre National Pour la Recherche Scientifique El Technique (CNRST) Centre for Dangue Research	Ivans Silamişelis et al Anna Malin Linde et al Malios-Mulinia et al Melios Abert et al (Hops./ldx.doi.org/10.1101/2020.04.24.099576) Melianie Albert et al (Peps./ldx.doi.org/10.1101/2020.04.24.099576) Melianie Albert et al C Antonin Bal et al Antonin Bal et al Sourreya Cuangratous et al Haruka Aber et al Haruka Aber et al Hcham ANNAZ et al Chandma Alexandras et al A (Hitps://dx.doi.org/10.21203/rs.3.rs-4413/4/r)
EPI_ISL_646256 EPI_ISL_646000 EPI_ISL_416464, EPI_ISL_416424 EPI_ISL_69666, EPI_ISL_416220 EPI_ISL_69666, EPI_ISL_516200 EPI_ISL_696478, EPI_ISL_636460, EPI_ISL_636462, EPI_ISL_636466 EPI_ISL_696478, EPI_ISL_58675, EPI_ISL_636463, EPI_ISL_636462, EPI_ISL_636466 EPI_ISL_5960642 EPI_ISL_5960575, EPI_ISL_596775, EPI_ISL_596774 EPI_ISL_696775, EPI_ISL_47467, EPI_ISL_596774 EPI_ISL_67666, EPI_ISL_596775, EPI_ISL_596775, EPI_ISL_596774 EPI_ISL_57666, EPI_ISL_596775, EPI_ISL_576675, EPI_ISL_576676 EPI_ISL_5766675, EPI_ISL_5264775, EPI_ISL_5266775, EPI_ISL_526466, EPI_ISL_526466, EPI_ISL_5264776 EPI_ISL_576461; EPI_ISL_5264776, EPI_ISL_5264776, EPI_ISL_526466, EPI_ISL_526466, EPI_ISL_5264776	Centrals jaboratorija Centrals jabruset Centre For Blotechnology Research and Development Centre For Blotechnology Research and Development Centre Hospitalier Universitaire de Rousen Laboratoire de Virologie Centre Hospitalier Compiègne Laboratoire de Biologie Centre Hospitalier Ferre Oudot Centre Hospitalier de Valence Centre Mospitalier de Valence Centre Mospitalier Medicalies de Lambarene (CERMEL) Centre de Rotechrehs Medicalies de Lambarene (CERMEL) Centre de Rotechrehs Medicalies de Lambarene (CERMEL) Centre de Polypue Research	Lahvien Biomedical Research and Study Centre The Public Health Agency of Sweden Centre For Biotechnology Research and Development National Reference Centre for Viruses of Respiratory Infections, Institut Pasteur, Paris National Reference Centre for Viruses of Respiratory Infections, Institut Pasteur, Paris National Reference Centre for Viruses of Respiratory Infections, Institut Pasteur, Paris CNR Virus des Infections Respiratories - France SUD CNR Virus des Infections Respiratories - France SUD Project group Epidemotogy of Highly Pathogenic Microorganisms, Robert Koch Institut Department of Emerging Infectious Diseases, Institute of Tropical Medicine, Nagasaki University Functional Genomic Pathorm/Service Analyses Biologique UATRS/ Centre National Pour la Recherche Scientifique El Technique (CAPRST) Centre for Dangue Research Centre for Dangue Research	Ivans Silamişalıs et al Anna Malin Linde et al Malios Auhini et al Melinis Albert et al (Hipps./lids.doi.org/10.1101/2020.04.24.099676) Melinis Albert et al al (Hipps./lids.doi.org/10.1101/2020.04.24.099676) Melinis Albert et al A (Hipps./lids.doi.org/10.1101/2020.04.24.099676) Melinis Albert et al C Antonin Ball et al Soumeya Ouangraous et al Hicham ANNAZ et al Chandima Jeresandisca et al A (Hipps./lids.doi.org/10.21203/rs.3.rs-4413447) Chandima Jeresandisca et al B
EPUSL_468000 EPUSL_416804; EPUSL_414624 EPUSL_696006; EPUSL_414620 EPUSL_696006; EPUSL_418200 EPUSL_6960078; EPUSL_606400; EPUSL_636483; EPUSL_636482; EPUSL_636480 EPUSL_696078; EPUSL_606400; EPUSL_636483; EPUSL_636482; EPUSL_636480 EPUSL_6960442	Centrals jabinuset Centrals jabinuset Centrals for Biotechnology Research and Development Centre For Biotechnology Research and Development Centre Hospitaler Compiègne Laboratoire de Virologie Centre Hospitaler Compiègne Laboratoire de Biologie Centre Hospitaler Compiègne Laboratoire de Biologie Centre Hospitaler Pierre Oudot Centre Hospitaler de Valence Centre de Recherches Medicales de Lambarene (CERMEL) Centre de Virologie des Maladies Tropicales Centre for Dengue Research	Lahvien Bonnedical Research and Study Centre The Public Health Agency of Sweden Center for Biotechnology Research and Development National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris National Reference Center for Viruses of Respiratory infections, Institut Pasteur, Paris National Reference Center for Viruses of Respiratory infections, Institut Pasteur, Paris National Reference Center for Viruses of Respiratory infections, Institut Pasteur, Paris CNR Virus des Infections Respiratores - France SUD CNR Virus des Infections Respiratores - France SUD Project group Epidemology of Highly Pathogenic Microroganisms, Robert Koch Institut Department of Emerging Infectious Diseases, Institute of Tropical Medicine, Nagasaki University Functional Genomic Platform/Service Analyses Biologique/LATRS/ Centre National Pour la Recherche Scientifique El Technique (CNRST) Centre for Dangue Research	Ivans Silamişelis et al Anna Malin Linde et al Malios-Mulinia et al Melios Abert et al (Hops./ldx.doi.org/10.1101/2020.04.24.099576) Melianie Albert et al (Peps./ldx.doi.org/10.1101/2020.04.24.099576) Melianie Albert et al C Antonin Bal et al Antonin Bal et al Sourreya Cuangratous et al Haruka Aber et al Haruka Aber et al Hcham ANNAZ et al Chandma Alexandras et al A (Hitps://dx.doi.org/10.21203/rs.3.rs-4413/4/r)

Centre for Dengue Research, Department of Immunology and Molecular Medicine Centre for Dengue Research EPI ISL 602564 Chandima Jeewandara et al B Centre for Dengue Research, Department of Immunology and EPI_ISL_668449; EPI_ISL_668451; EPI_ISL_668453; EPI_ISL_602576; EPI_ISL_602576; EPI_ISL_602574; EPI_ISL_668450; EPI_ISL_668454; EPI_ISL_668457; EPI_ISL_668452; EPI_ISL_668459; EPI_ISL_668452; EPI_ISL_668459; EPI_ISL_668459 Centre for Dengue Research, Department of Immunology and Molecular Medicine Chandima Jeewandara et al B Centre for Enzyme Innovation, University of Portsmouth / Translational COVID-19 Genomics UK (COG-UK) Consor Research Laboratory, Portsmouth Hospitals NHS Trust EPI ISL 46199 EPI_ISL_733568 Centre for Health Protection Hong Kong Department of Health Alan K.L. Tsang et al Centre for Human and Zoonotic Virology (CHAZVY), College of Medicine University of Lagos/Lagos University Teaching Hospital (LUTH), part of the Laboratory Network of the Nigeria Centre for Disease Control (NCDC) African Centre of Excellence for Genomics of Infectious Diseases (ACEGID), Redeemer's University, Ede, Osun State, Nigeria Oluniyi P.E. et al C (https://virological.org/t/first-african-sars-cov-2-genome-sequence-from-nigerian-covid-19-case/421) EPI ISL 413550 EPI ISL 417030; EPI ISL 413214; EPI ISL 413213; EPI ISL 412975 Centre for Infectious Diseases and Microbiology Laboratory Services NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospitat; University of Sydney Eden J-S et al (https://www.nature.com/articles/s41591-020-1000-7) Centre for Infectious Diseases and Microbiology Laboratory Services NSW Health Pathology - Institute of Clinical Pathology and Medical Research: Westmead Hospital: University of Sydney EPI ISL 413595 Rockett R et al (https://www.nature.com/articles/s41591-020-1000-7) EPI ISL 700389; EPI ISL 700379; EPI ISL 700384; EPI ISL 508934; EPI ISL 700375 CNR Virus des Infections Respiratoires - France SUD Antonin Bal et al FPI ISI 536115 Centre hospitalier régional du Grand Portage Laboratoire de santé publique du Québec Sandrine Moreira et al Centre of Nanotechnologies, INCD IMT-Bucuresti (National Institute for Research and Development in Microtechnologies Research and Development in Microtechnologi EPI ISL 639739 Salceanu et al EPI_ISL_413647 Centro Hospital do Porto, E.P.E. - H. Geral de Santo Antonio Instituto Nacional de Saude (INSA) Raquel Guiomar et al EPI ISL 512670; EPI ISL 527755 Centro de Biotecnología Vegetal, Universidad Andrés Bello, Center for Center for Mathematical Modeling and Center for Genome Regulation. Santiago, Chile Genome Regulation EPI ISL 62902 Centro de Desenvolvimento Tecnologico em Saude, Fundacao
Oswaldo Cruz

Centro de Desenvolvimento Tecnologico em Saude, Fundacao Oswaldo Cruz EPI_ISL_510536; EPI_ISL_509431; EPI_ISL_509435; EPI_ISL_529140; EPI_ISL_509432; EPI_ISL_509433; EPI_ISL_509430; EPI_ISL_529139 Souza et al ED I.S. (35440): ED I.S. (35540): ED I.S. (3550): ED I.S. (3550): ED I.S. (35550): ED I.S. (35550): ED I.S. (35540): ED I.S. Centro de Diagnóstico COVID-19 UABC Tijuana SEARCH Alliance San Diego with Idanya Rubí Serafin Higuera et al Centro de Investigaciones, Universidad de Especialidades Espíritu
Santo
Institute of Microbiology, Universidad San Francisco de Quito EPI ISL 491934; EPI ISL 491935; EPI ISL 697797; EPI ISL 491933; EPI ISL 491941 Derly Andrade et al Centro de Investigación Biomédica de La Rioja - Hospital San Pedro SeqCOVID-SPAIN consortium/IBV(CSIC) EPI ISL 500429 María de Toro et al EPI IS. (509507; FPI, IS.1, 405004; EPI IS.1, 639448; EPI IS.1, 639678; EPI IS.1, 639698; EPI IS.1, 639698; EPI IS.1, 639698; EPI IS.1, 639698; EPI IS.1, 639697; EPI IS.1, 639697; EPI IS.1, 450502; EPI IS.1, 45 Latvian Biomedical Research and Study Centre Ivars Silamiķelis et a EP ISL 466415; EP ISL 501808; EP ISL 462996; EP ISL 462999; EP ISL 462999; EP ISL 462999; EP ISL 462999; EP ISL 501208; EP ISL 501209; EP ISL 466419; EP ISL 466519; EP ISL 466519; EP ISL 501209; EP ISL Centrălă laboratoriia Latvian Biomedical Research and Study Centre Ivars Silamikelis et al EPI ISL 754174: EPI ISL 754175 Charité Universitätsmedizin Berlin, Institut für Virologie Charité Universitätsmedizin Berlin, Institut für Virologie Victor M Corman et al A EP IS. 753943. EP IS. 753933. EP IS. 753732. EP IS. 753732. EP IS. 753722. EP IS. 753722. EP IS. 753242. EP IS. 753445. EP IS. 1, 5300.0 p. 18, 73573, EP IS, 17380.0 p. 18, 73590.0 p. 18, 73590 EPI ISL 752857; EPI ISL 752860; EPI ISL 75286; EPI ISL 75276; EPI EPI, IS., 516645; EPI, ISL, 516639; EPI, ISL_516639; EPI, Charité Universitätsmedizin Berlin. Institut für Virologie/Labor Berlin Charité Universitätsmedizin Berlin. Institut für Virologie/Labor Berlin Victor M Corman et al A Victor M Corman et al B (https://dx.doi.org/10.2807/1560-7917.ES. 2020.25.13.2000305) Charité Universitätsmedizin Berlin, Institute of Virology; Institut für Charité Universitätsmedizin Berlin, Institute of Virology Mikrobiologie der Bundeswehr, Munich EPI ISL 406862 EPI_ISL_735496 Chattogram Veterinary and Animal Sciences University Central Biological Research Laboratory and Department of Biochemistry and Molecular Biology Md. Imranul Hog et al EPI ISL 735497 Chattogram Veterinary and Animal Sciences University Central Biological Research Laboratory and Department of Biochemistry and Molecular Biology Mohammad Omar Faruque et al Tsuyoshi Sekizuka et al C (https://www.mednxiv.org/content/10. 1101/2020.07.01.20143958v1) EPI_ISL_480014; EPI_ISL_480012; EPI_ISL_480005 Chiba Prefectural Institute of Public Health Pathogen Genomics Center, National Institute of Infectious Diseases EP | I.S. 471/14; EP | I.S. 700345; EP | I.S. 700335; EP | I.S. 20037; EP | I.S. 700325; EP | I.S. 700345; EP | I.S. 70035; EP | I.S. 70035; EP | I.S. 700344; EP | I.S. 700337; EP | I.S. 700345; EP | I.S. 70034 EPI_ISL_491115 M. Zeeshan Chaudhry et al KRISP, KZN Research Innovation and Sequencing Platform EPI_ISL_636981 EPI_ISL_561337 Civil Hospital, Panchkula CSIR-Institute of Microbial Technology Kanika Bansal et al EP | S. 469406, EP | S. 462470, EP | S. 462470; EP | S. 462470; EP | S. 462470; EP | S. 46246, EP | S. 46245, EP | S. 46945; EP | S. 46249; EP | S. 462475; EP | S. 462477; EP Clinical Center, University of Saraievo Charite Universitatsmedizin Berlin, Institute of Virology Victor M Corman et al A EPI_ISL_677718; EPI_ISL_677715 Clinical Hospital - Bitola Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov" , Macedonian Academy of Sciences and Arts RCGEB - MASA et al. EPI_ISL_516430; EPI_ISL_677717; EPI_ISL_516427; EPI_ISL_516431; EPI_ISL_678259; EPI_ISL_677720; EPI_ISL_677721; EPI_ISL_677724; EPI_ISL_516429; EPI_ISL_516426; EPI_ISL_577716; EPI_ISL_677266 Clinical Hospital - Shtip Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov" , Macedonian Academy of Sciences and Arts DOCER - MASA et al Clinical Microbiology Laboratory, Faculty of Medicine, Universitas Clinical Microbiology Laboratory. Faculty of Medicine. Universitas Indonesia EPI_ISL_447448; EPI_ISL_447464; EPI_ISL_447469; EPI_ISL_447455; EPI_ISL_447454 Clinical Microbiology Laboratory, Sheba Medical Center Stern Lab et al (https://dx.doi.org/10.1101/2020.05.21.20104521 EPI_ISL_483572; EPI_ISL_490204 Clinical Microbiology Laboratory- Basurto University Hospital Clinical Virology Laboratory, Soroka Medical Center and the Faculty of Health Sciences, Ben-Gurion University of the Negev EPI ISL 447328 Stern Lab et al (https://dx.doi.org/10.1101/2020.05.21.20104521) EPI_ISL_447411; EPI_ISL_447381; EPI_ISL_447358; EPI_ISL_447358 Clinical Virology Unit. Hadassah Hebrew University Medical Center Stern Lab Stern Lab et al (https://dx.doi.org/10.1101/2020.05.21.20104521) EPI_ISL_753526; EPI_ISL_753618 Clinical virology Laboratory, Children's Hospital Los Angeles Gai et al et al Center for Personalized Medicine, Children's Hospital Los Angeles College of Veterinary Medicine, Chungnam National University EPI_ISL_591070 College of Veterinary Medicine, Chungnam National University EPI_ISL_539823 Hong Kong Department of Health Alan K.L. Tsang et a EPI_ISL_510528 Al Wasti et al EPI_ISL_632906; EPI_ISL_632907 Communicable Disease Laboratory, Public Health Directorate Communicable Disease Laboratory, Public Health Directorate AlAbbas et al EPI_ISL_632260 AlTaif et al Communicable Disease Laboratory, Public Health Directorate EPI_ISL_632287; EPI_ISL_632286; EPI_ISL_632286; EPI_ISL_632282; EPI_ISL_632282; EPI_ISL_632284; EPI_ISL_632284; EPI_ISL_632284; EPI_ISL_632286; EPI_ISL_63286; EPI_ISL_ Communicable Disease Laboratory, Public Health Directorate Communicable Disease Laboratory, Public Health Directorate EPI_ISL_684030; EPI_ISL_681301; EPI_ISL_681309; EPI_ISL_681309; EPI_ISL_682030; EPI_ISL_682302; EPI_ISL_682302; EPI_ISL_682302; EPI_ISL_682302; EPI_ISL_682302; EPI_ISL_682302; EPI_ISL_682303; EPI_ISL_682303 Communicable Disease Laboratory, Public Health Directorate Communicable Disease Laboratory, Public Health Directorate Alwasti et al

EPI_ISL_510531 Communicable Disease Laboratory, Public Health Directorate Communicable Disease Laboratory, Public Health Directorate Shehab et al EPI ISL 48540 Communicable Disease Laboratory, Public Health Directorate Communicable Disease Laboratory, Public Health Directorate Zaed et al EPI_ISL_537380 Compleio Hospitalario Universitario de Vigo Benito Regueiro et al EPI ISL 735494 Cox's Bazar Medical College Central Biological Research Laboratory and Department of Biochemistry and Molecular Biology Md. Imranul Hog et al Central Biological Research Laboratory and Department of Biochemistry and Molecular Biology Central Biological Research Laboratory and Department of Biochemistry and Molecular Biology EPI_ISL_735493 Cox's Bazar Medicila College Samples: Nelson Gaburo Jr et al (https://dx.doi.org/10.1126/science.abd2161) EPI ISL 476178 Department of Neurovirology, National Institute of Mental Health and Neuroscience (NIMHANS) EPI_ISL_515932 Chitra Pattabiraman et al EPI ISL 747283 Md. Imran Khan et al B (https://dx.doi.org/10.1101/2020.06.07.138800) EPI_ISL_445216 DNA Solution Ltd. DNA Solution Ltd. EPI ISL 745420 DOHMH Crown Heights New York City Public Health Laboratory Jade Wang et al EPI ISL 683951 DOHMH Jamaica New York City Public Health Laboratory Jade Wang et al EPI_ISL_671688 DOHMH Morrisania New York City Public Health Laboratory Jade Wang et al EPI ISL 416543; EPI ISL 416542; EPI ISL 421652 EPI ISL 416541 Dasman Diabetes Institute and Virology Laboratory Ministry of Health Dasman Diabetes Institute Fahd Al-Mulla et al EPI ISL 708414: EPI ISL 708388: EPI ISL 576150 Gregory Hoyan et al EPI ISL 430808; EPI ISL 430797; EPI ISL 430802; EPI ISL 430796 Departamento de Biología y genética molecular, IACA Laboratorios. Área de Secuenciación del Laboratorio de Virología del Hospital de Niños Dr. Ricardo Gutierrez Nabaes Jodar et al A (https://dx.doi.org/10.1101/2020.05.23.20111443) EPI ISL 430806 Departamento de Biología y genética molecular, IACA Laboratorios. Área de Secuenciación del Laboratorio de Virología del Hospital de Niños Dr. Ricardo Gutierrez Nabaes Jodar et al B Departamento de Laboratorios de Salud Publica (DLSP, Division Epidemiologia, Ministerio de Salud Publica)

Facultad de Ciencias (Sección Genética Evolutiva, Sección Virología). EPI ISL 444493 Panzera et al EPI_ISL_508663; EPI_ISL_508667; EPI_ISL_508675 Departamento de Microbiología, CDB, Hospital Clínic, Barcelona SenCOVID-SPAIN consortium/IRV/CSIC) Andrea Vergara et al EPI_ISL_516923; EPI_ISL_516931; EPI_ISL_516932; EPI_ISL_516927; EPI_ISL_516926; EPI_ISL_516926; EPI_ISL_516930; EPI_ISL_516930; EPI_ISL_516926; EPI_ISL_516922; EPI_ISL_516922; EPI_ISL_516924; EPI_ISL_516924 Department for Molecular Diagnostics, Centre for Medical Microbiology, Institute of Public Health of Montenegro Victor M Corman et al A Department for Virology, Molecular Biology and Genome Research, R. G. Lugar Center for Public Health Research, National Center for Disease Control and Public Health (NCDC) of Georgia. Department for Virology, Molecular Biology and Genome Research, R. G. Lugar Center for Public Health Research, National Center for Disease Control and Public Health (NCDC) of Georgia. EPI ISL 481380 Ana Papkiauri et al Department for Virology, Molecular Biology and Genome Researd G. Lugar Center for Public Health Research, National Center for Disease Control and Public Health (NCDC) of Georgia. Department for Virology, Molecular Biology and Genome Research, R. G. Lugar Center for Public Health Research, National Center for Disease Control and Public Health (NCDC) of Georgia.

Giorgi Tomashvilii et al. EPI ISL 763062; EPI ISL 470876 Department for Virology, Molecular Biology and Genome Research, F G. Lugar Center for Public Health Research, National Center for Disease Control and Public Health (NCDC) of Georgia. Department for Virology, Molecular Biology and Genome Research, R. G. Lugar Center for Public Health Research, National Center for Disease Control and Public Health (NCDC) of Georgia. EPI ISL 470877; EPI ISL 447056 Gyantsa Brachveli et al Department for Virology, Molecular Biology and Genome Research, R G. Lugar Center for Public Health Research, National Center for Disease Control and Public Health (NCDC) of Georgia. Department for Virology, Molecular Biology and Genome Research, R. G. Lugar Center for Public Health Research, National Center for Disease Control and Public Health (NCDC) of Georgia. Gvantsa Chanturia et al Department for Virology, Molecular Biology and Genome Research, R G. Lugar Center for Public Health Research, National Center for Disease Control and Public Health (NCDC) of Georgia. Department for Virology, Molecular Biology and Genome Research, R. G. Lugar Center for Public Health Research, National Center for Disease Control and Public Health (NCDC) of Georgia. EPI_ISL_420142 Department for Virology, Molecular Biology and Genome Research, R. G. Lugar Center for Public Health Research, National Center for Disease Control and Public Health (NCDC) of Georgia. Department for Virology, Molecular Biology and Genome Research, R. G. Lugar Center for Public Health Research, National Center for Disease Control and Public Health (NCDC) of Georgia. EPI ISL 754181; EPI ISL 471529; EPI ISL 447058 Department for Virology, Molecular Biology and Genome Research, R G. Lugar Center for Public Health Research, National Center for Disease Control and Public Health (NCDC) of Georgia. rtment for Virology, Molecular Biology and Genome Research, R. G. Lugar Center for Public Health Research, National er for Disease Control and Public Health (NCDC) of Georgia. EPI ISL 420140 Department for Virology, Molecular Biology and Genome Resear G. Lugar Center for Public Health Research, National Center for Disease Control and Public Health (NCDC) of Georgia. Department for Virology, Molecular Biology and Genome Research, R. G. Lugar Center for Public Health Research, National Center for Disease Control and Public Health (NCDC) of Georgia. EPI_ISL_481483 Nino Berishvili et al Department for Virology, Molecular Biology and Genome Resear G. Lugar Center for Public Health Research, National Center for Disease Control and Public Health (NCDC) of Georgia. Department for Virology, Molecular Biology and Genome Research, R. G. Lugar Center for Public Health Research, National Center for Disease Control and Public Health (NCDC) of Georgia. EPI_ISL_754180 Salome Javashvili et al Department for Virology, Molecular Biology and Genome Research, R G. Lugar Center for Public Health Research, National Center for Disease Control and Public Health (NCDC) of Georgia. Department for Virology, Molecular Biology and Genome Research, R. G. Lugar Center for Public Health Research, National Center for Disease Control and Public Health (NCDC) of Georgia. EPI_ISL_477169 Tata Impadze et al EPI_ISL_632935 Department of Acute Infectious Diseases Control and Prevention, Yunnan Provincial Center for Disease Control and Prevention Department of Acute Infectious Diseases Control and Prevention, Yunnan Provincial Center for Disease Control and Prevention EPI_ISL_632934 Department of Acute Infectious Diseases Control and Prevention, Yunnan Provincial Center for Disease Control and Prevention EPI_ISL_515088; EPI_ISL_515109; EPI_ISL_515105; EPI_ISL_515098; EPI_ISL_515098; EPI_ISL_515093; EPI_ISL_515093; EPI_ISL_515093; EPI_ISL_515103; EPI_ISL_515107; EPI_ISL_5151111; EPI_ISL_515097; EPI_ISL_515093; EPI_ISL_515092; EPI_ISL_515093; EPI_ISL_51509 Department of Biochemistry, Cell and Molecular Biology WACCBIP. University of Ghana ET | ISL 44717.1 ET | ISL 678141 S.EP | ISL 448145 ET | ISL 44 Department of Clinical Microbiology GIGA Medical Genomics Keith Durkin et al A EPI ISL 418627; EPI ISL 424653; EPI ISL 427371 Department of Clinical Microbiology GIGA Medical Genomics Keith Durkin et al B (https://dx.doi.org/10.1101/2020.05.05.078758) Department of Clinical Microbiology, Copenhagen University Hospital, Hvidovre, Kettegaard Alle 30, 2650 Hvidovre. Allborg University, Denmark EPI_ISL_452035 Department of Clinical Pathology, Pamela Youde Nethersole Eastern Department of Health Technology and Informatics, Faculty of Health and Social Science, The Hong Kong Polytechnic University Kenneth Siu-Sing LEUNG et al (https://dx.doi.org/10.1101/2020. 03.30.20045740) EPI_ISL_419224; EPI_ISL_419228; EPI_ISL_419227 Kenneth Siu-Sing LEUNG et al (https://dx.doi.org/10.1101/2020. 03.30.20045740) EPI_ISL_419242 Department of Clinical Pathology, Tuen Mun Hospital Department of Health Technology and Informatics, Faculty of Health and Social Science, The Hong Kong Polytechnic University Kenneth Siu-Sing LEUNG et al (https://dx.doi.org/10.1101/2020. 03.30.200457401 Department of Clinical Pathology, Tuen Mun Hospital, 23 Tsing Chung
Koon Road, Tuen Mun. N.T.

Department of Health Technology and Informatics, Faculty of Health and Social Science, The Hong Kong Polytechnic University Department of Emerging Infectious Diseases, Institute of Tropical Medicine, Nagasaki University

Department of Emerging Infectious Diseases, Institute of Tropical Medicine, Nagasaki University EPI_ISL_481259; EPI_ISL_481261; EPI_ISL_481255 Department of Experimental Modeling and Pathogenesis of Infectious

WHO National Influenza Centre Russian Federation Andrey Komissarov et al A EPI_ISL_610164, EPI_ISL_610172; EPI_ISL_610202; EPI_ISL_610202; EPI_ISL_610197; EPI_ISL_610216; EPI_ISL_610193; EPI_ISL_610223; EPI_ISL_610203; EPI_ISL_610203; EPI_ISL_610224; EPI_ISL_610225; EPI_ISL_610225; EPI_ISL_610217; EPI_ISL_610217; EPI_ISL_610203; EPI_ISL_610217; EPI_ISL_610203; EPI_ISL_610217; EPI_ISL_610203; EPI_ISL_610217; EPI_ISL_610203; EPI_ISL_610203 Department of Health Technology and Informatics, The Hong Kong Polytechnic University Polytechnic University Polytechnic University Department of Healthcare Biotechnology, National University of Sciences and Technology (NUST)

Department of Healthcare Biotechnology, National University of Sciences and Technology (NUST) EPI_ISL_417444 Javed et al (http://biorxiv.org/lookup/doi/10.1101/2020.04.01.019463) Department of Infection Prevention and Infectious Diseases, University
Hospital Regensburg
Hospital Regensburg EPI_ISL_522407; EPI_ISL_522408 EPI ISL 513307; EPI ISL 513303; EPI ISL 513302; EPI ISL 513304; EPI ISL 513299; EPI ISL 513306; EPI ISL 513305; EPI ISL 513298; EPI ISL 513300; EPI ISL 513300; EPI ISL 513000; EPI ISL 513000 Department of Infection Prevention and Infectious Diseases, University

University Hospital Regensburg Fritsch et al Department of Infectious Disease Prevention and Control, Henan Provincial Center for Disease Control and Prevention Department of Infectious Disease Prevention and Control, Henan Provincial Center for Disease Control and Prevention Provincial Center for Disease Control and Prevention EP | St. 56995; EP | St. 56994; EP | St. 63700; EP | St. 63700; EP | St. 63700; EP | St. 63700; EP | St. 63701; EP | St. 63701; EP | St. 63707; EP | St. 63707; EP | St. 63707; EP | St. 63970; EP | St. 63970; EP | St. 63970; EP | St. 63707; EP | St. 63707 Department of Infectious Diseases and Immunology, National Hospital
Organization Nagoya Medical Center
Clinical Research Center, National Hospital Organization Nagoya Medical Center Department of Infectious Diseases, Istituto Superiore di Sanità, Roma , Army Medical and Veterinary Research Center EPI ISL 457749 Panla Stefanelli et al R Department of Infectious Diseases, Istituto Superiore di Sanità, Roma , Virology Laboratory, Scientific Department, Army Medical Center Paola Stefanelli et al A (https://dx.doi.org/10.2807/1560-7917.ES. 2020.25.13.2000305) EPI_ISL_412973 Paola Stefanelli et al A (https://dx.doi.org/10.2807/1560-7917.ES. 2020.25.13.2000305) Department of Infectious Diseases, Istituto Superiore di Sanità, Rome,
Italy
Virology Laboratory, Scientific Department, Army Medical Center EPI ISL 412974 EPI_ISL_644940; EPI_ISL_64490; EPI_I Department of Infectious Diseases, Keio University School of Medicine, Center for Medical Genetics, Keio University School of Medicine, Tokyo, Japan Tokyo, Japan Kenjiro Kosaki et al A EPI ISL 479868; EPI ISL 480100; EPI ISL 480092 Department of Infectious Diseases, Kobe Institute of Health Pathogen Genomics Center, National Institute of Infectious Diseases

Department of Infectious and Tropical Diseases, Bichat Claude Bernard Hospital, Paris Olivier Terrier et al (https://dx.doi.org/10.2807/1560-7917.ES. 2020.25.13.2000305) EPI ISL 411219; EPI ISL 411220; EPI ISL 411218 Laboratoire Virpath, CIRI U111, UCBL1, INSERM, CNRS, ENS Lyon Department of Infectious and Tropical Diseases, Bichat Claude Remard Hosnital Paris National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris EPI_ISL_406597; EPI_ISL_406596; EPI_ISL_408430 Department of Infectious and Tropical Diseases, Bichat Claude Bernard Hospital, Paris Mélanie Albert et al B (https://dx.doi.org/10.2807/1560-7917.ES. 2020.25.13.2000305) EPI ISL 410720; EPI ISL 410984 National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris EPI ISL 413019 Department of Internal Medicine. Triemli Hospital Institute of Medical Virology, University of Zurich Stefan Schmutz et al A Stefan Schmutz et al C (https://virological.org/t/phytodynamic-analyses based-on-11-genomes-from-the-italian-outbreak/426) EPI ISL 413020 Department of Internal Medicine. Triemli Hospital Institute of Medical Virology, University of Zurich EPI ISL 477180 Department of Laboratory Medicine Tan Tock Seng Hospital Department of Laboratory Medicine Tan Tock Seng Hospital Chen YYC et al Department of Laboratory Medicine, National Taiwan University Hospital EPI_ISL_408489; EPI_ISL_463007; EPI_ISL_447621; EPI_ISL_447627; EPI_ISL_447627; EPI_ISL_440547; EPI_ISL_40547; EPI_ISL_53306; EPI_ISL_693306; EPI_ISL_693306; EPI_ISL_534336; EPI_ISL_534336; EPI_ISL_534336; EPI_ISL_693306; EPI_ISL_693306; EPI_ISL_534366; EPI_ISL_534666; EPI_ISL_534666; EPI_ISL_534666; EPI_ISL_534666; EPI_ISL_534666; EPI_ISL_534666; EPI_ISL_534666; Microbial Genomics Core Lab, National Taiwan University Centers of Genomic and Precision Medicine Department of Laboratory Medicine, National Taiwan University Hospital Shiou-Hwei Yeh et al B (http://biorxiv.org/lookup/doi/10.1101/2020. 04.01.019463) Microbial Genomics Core Lab. National Taiwan University Centers of Genomic and Precision Medicine EP | SL_50405; EP| SL_64604; EP| SL_64607; EP| SL_64807; EP| SL_648100; EP| SL_648100; EP| SL_648100; EP| SL_64809; EP| SL_64609; EP| SL_64879; EP| SL_64874; EP| SL_64606; EP| SL_64878; EP| SL_64878 Chen YYC et al EPI_ISL_477170 Department of Laboratory, Medicine Tan Tock Seng Hospital Department of Laboratory Medicine Tan Tock Seng Hospital Chen YYC et al EPI_ISL_710483; EPI_ISL_710484 Department of Medical Laboratory Sciences, Arab American University Department of Medical Laboratory Sciences, Arab American University Al-Jawabreh et al Department of Medical Microbiology - section Molde, Molde Hospital Norwegian Institute of Public Health, Department of Virology EPI_ISL_591012 Kathrine Stene-Johansen et al EPI_ISL_708144; EPI_ISL_708106; EPI_ISL_635126; EPI_ISL_635135; EPI_ISL_635135; EPI_ISL_591014; EPI_ISL_635096; EPI_ISL_759970; EPI_ISL_759971; EPI_ISL_759971; EPI_ISL_668420; EPI_ISL_708142; EPI_ISL_635165; EPI_ISL_635165 Norwegian Institute of Public Health, Department of Virology Kathrine Stene-Johansen et al Department of Medical Microbiology, St. Olavs hospital EPI ISL 501220; EPI ISL 501181; EPI ISL 501221; EPI ISL 501223; EPI ISL 501179; EPI ISL 501226; EPI ISL 501228; EPI ISL 501200 Department of Medical Microbiology, University Malaya Medical Centre Department of Medical Microbiology, Faculty of Medicine, University of Malaya Yoong Min CHONG et al Department of Medical Microbiology, Western Sussex Hospitals NHS Foundation Trust, SR Richard's Hospital Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium EPI ISL 492886; EPI ISL 492910 Manasa Mutingwende et al EPI_ISL_512844 DMR_Myanmar Myat Htut Nyunt et al Nikha Trivedi et al (https://www.biorxiv.org/content/10.1101/2020. 07.10.197095v1) EPI_ISL_476869 Department of MicroBiology, Government Medical College, Surat EPI_ISL_495077 Department of MicroBiology, Government Medical College, Surat Gujarat Biotechnology Research Centre Raghawendra Kumar et al Nitin Savaliya et al (https://www.biorxiv.org/content/10.1101/2020. 07.10.197095v1) EPI IS., 497787, FPI IS., 497787, FPI IS., 497782, FPI IS., 497782, FPI IS., 497784, EPI IS., 497784, EPI IS., 497784, EPI IS., 49784, EPI IS. Department of Microbiology, The University of Hong Kong Kelvin K.W. To et al Department of Microbiology, Yokohama City University School of Medicine EPI ISL 693299 Department of Microbiology, Yokohama City University School of Medicine Department of Molecular Virology, Cyprus Institute of Neurology and Genetics

Department of Molecular Virology, Cyprus Institute of Neurology and Genetics EPI ISL 463742; EPI ISL 463744; EPI ISL 463743; EPI ISL 463741; EPI ISL 463748; EPI ISL 463746; EPI ISL 463745; EPI ISL 463747 Jan Richter et al Department of Pathology, School of Medicine, Imam Khomeini Hospital, Tehran University of Medical Sciences EPI_ISL_598451; EPI_ISL_594185; EPI_ISL_594188; EPI_ISL_594186; EPI_ISL_594187; EPI_ISL_596452; EPI_ISL_596455 Department of Pathology, School of Medicine, Imam Khomeini Hospital, Tehran University of Medical Sciences EPI ISL 582033 Genetics Research Center. University Of Social Welfare And Rehabilitation Sciences Kenneth Siu-Sing LEUNG et al (https://dx.doi.org/10.1101/2020. 03.30.20045740) EPI_ISL_417185; EPI_ISL_417180 Department of Health Technology and Informatics, Faculty of Health and Social Science, The Hong Kong Polytechnic University Luke W Meredith et al A (https://dx.doi.org/10.1016/S1473-3099(20) 30562-4) EPI_ISL_425358; EPI_ISL_433689 Department of Pathology, University of Cambridge COVID-19 Genomics UK (COG-UK) Consortium ${\sf EPI_ISL_441710; EPI_ISL_441592; EPI_ISL_440543; EPI_ISL_440535; EPI_ISL_443432; EPI_ISL_440823; EPI_ISL_438301; EPI_ISL_441592; EPI_ISL_440543; EPI_ISL_440545; EPI_ISL_440555; EPI_ISL_4$ Department of Pathology, University of Cambridge Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium Department of Respiratory & Other Viral Infections of L.V.
Gromasthevsky Institute of Epidemiology & Infectious Diseases NAMS

Alla Minnenko et al.

Alla Minnenko et al.

Alla Minnenko et al. EPI_ISL_576147; EPI_ISL_576146; EPI_ISL_576149; EPI_ISL_576148 Department of Respiratory and other Viral Infections of L.V.
Gromathevisky Institute of Epidemiology & Infectious Diseases NAMS
of Issuers. (SC "Farmat"

Alia Minonenko et al of Issuers. EPI_ISL_582509 Department of Respiratory and other Viral Infections of L.V.
Gromathersky institute of Epidemiology & Infectious Diseases NAMS
of Utraine, SC Famula*

Alla Minorenso et al
of Utraine EPI ISL 582510 Department of Respiratory and other Viral Infections of LV.
Gromashevsky Institute of Epidemiology & Infectious Diseases NAMS

Alla Minoneriko et all of Utraine EPI_ISL_654818; EPI_ISL_582512; EPI_ISL_582511; EPI_ISL_582513; EPI_ISL_654820; EPI_ISL_654819 EPI_ISL_732949; EPI_ISL_732948; EPI_ISL_732950; EPI_ISL_732951; EPI_ISL_732954; EPI_ISL_732955; EPI_ISL_732959; EPI_ISL_732955; EPI_ISL_732956; EPI_ISL_732956 Department of Tropical Parasitology Laboratory of Recombinant Vaccines Lukasz Rabalski et al EPI ISL 450199; EPI ISL 450203; EPI ISL 450204; EPI ISL 450208; EPI ISL 450207; EPI ISL 450198; EPI ISL 450209; EPI ISL 450209 Department of Virology Department of Virology Boehmer et al EPI ISL 407084 Department of Virology III. National Institute of Infectious Diseases Pathogen Genomics Center, National Institute of Infectious Diseases Tsuvoshi Sekizuka et al A EP (S. 41814): EP (S. 418406; EP) (S. 418406; EP) (S. 418406; EP) (S. 75007; EP) (S. 75007; EP) (S. 75004; EP) (S. 75010; EP) Department of Virology and Immunology, University of Helsinki and Helsinki University Mospital, Hustab Finland

Department of Virology, Faculty of Medicine, University of Helsinki, Helsinki, Finland Teemu Smura et al A EPI ISL 757285; EPI ISL 757286 Department of Virology, Public Health Laboratories Division Department of Virology, Public Health Laboratories Division Massab Umair et al Department of Virology, Public Health Laboratories Division, National Institute of Health Laboratories Division Divisio EPI_ISL_468163; EPI_ISL_468161 EP IS. 688005; EPI IS. 670220; EPI IS. 670220; EPI IS. 670220; EPI IS. 670220; EPI IS. 744191; EPI IS. 744191; EPI IS. 688500; EPI IS. 670807; EPI IS. 74808; EPI IS. 748095; EPI IS. 74009; EPI IS. 74000; EPI IS. 711419; EPI IS. 740229; EPI IS. 74020; EPI IS. 74000; EPI IS. 74 Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark

Albertsen Lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Danish Covid-19 Genome Consortium et al Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Copenhagen, Denmark, Artillerivej 5, 2300 Copenhagen S Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark EPI ISL 429440; EPI ISL 429409; EPI ISL 429516; EPI ISL 437657; EPI ISL 429376; EPI ISL 429376; EPI ISL 444818; EPI ISL 429431; EPI ISL 437013; EPI ISL 437633; EPI ISL 438979; EPI ISL 437647642; Rasmus Kirkegaard et al EP 182, 619000 EP 182, 619000 EP 183, 619000 EP 183 Department of Virus and Microbiological Special Diagnostics, Statens Serum Institut, Denmark

Albertsen lab, Department of Chemistry and Bioscience, Aalborg University, Denmark Danish Covid-19 Genome Consortia et al Department of Virus and Microbiological Special diagnostics, Statens Statens Serum Institute Serum Institute EPI ISL 416142: EPI ISL 416140 Morten Rasmussen et al Department of Virus and Microbiological Special diagnostics, Statens ViFU Serum Institut, Copenhagen, Denmark. Dept. of Medical Microbiology, Stavanger University Hospital, Helse
Stavanger HF
Norwegian Institute of Public Health, Department of Virology EPI ISL 635166; EPI ISL 708134; EPI ISL 759988; EPI ISL 708135; EPI ISL 708131 Kathrine Stene-Johansen et al Dept. of Medical Microbiology, Stavanger University Hospital, Helse Stavanger HF, Norwegian Institute of Public Health, Department of Virology Kathrine Stene-Johansen et al EPIS, 686036, EPIS, 686001; EPIS, 686001; EPIS, 686056; EPIS, 686056; EPIS, 686001; EP Dept. of Microbiology and Infection Control, Akershus University
Hospital HF

Dept. of Microbiology and Infection Control, Akershus University Hospital HF Hege Vangstein Aamot et al EPI ISL 410531 Dept. of Pathology. National Institute of Infectious Diseases Pathogen Genomics Center, National Institute of Infectious Diseases Tsuvoshi Sekizuka et al A Tsuyoshi Sekizuka et al B (https://dx.doi.org/10.2807/1560-7917.ES. 2020.25.13.2000305) EPI_ISL_410532

EPI_ISL_40866; EPI_ISL_408667; EPI_ESL_408669	Dept. of Virology III, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka et al A
EP. IS. 40905	Dept. of Virology III, National Institute of Infectious Diseases	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka et al B (https://dx.doi.org/10.2807/1560-7917.ES. 2020.25.13.2000305)
	Devki Devi Foundation, a unit of Max Healthcare	CSIR-IGIB/Max	2020.25.13.2000305) Rajesh Pandey# et al
	Diagnostic- and Research Institute of Pathology, Medical University of	f Diagnostic- and Research Institute of Pathology, Medical University of Graz	Karl Kashofer et al (https://www.biorxiv.org/content/10.1101/2020.
EPI (St. 763075, EPI (St. 763074	Graz Diagnosticos da America - DASA	Instituto Adolfo Lutz, Interdiciplinary Procedures Center, Strategic Laboratory	07.15.204339v1) Claudio Tavares Sacchi et al B
ET_1810071_ET_18100114	Diagnosticos da América - DASA	Instituto de Medicina Tropical Universidade de São Paulo	Brazil-UK Centre for Arbovirus Discovery Diagnosis Genomics et al
E) IS, \$2875.3	Dinkes Kota Bogor	School of Life Sciences and Technology & School of Pharmacy-Institut Teknologi Bandung; Molecular Genetics Laboratory-	Azzania Fibriani et al
	· · · · · · · · · · · · · · · · · · ·	Faculty of Medicine-Universitas Padjadjaran; Laboratorium Kesehatan Provinsi Jawa Barat School of Life Sciences and Technology & School of Pharmany Inelity Teknologi Bandung: Molecular Canadics Laboratory.	
EPI_ISL_528748	Dinkes Provinsi Jawa Barat	School of Life Sciences and Technology & School of Pharmacy-Institut Teknologi Bandung; Molecular Genetics Laboratory- Faculty of Medicine-Universitas Padjadjaran; Laboratorium Kesehatan Provinsi Jawa Barat	Azzania Fibriani et al
EPI_ISL_467374	Dinkes Samarinda	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Edison Johar et al
EPI_ISL_991229, EPI_ISL_991330, EPI_ISL_991334, EPI_ISL_991338	Dipartimento di Biotecnologie Mediche, University of Siena	Dipartimento di Biotecnologie Mediche, University of Siena	Cusi et al
EPI_ISL_722896; EPI_ISL_722872; EPI_ISL_722858; EPI_ISL_722856; EPI_ISL_722857; EPI_ISL_722855	Dipartimento di Scienze Biomediche e Oncologia Umana - Azienda Ospedaliero Universitaria Consorziale Policlinico	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Parisi A. et al
EPI, S., 760127; EPI, SS, 760126; EPI, SL, 747127; EPI, SL, 74744; EPI, SL, 74744; EPI, SL, 74742; EPI, SL, 74742; EPI, SL, 74742; EPI, SL, 74743; EPI, SL, 74	Division of Emerging Infectious Diseases, Bureau of Infectious Diseases Diagnosis Control, Korea Disease Control and Prevention Agency	Division of Emerging Infectious Diseases, Bureau of Infectious Diseases Diagnosis Control, Korea Disease Control and Prevention Agency	Ae Kyung Park et al
EPI_ISL_738141; EPI_ISL_738109; EPI_ISL_738142	Division of Emerging Infectious Diseases, Bureau of Infectious Diseases Disgnosis Control, Korea Disease Control and Prevention Agency	Division of Emerging Infectious Diseases, Bureau of Infectious Diseases Diagnosis Control, Korea Disease Control and Prevention Agency	Jeong-Min Kim et al A
EPL/SL_508222; EPL/SL_508867	Division of Infectious Diseases and Hospital Epidemiology, University Hospital Zürich	Institute of Medical Virology, University of Zurich	Maryam Zaheri et al
EPI_ISL_413024; EPI_ISL_413022	Division of Infectious Diseases, University Hospital Zurich	Institute of Medical Virology, University of Zurich	Stefan Schmutz et al B (https://dx.doi.org/10.1002/jmv.25773)
EP S., 447962 EP S., 45716 EP S., 479762 EP S., 479762 EP S., 47271 EP S., 47270 EP S., 47070 EP S., 574002 EP S., 574002 EP S., 522400 EP S., 522500 EP S., 522500 EP S., 42511 EP S., 42511 EP S., 426146 EP S., 47616 EP S.,	Division of Viral Diseases, Center for Laboratory Control of Infectious Diseases, Korea Centers for Diseases Control and Prevention	Division of Viral Diseases, Center for Laboratory Control of Infectious Diseases, Korea Centers for Diseases Control and Prevention	Jeong-Min Kim et al A
EPI_JSL_412869	Division of Viral Diseases, Center for Laboratory Control of Infectious Diseases, Korea Centers for Diseases Control and Prevention	Division of Viral Diseases, Center for Laboratory Control of Infectious Diseases, Korea Centers for Diseases Control and Prevention	Jeong-Min Kim et al B (https://dx.doi.org/10.2807/1560-7917.ES. 2020.25.13.2000305)
EPI_ISL_72209	Dom Zdravlja Sarajevo	Alea Genetic Center	Salihefendic L. et al
EPI_ISL_700617, EPI_ISL_700682; EPI_ISL_700682	Dr Abdurahman CDC we DAC	NHLSUCT	Arash Iranzadeh et al
EPI_ISL_745139, EPI_ISL_745138	Dr Van Niekerk Hospital	National Health Laboratory Service (NHLS), Tygerberg	Susan Engelbrecht et al
EPI_ISL_479627	Dr. Georges-LDumont University Hospital Centre	National Microbiology Laboratory	Anna Majer et al
EPI_ISL_563763; EPI_ISL_563739; EPI_ISL_563740; EPI_ISL_563747; EPI_ISL_563447; EPI_ISL_563448; EPI_ISL_563764	Dr. Gernot Walder GmbH	Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Alexandra Popa et al A
EPI ISL 528752	Dr. H. A. Rotinsulu Lung Hospital	School of Pharmacy & School of Life Sciences and Technology - Institut Teknologi Bandung; Molecular Genetics Laboratory- Faculty of Medicine-Universitas Padjadjaran; Laboratorium Kesehatan Provinsi Jawa Barat	Catur Riani et al
EP 18. 45101: FP 18. 103086 EP 18. 272746 EP 18. 57701: FP 18. 772045 EP 18. 772047 EP 18. 272705 EP 18. 272704 EP 18. 327046 EP	Dutch COVID-19 response team	Erasmus Medical Center	Bas Oude Munnink et al
EPLISL_414428; EPLISL_414429; EPLISL_415498; EPLISL_415497; EPLISL_415498; EPLISL_415498; EPLISL_415495; EPLISL	Dutch COVID-19 response team	Erasmus Medical Center	David Nieuwenhuijse et al A (https://dx.doi.org/10.1038/s41591-020- 0997-y)
EP S. 414426; EP S. 414426; EP S. 415496; EP S. 415496; EP S. 415496; EP S. 415496; EP S. 415515; EP S. 415505; EP S. 415496; EP S. 415496; EP S. 45742; EP S. 547446;	Dutch COVID-19 response team Dutch COVID-19 response team	Erasmus Medical Center National Institute for Public Health and the Environment (RIVM)	David Nieuwenhuijse et al A (https://dx.doi.org/10.1038/s41591-020- 0997-y) Adam Meijer et al
EP S. 414426; EP S. 414426; EP S. 415496; EP S. 415496; EP S. 415496; EP S. 415496; EP S. 415515; EP S. 415505; EP S. 415496; EP S. 415496; EP S. 45742; EP S. 547446;			0997-y)
EPLISL_414428; EPLISL_414429; EPLISL_415498; EPLISL_415497; EPLISL_415498; EPLISL_415498; EPLISL_415495; EPLISL	Dutch COVID-19 response team	National Institute for Public Health and the Environment (RIVM)	0997-y) Adam Meijer et al
EP S., 41440; EP S., 4140; EP S.	Dutch COVID-19 response team E. Gulbja Laboratorija	National Institute for Public Health and the Environment (RIVM) Latvian Biomedical Research and Study Centre	0997-y) Adam Mejer et al Ivars Sitamilyelis et al
EP S., 44440; EP S., 44440; EP S., 44440; EP S., 44540; EP S., 44540	Dutch COVID-19 response team E. Gulbja Laboratorija E. Gulbja laboratorija	National Institute for Public Health and the Environment (RIVM) Labrian Biomedical Research and Study Centre Latvian Biomedical Research and Study Centre	0997-y) Adam Mejer et al Ivars Silamiyelis et al Ivars Silamiyelis et al
EP S., 41440; EP S., 41460; EP S., 41460	Dutch COVID-19 response team E. Gulbja Labonstorija E. Gulbja labonstorija EBAIS Concepción Norte	National Institute for Public Health and the Environment (RIVM) Lahvian Biomedical Research and Study Centre Lahvian Biomedical Research and Study Centre Inciensa, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	G997-y) Adam Meijer et al Ivars Silamiţelis et al Ivars Silamiţelis et al Duarte et al
EP S., 41440; EP S., 41440; EP S., 41440; EP S., 41440; EP S., 41460; EP S., 41460	Dutch COVID-19 response team E. Gulbja Laboratorija E. Gulbja laboratorija EBAIS Concepción Norte ESI Hospital	National Institute for Public Health and the Environment (RIVM) Lahvian Biomedical Research and Study Centre Lahvian Biomedical Research and Study Centre Inciensa, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud CSIR-Centre for Celular and Midrecular Biology	0067-y) Adam Meijer et al Ivars Silamikelis et al Ivars Silamikelis et al Duatre et al Dr.V.Sudha Rani et al
EP S., 414405, EP S., 414405, EP S., 414405, EP S., 415405, EP S	Dutch COVID-19 response feam E. Gulbja Laboratorija E. Gulbja laboratorija EBAIS Concepción Norte ESI Hospital Eastern Ontario Regional Laboratory Association	National Institute for Public Health and the Environment (RIVM) Latvian Biomedical Research and Study Centre Latvian Biomedical Research and Study Centre Incinense, Instituto Costaminieme de Investigación y Enseñanza en Nutrición y Satud CSIR-Centre for Cellular and Midecular Biology McMaster University	0007-y) Adam Meijer et al Ivars Silamiljedis et al Ivars Silamiljedis et al Drusare et al Dr. V. Sudha Rani et al Leanne Mortimer et al
EP S., 41440; EP S., 4140; EP S., 4	Dutch COVID-19 response learn E. Gulbja Laboratorija E. Gulbja laboratorija EBAIS Concepción Norte ESI Hospital Eastern Ontario Regional Laboratory Association Edameni Clinic	National Institute for Public Health and the Environment (RIVM) Latvian Biomedical Research and Study Centre Latvian Biomedical Research and Study Centre Latvian Biomedical Research and Study Centre Inciensa, Instituto Containricense de Investigación y Enseñanca en Nutrición y Satud CSIR-Centre for Cellular and Midecular Biology McMaster University National Health Laboratory Service (NHLS), Tygerberg	Adam Mejer et al Ivars Silamikelis et al Ivars Silamikelis et al Ivars Silamikelis et al Dr. V. Sudha Rani et al Leanne Mortimer et al Suaan Engebrecht et al
EP S., 41440; EP S., 44440; EP S., 41440; EP S., 41440	Dutch COVID-19 response team E. Gulbja Laborstorija E. Gulbja laborstorija E.BAIS Concepción Norte ESI Vospital Eastern Onterio Regional Laborstory Association Edamers Clinic Egyptian National Cancer Institute (ENCI)	National Institute for Public Health and the Environment (RIVM) Latvian Biomedical Research and Study Centre Latvian Biomedical Research and Study Centre Inciensa, Instituto Costanticense de Investigación y Enseñanca en Nutrición y Salud CSRI R-Centre for Cellutar and Midercular Biology McMatter University National Health Laboratory Service (NHLS), Tygerberg Egyptian National Cancer Institute (ENCI)	Adam Mejer et al Ivars Sitamiljedis et al Ivars Sitamiljedis et al Duarte et al Duarte et al Leanne Mortimer et al Susan Engelsrecht et al Zekri et al
EP S., 44462, EP S., 44462, EP S., 44462, EP S., 44562, EP S., 44562	Dutch COVID-19 response team E. Gulbja Labonstorija E. Gulbja labonstorija EBAIS Concepción Norte ESI Hospital Eastern Ontario Regional Labonstory Association Edament Clinic Egyptian National Cancer Institute (ENC1) Egyptian National Cancer Institute (ENC1)	National Institute for Public Health and the Environment (RIVM) Lahvian Biomedical Research and Study Centre Lahvian Biomedical Research and Study Centre Inciensa, Instituto Costamicense de Investigación y Eriseñanza en Nutrición y Satud CSIR Centre for Cellular and Midecular Biology McMaster University National Health Laboratory Service (NHLS), Tygerberg Egyptian National Camer Institute (ENCI) Human Genome Center	Adam Meijer et al Ivars Silamiţeris et al Ivars Silamiţeris et al Duarte et al Dr. V Sudha Rani et al Leanne Mortimer et al Susan Engelbrecht et al Zekri et al Zekri et al
EP S., 414405, EP S., 414406, EP S	Dutch COVID-19 response team E. Gulbja Laborstorija E. Gulbja laborstorija E. Gulbja laborstorija EBAIS Concepción Norte ESI Hospital Eastern Onterio Regional Laborstory Association Edmanni Clinic Egoptian National Cancer Institute (ENCI) Egoptian National Cancer Institute (ENCI) Ektorpa Varidcentral	National Institute for Public Health and the Environment (RIVM) Lahvian Biomedical Research and Study Centre Latvian Biomedical Research and Study Centre Inciensa, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Satud CSIR-Centre for Cellular and Molrecular Biology Moditater University National Health Laboratory Service (NHLS), Tygerbeng Egyptian National Camoer Institute (ENCI) Human Genome Center The Public Health Agency of Sweden	Adam Mejer et al Ivars Silamilyelis et al Ivars Silamilyelis et al Duratre et al Dr.V. Sudha Rari et al Leanor Motimer et al Susan Engelbrecht et al Zekri et al Zekri et al Department of Microbiology et al
EP S., 414405, EP S., 414405, EP S., 414405, EP S., 415405, EP S	Dutch COVID-19 response team E. Gulbja Laboratorija E. Gulbja Laboratorija E.BaltS Concepción Norte ESI Hospital Eastern Onterio Regional Laboratory Association Edamers Clinic Egyptian National Cancer Institute (ENCI) Egyptian National Cancer Institute (ENCI) Ektorps Vardcentral Elsies River CHC wc ERP	National Institute for Public Health and the Environment (RIVM) Latvian Biomedical Research and Study Centre Latvian Biomedical Research and Study Centre Inciensa, Instituto Costarricorea de Investigación y Enseñanza en Nutrición y Satud CSIR Centre for Cellular and Midecular Biology Midataler University National Health Laboratory Service (NHLS), Tygerberg Egyptian National Cancer Institute (ENCI) Hurran Geronor Center The Public Health Agency of Sweden National Health Laboratory Service (NHLS), Tygerberg	Adam Meyer et al Ivars Silamilyeris et al Ivars Silamilyeris et al Durstre et al Dr.V.Sudha Rarsi et al Leanne Mortimer et al Susan Engelbrecht et al Zekti et al Department of Microbiology et al Susan Engelbrecht et al
EP S., 414405, EP S., 414405, EP S., 414405, EP S., 415405, EP S	Dutch COVID-19 response feam E. Gulbja Laboratorija E. Gulbja Laboratorija EBAIS Concepción Norte ESI Hospital Eastern Ontario Regional Laboratory Association Edamers Clinic Egyptian National Cancer Institute (ENC1) Egyptian National Cancer (restitute (ENC1) Estrops Vardcertral Elsies River CHC wc ERP Emergency County Hospital Succeiva	National Institute for Public Health and the Environment (RIVM) Latvian Biomedical Research and Study Centre Latvian Biomedical Research and Study Centre Incinense, Instituto Costaminieme de Investigación y Enseñanza en Nutrición y Satud CSIR-Centre for Cellular and Midecular Biology McMaster University National Health Laboratory Service (NHLS), Tygerbeng Egyptian National Cancer Institute (ENCI) Human Genorne Center The Public Nestalth Agency of Sweden National Health Laboratory Service (NHLS), Tygerbeng Stefan cel Mare, University Metagenomics lab	Adam Mejer et al Ivars Silamiljedis et al Ivars Silamiljedis et al Ivars Silamiljedis et al Dr V Suchha Rani et al Dr V Suchha Rani et al Leanne Mortimer et al Susan Engelbrecht et al Zekri et al Zekri et al Susan Engelbrecht et al Leanne Mortimer et of Microbiology et al Susan Engelbrecht et al Lobius Andrei et al. et al
EP S., 414405, EP S., 414405, EP S., 414405, EP S., 415405, EP S	Dutch COVID-19 response feam E. Gulbja Laboratorija E. Gulbja Laboratorija EBAIS Concepción Norte ESI Hospital Eastern Ontario Regional Laboratory Association Edamers Clinic Egyptian National Cancer Institute (ENC1) Egyptian National Cancer (restitute (ENC1) Estrops Vardcertral Elsies River CHC wc ERP Emergency County Hospital Succeiva	National Institute for Public Health and the Environment (RIVAI) Lahvan Biomedical Research and Study Centre Lahvan Biomedical Research and Study Centre Inciensa, Instituto Costamicense de Investigación y Enseñanza en Nutrición y Salud CSRI Recente for Cellular and Midecular Biology McMaster University National Health Laboratory Service (NHLS), Tygerbeng Egyptian National Cancer Institute (ENCI) Human Genomo Center The Public Health Agency of Sweden National Health Laboratory Service (NHLS), Tygerbeng Stefan cel Marc, University Metagenomics lab Stefan cel Marc, University Metagenomics lab	Adam Meijer et al Ivars Silamitjeris et al Ivars Silamitjeris et al Duchte et al Duchte et al Duchte et al Leanne Mortimer et al Zekri et al Zekri et al Zekri et al Jeanne Microbiology et al Susan Engelbrecht et al Lobiuc Andrei et al Lobiuc Andrei et al et al Lobiuc Andrei et al et al Lobiuc Andrei et al et al
EP IS, 414405, EP IS, 444405, EP IS, 414405, EP I	Dutch COVID-19 response team E. Gulbja Laborstorija E. Gulbja Laborstorija E. Gulbja laborstorija EBAIS Concepción Norte ESI Hospital Eadern Ontario Regional Laborstory Association Edameri Clinic Egoptian National Cancer Institute (ENCI) Egoptian National Cancer Institute (ENCI) Eliope Nurdcentral Eliele River CHC wc ERP Emergency County Hospital Suceava Emergency county Hospital Suceava Estidistuna	National Institute for Public Health and the Environment (RIVM) Lahvian Biomedical Research and Study Centre Lahvian Biomedical Research and Study Centre Inciensa, Instituto Costamicense de Investigación y Erisefanza en Nutrición y Satud CSRI Richerte for Cellular and Midecular Biology McMaster University McMaster University Resignation National Camer Institute (BNCI) Human Genome Center The Public Health Agency of Sweden National Health Laboratory Service (NHLS), Typerberg Stefan cel Marc, University Metagenomics lab Stefan cel Marc, University Metagenomics Lab The Public Health Agency of Sweden	Adam Meijer et al Ivars Silamikelis et al Ivars Silamikelis et al Duarte et al Dr. V Sudha Rani et al Leanne Motimer et al Susan Engelbrecht et al Zekni et al Zekni et al Department of Microbiology et al Susan Engelbrecht et al Lobuce Andrea et al et al Anna-Malin Lindie et al
EP S., 414405, EP S., 414405, EP S., 414405, EP S., 415405, EP S	Dutch COVID-19 response team E. Gulbja Laboratorija E. Gulbja Laboratorija E. Gulbja laboratorija EBAIS Concepción Norte ESI Hospital Eadern Onterio Regional Laboratory Association Edmaner Clinic Egoptian National Cancer Institute (ENCI) Egoptian National Cancer Institute (ENCI) Eliptian Rivarional Cancer Institute (ENCI) Elitera River CNC wc ERP Emergency County Hospital Suceava Emergency County Hospital Suceava Eskilstuna Evangeleisches Kürnkum Bethel, Institut für Laboratoriumsmedzin, Mivrobiologie und Hygiene	National Institute for Public Health and the Environment (RIVM) Lahvian Biomedical Research and Study Centre Lahvian Biomedical Research and Study Centre Lahvian Biomedical Research and Study Centre Inciensa, Instituto Costarricoreae de Investigación y Enseñanza en Nutrición y Satud CSIR Centre for Cellular and Molecular Biology Moditaler University National Health Laboratory Service (NHLS), Tygerberg Egyptian National Cancer Institute (ENCI) Human Genome Center The Public Health Agency of Sueden National Health Laboratory Service (NHLS), Tygerberg Stefan cell Mare - University Metagenomics lab Stefan cell Mare - University Metagenomics Lab The Public Iestalth Agency of Sueden Bielefield University Agiomix	Adam Mejer et al Ivars Silamilyelis et al Ivars Silamilyelis et al Duratre et al Dr.V. Sudha Rani et al Dr.V. Sudha Rani et al Leanor Motimer et al Susan Engelbrecht et al Zekri et al Department of Microbiology et al Susan Engelbrecht et al Lobiou Andrea et al et al Lobiou Andrea et al et al Anna-Malin Linde et al David Brandt et al
EP S., 41440; EP S., 41440	E. Gulbja Laboratorija E. Gulbja Laboratorija E. Gulbja Laboratorija E. Gulbja laboratorija E.BAIS Concepción Norte ESI Hospital Eadern Ontario Regional Laboratory Association Edamers Clinic Egoptian National Cancer Institute (ENCI) Egoptian National Cancer Institute (ENCI) Egoptian National Cancer Institute (ENCI) Elites River CHC wc ERP Emergency County Hospital Suceava Emergency County Hospital Suceava Esikistuna Esikistuna Esikistuna Esikistuna Esikistuna Esikistuna Esikistuna Esikistuna	National Institute for Public Health and the Environment (RIVM) Lahvian Biomedical Research and Study Centre Lahvian Biomedical Research and Study Centre Lahvian Biomedical Research and Study Centre Inciensa, Instituto Costarricoreae de Investigación y Enseñanza en Nutrición y Satud CSIR Centre for Cellular and Molecular Biology Moditaler University National Health Laboratory Service (NHLS), Tygerberg Egyptian National Cancer Institute (ENCI) Human Genome Center The Public Health Agency of Sueden National Health Laboratory Service (NHLS), Tygerberg Stefan cell Mare - University Metagenomics lab Stefan cell Mare - University Metagenomics Lab The Public Iestalth Agency of Sueden Bielefield University Agiomix	Adam Mejer et al Ivars Silamiljedis et al Ivars Silamiljedis et al Duratre et al Dr.V. Sudha Rani et al Dr.V. Sudha Rani et al Leanon Mortimer et al Susan Engelbrecht et al Zehri et al Department of Microbiology et al Susan Engelbrecht et al Lobiuc Andrei et al, et al Lobiuc Andrei et al, et al Anna-Malin Linde et al David Brandt et al David Brandt et al Walsan Alfam et al
EP S., 414405, EP S., 414406, EP S	Dutch COVID-19 response team E. Gulbja Labonstorija E. Gulbja Labonstorija E. Gulbja labonstorija ERAIS Concepción Norte ESH Veopstal Eastern Onterio Regional Labonstory Association Edament Clinic Egyptian National Cancer Institute (ENC1) Egyptian National Cancer Institute (ENC1) Ektorps Variocentral Elsies River CHG wc ERP Emergency County Hospital Suceava Emergency county Hospital Suceava Existentian Evangelisches Künkum Behel, Institut für Laboratoriumsmedizin, Microbiologie und Hygiene Erpaco200 Emergency Center FSBS "Chumakov Federal Scientific Center for Research and Development of Immune and Biological Products of Russian Academ of Sciences" Facultad on Medicine, Al-Quds University	National Institute for Public Health and the Environment (RIVM) Lalvian Biomedical Research and Study Centre Latvian Biomedical Research and Study Centre Inciensa, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Satud CSIR-Centre for Cellular and Midrecular Biology Modisater University National Health Laboratory Service (NHLS), Tygerbeng Egyptian National Camori Enstitute (ENCI) Human Genome Center The Public Health Agency of Sweden National Health Laboratory Service (NHLS), Tygerbeng Siefan cel Mare, University Metagenomics lab Stefan cel Mare, University Metagenomics Lab The Public Health Agency of Sweden Bielefeld University Ageims:	Adam Mejer et al Ivars Silamiljedis et al Ivars Silamiljedis et al Duratre et al Dr.V. Sudha Rani et al Leanon Motimer et al Susan Engelbrecht et al Zehri et al Department of Microbiology et al Susan Engelbrecht et al Lobiuc Andrei et al, et al Lobiuc Andrei et al, et al Anna-Malin Linde et al David Brandt et al Liubov Kodiovskaya et al Liubov Kodiovskaya et al
EP S., 414405, EP S., 414405, EP S., 414405, EP S., 415405, EP S	E. Gulbja Laboratorija E. Gulbja Laboratorija E. Gulbja Laboratorija E. Gulbja Iaboratorija EBAIS Concepción Norte ESI Hospital Eadern Ontario Regional Laboratory Association Edament Clinic Egoptian National Cancer institute (ENCI) Egoptian National Cancer institute (ENCI) Egoptian National Cancer institute (ENCI) Elities River CHC wc ERP Emergency County Nospital Suceava Esidistuna Es	National Institute for Public Health and the Environment (RIVM) Lahvian Biomedical Research and Study Centre Lahvian Biomedical Research and Study Centre Lahvian Biomedical Research and Study Centre Inciensa, Instituto Costarriforese de Investigación y Enseñanza en Nutrición y Satud CSIR Centre for Cellular and Molecular Biology Modisater University National Health Laboratory Service (NHLS), Tygerberg Egyptian National Cancer institute (ENCI) Human Genome Center The Public Health Agency of Sweden National Health Laboratory Service (NHLS). Tygerberg Stefan cell Mare. University Metagenomics lab Stefan cell Mare. University Metagenomics Lab The Public Health Agency of Sweden Bielefeld University Agioma: SSBSI "Chumakov Federal Scientific Center for Research and Development of Immune and Biological Products of Russian Academy of Sectioness" à NRC "Nortatobur institute" Center for Mathematical Modeling and Center for Genome Regulation. Sartiago, Chile	Adam Mejer et al Ivars Silamilyeris et al Ivars Silamilyeris et al Dustre et al Dr.V Sudha Rarsi et al Dr.V Sudha Rarsi et al Leanne Mortimer et al Susan Engelbrecht et al Zekri et al Department of Microbiology et al Susan Engelbrecht et al Lobus Andree et al, et al Anna-Malin Lunde et al David Brandt et al Walsan Allam et al Likbov Kostlovskaya et al Gaete A et al
EP S., 41440; EP S., 41460; EP S., 41460	Dutch COVID-19 response team E. Gulbja Labonstorija E. Gulbja Labonstorija E. Gulbja labonstorija ERAIS Concepción Norte ESH Veopstal Eastern Onterio Regional Labonstory Association Edament Clinic Egyptian National Cancer Institute (ENC1) Egyptian National Cancer Institute (ENC1) Ektorps Variocentral Elsies River CHG wc ERP Emergency County Hospital Suceava Emergency county Hospital Suceava Existentian Evangelisches Künkum Behel, Institut für Laboratoriumsmedizin, Microbiologie und Hygiene Erpaco200 Emergency Center FSBS "Chumakov Federal Scientific Center for Research and Development of Immune and Biological Products of Russian Academ of Sciences" Facultad on Medicine, Al-Quds University	National Institute for Public Health and the Environment (RIVAI) Latvian Biomedical Research and Study Centre Latvian Biomedical Research and Study Centre Inciensa, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud CSRI Recente for Cellular and Midecular Biology McMaster University McMaster University McMaster University McMaster University Response (NHLS), Tygerberg Egyptian National Cancer Institute (ENCI) Human Genome Center The Public Health Agency of Sweden National Health Laboratory Service (NHLS), Tygerberg Stefan cel Mare. University Metagenomica Lab The Public Health Agency of Sweden Biseleded University Agomix Folias "Couration Federal Scientific Center for Research and Development of Immune and Biological Products of Russian Academy of Siences* 4 NRC "Archator institute" Center for Mathematical Modeling and Center for Genome Regulation. Santiago, Chile Faculty of Medicine, Al Quids University	Adam Meijer et al Ivars Silamițeris et al Ivars Silamițeris et al Duarte et al Du-V Suchas Rani et al Leanne Mortimer et al Zestri et al Zestri et al Department of Microbiology et al Susan Engelbrecht et al Lobus Andrei et al Lobus Andrei et al Lobus Andrei et al Liboo Kodoloskaya et al Gaele A et al Gaele A et al Eregat et al
EP S., 41440; EP S., 41440	E. Gulbja Labonstorija E. Gulbja Labonstorija E. Gulbja Labonstorija E. Gulbja Iabonstorija E. Gulbja Iabonstorija E. Gulbja Iabonstorija E. Gulbja Iabonstorija E. Estaren Onterio Regional Labonstory Association Edament Olinic Egyptian National Cancer Institute (ENC1) Egyptian National Cancer Institute (ENC1) Estops Variocentral Elises River CHG wc ERP Emergency County Hospital Suceava Emergency county Hospital Suceava Estalistuna Evangelischer Kinklum Berbel, Institut für Laboratoriumsmedizin, Mikrobiologie und Hygiene Erpac2020 Emergency Center FSBS "Obumakov Federal Gesenific Center for Research and Development of Immune and Biological Products of Russian Academ of Sciences" Facultad os Medicine, Al-Quds University Federal Budget Institution of Science, State Research Center for Appleted Microbiology & Biotechnology & Biotechno	National Institute for Public Health and the Environment (RIVM) Lahvian Biomedical Research and Study Centre Lahvian Biomedical Research and Study Centre Inciensa, Instituto Costamicense de Investigación y Erisafanza en Nutrición y Salud CSIR Centre for Cellular and Midecular Biology McMaster University McMaster University Asidonal Health Laboratory Service (NHLS), Tygerbeng Egyptian National Cancer Institute (ENCI) Human Genome Center The Public Health Agency of Sweden National Health Laboratory Service (NHLS), Tygerbeng Stefan cel Mare, University Metagenomics tab Stefan cel Mare, University Metagenomics Lab The Public Health Agency of Sweden Bielefeld University Agoma. SSBSI "Chumakov Federal Scientific Center for Research and Development of Immune and Biological Products of Russian Academy of Sciences" & NRC: Nucritativ Institute Faculty of Medicine, Al-Quolis University Federal Budget Institution of Science, State Research Center for Applied Microbiology & Biotechnology	Adam Meijer et al Ivars Silamitjeriis et al Ivars Silamitjeriis et al Duartie et al Du-V Sudha Rane et al Leanne Mortimer et al Zetini et al Zetini et al Zetini et al Zetini et al Leanne Mortimer et al Susan Engebrecht et al Zetini et al Leanne Mortimer et al Zetini et al Leanne et al et al Leanne al et al Likebor Kostovskaya et al Gesele A et al Erinqui et al Dyadfor i et al
EP S., 414405, EP S., 41406, EP	E. Gulbja Laboratorija E. Ball'S Concepción Norte ESH Hospital Eadern Ontario Regional Laboratory Association Eddamen Clinic Egyptian National Cancer Institute (ENCI) Egyptian National Cancer Institute (ENCI) Ektorps Vardcentral Elisles River CHC wc ERP Emergency Countly Hospital Suceava Emergency Countly Hospital Suceava Eskilatuna Evangejachek Klinikum Bethel, Institut für Laboratoriumsmedizin, Mikrobiologicu and Hygiene Espo2002 Emergency Center FSBS' Chumator Federal Gleenflic Center for Research and Development of Immune and Biological Products of Russian Academ of Sciences' Facultad de Medicina UC Facultad Medicina UC Facultad Medicina UC Facultad Medicina UC Federal Budget Institution of Sciences, State Research Center for Applied Microbiology & Biolechnology Fields Bursan of Placis Health Laboratories	National Institute for Public Health and the Environment (RIVM) Lahvan Biomedical Research and Study Centre Latvian Biomedical Research and Study Centre Inciensa, Instituto Costanricense de Investigación y Enseñanza en Nutrición y Salud CSIR Centre for Cellular and Molecular Biology McMaster University McMaster University McMaster University Alle Laboratory Service (NH-LS), Typerbeng Egyptian National Cancer Institute (ENCI) Human Genome Center The Public Health Agency of Sweden National Health Laboratory Service (NH-LS), Typerbeng Stefan cel Marc University Metagenomics Lab Stefan cel Marc University Metagenomics Lab The Public Health Agency of Sweden Biselefeld University Agiennix SSBSI "Chumation Federal Scientific Centre for Research and Development of Immune and Biological Products of Russian Academy of Sciences" & NRC Nucleation viriability Federal Budget Institution of Science, State Research Center for Applied Microbiology & Biotechnology Florida Bureau of Public Health Laboratories	Adam Mejer et al Ivars Silamişelis et al Ivars Silamişelis et al Duarte et al Dr.V. Sudha Rani et al Leanor Mortimer et al Susan Engelbrecht et al Zekin et al Department of Microbiology et al Susan Engelbrecht et al Lobius Andree et al. et al Lobius Andree et al. et al Anna Main Linde et al David Brandt et al Likbov Kotlovskaya et al Gaete A et al Erequit et al Dysdov i et al Sarah Schmedes et al et al
EPI_BL_414460; EPI_SL_414460; EPI_SL_41460; EPI_SL_41640; EPI_SL_416400; EPI_SL_41640; EPI_SL_416400; EPI_SL_41640; EPI_SL_41640; EPI_SL_41640; EPI_SL_41640; EPI_SL_41640; EPI_SL_41640; EPI_SL_41640; EPI_SL_41640; EPI_SL_41640	E. Gulbja Laboratorija E. Ball'S Concepción Norte ESH Hospital Eadern Ontario Regional Laboratory Association Eddameri Clinic Egyptian National Cancer Institute (ENCI) Egyptian National Cancer Institute (ENCI) Eldopse Vardcentral Elsles River CHC wc ERP Emergency Countly Hospital Suceava Emergency countly Hospital Suceava Eskilatuna Evangejsches Kilnikum Belhel, Institut für Laboratoriumsmedizin, Milvolokojique und Hygiene Espo2002 Emergency Center Fasting de Medicine, An Quids University Facteral Budgel Institution of Science. State Research Center for Applied Milrotiology & Biolechnology Floridis Bureau of Public Health Laboratories Floridis Bureau of Public Health Laboratories, Florida Department of Health	National Institute for Public Health and the Environment (RIVM) Latvian Biomedical Research and Study Centre Latvian Biomedical Research and Study Centre Incisensa, Instituto Costanricense de Investigación y Enseñanza en Nutrición y Salud CSIR-Centre for Cellular and Midrecular Biology Modisarter University Bignostra National Health Laboratory Service (NHLS), Tygerbeng Egyptian National Cancer Institute (ENCI) Human Genome Center The Public Health Agency of Sweden National Health Laboratory Service (NHLS), Tygerbeng Stefan cel Mare, University Metagenomics Lab Stefan cel Mare, University Metagenomics Lab The Public Health Agency of Sweden Biserielest University Agenomic Center for Mathematical Modeling and Center for Research and Development of Immune and Biological Products of Russian Academy of Sciences* & NRC *Yorkshots visibilities* Center for Mathematical Modeling and Center for Genome Regulation. Santiago, Chile Faculty of Medicine. Al-Quest University Faculty of Medicine. Al-Quest University Forderal Budgetin Institution of Science, Staffe Research Center for Applied Microbiology & Biotechnology Florida Bureau of Public Health Laboratories. Florida Department of Health Florida Bureau of Public Health Laboratories.	Adam Mejer et al Ivars Silamilyelis et al Ivars Silamilyelis et al Duratre et al Dr.V Sudha Rani et al Leanon Mortimer et al Susan Engelbrecht et al Zehri et al Department of Microbiology et al Susan Engelbrecht et al Lobiuc Andree et al, et al Lobiuc Andree et al, et al Lobiuc Andree et al, et al Lubov Kotoloskaya et al Gaele A et al Erequit et al Gaele A et al Erequit et al Sarah Schmedes et al Sarah Schmedes et al
EPI_BL_444400; EPI_BL_444400; EPI_BL_44500; EPI_BL_45500;	E. Gulbja Laboratorija E. Bartis Concepción Norte E. Stal Hospital E. Bartis Christopa Laboratory Association E. Baylatan National Cancer Institute (ENCI) E. Byptian National Cancer Institute (ENCI) E. Byptian National Cancer Institute (ENCI) E. Berngency Courtly Nospital Suceava E. Berngency Courtly Nospital Suceava E. Emergency Courtly Nospital Suceava E. Bartistuna E. Emergency Courtly Nospital Suceava E. Bartistuna E. Exapplication of Nospital Suceava E. Bridstuna D. Bridstuna F. Bridstuna	National Institute for Public Health and the Environment (RIVM) Lalvian Biomedical Research and Study Centre Latvian Biomedical Research and Study Centre Latvian Biomedical Research and Study Centre Inciensa, Instituto Costarricense de Investigación y Enserhanza en Nutrición y Satud CSIR Centre for Cellular and Molecular Biology Modisater Universally National Health Laboratory Service (NHLS), Tygerberg Egyptian National Cancer Institute (ENCI) Human Genome Center The Public Health Agency of Sweden National Health Laboratory Service (NHLS), Tygerberg Siefan cel Mare, University Metagenomics lab Stefan cel Mare, University Metagenomics Lab The Public Health Agency of Sweden Bielefeld University Agenma. FSBSSI "Chumakov Federal Scientific Center for Research and Development of Immune and Biological Products of Russian Academy of Secencer's A VRC: "Nutritation restitute" Center for Mattlematical Modeling and Center for Genome Regulation. Sarriago, Chile Faculty of Medicine, Al-Quels University Florida Bureau of Public Health Laboratories Florida Bureau of Public Health Laboratories. Florida Department of Health Norwegian Institute of Public Health Laboratories.	Adam Mejer et al Ivars Silamiljeriis et al Ivars Silamiljeriis et al Durstre et al Dr. V. Sudha Rani et al Leanne Mortimer et al Susan Engelbrecht et al Zekri et al Department of Microbiology et al Susan Engelbrecht et al Lobius Andree et al, et al Lobius Andree et al, et al Anna-Malin Linde et al David Brandt et al Likbov Kostovskaya et al Gaete A et al Eregat et al Syana Syana et al Syana Syana et al
EP E., 414426 EP E., 414426 EP E., 414946 EP E., 414946 EP E., 414946 EP E., 419146 EP E., 41914 EP E.,	E. Gulbja Laborstorija E. Gulbja Laborstorija E. Gulbja Laborstorija E. Gulbja Iaborstorija E. Eastern Ontario Regional Laborstory Association E. Edamers Clinic Egyptian National Cancer Institute (ENCI) Egyptian National Cancer Institute (ENCI) Elkorps Vardecentral Elites River CHC w ERP Emergency County Hospital Suceava E. Entergency County Hospital Suceava E. Eskistura E. Evangelische Füllnichen Beheel, Institut für Laborstoriumsmedizin, Mitrobiologie und Hyglene E. Epp. 2020 Emergency Center F. SBSI "Chumskov Federal Scientific Center for Research and Development of Immune and-Biological Products of Russian Academ of Sciences" F. Facultad de Medicina UC F. Facultad et Medicina UC F. Facultad Burgea of Public Health Laborstories Florida Bureau of Pu	National Institute for Public Health and the Environment (RIVAI) Lahvan Biomedical Research and Study Centre Lahvan Biomedical Research and Study Centre Inciensa, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Satud CSIR Centre for Cellular and Microcular Biology Michaster University Michaster University Michaster University Michaster University Falloria Health Laboratory Service (MHLS), Tygerbeng Egyptian National Canter Institute (ENCI) Human Genome Center The Public Health Agency of Sweden National Health Agency of Sweden Stefan cell Mare. University Metagenomics bio Stefan cell Mare. University Metagenomics tab Stefan cell Mare University Metagenomics tab Center for Nationalization Modeling and Center for Research and Development of Inmurure and Biological Products of Russian Academy of Secretar's Nation Nationalization establic Faculty of Medicine, Al-Quid University Federal Budget Institution of Science, State Research Center for Applied Microbiology & Biotechnology Florida Bureau of Public Health Laboratories The Public Health Agency of Sweden	Adam Meijer et al Ivars Silamilijeriis et al Ivars Silamilijeriis et al Duarte et al Du-Y Sudha Rani et al Leanne Mortimer et al Zehri et al Zehri et al Zehri et al Department of Microbiology et al Susan Engebrecht et al Lobuc Andrei et al et al Anna Malin Linde et al Liubov Kodiovskaya et al Gaete A et al Erequit et al Sarah Schmedes et al Sarah Schmedes et al Kathrine Stene-Johansen et al Kathrine Stene-Johansen et al Okaker Kartsoon Lindejo et al

EPI_ISL_413586	Foundation Elisabeth-Tweesteden Ziekenhuis	Erasmus Medical Center	David Nieuwenhuijse et al A (https://dx.doi.org/10.1038/s41591-020-
EPI ISL 413985	Foundation Pamm	Erasmus Medical Center	0997-y) David Nieuwenhuijse et al A (https://dx.doi.org/10.1038/s41591-020-0997-y)
EPI ISL 431779	Fujian Center for Disease Control and Prevention	Fujian Center for Disease Control and Prevention	Use Circle Circl
EPI ISL 707028	Fujita Health University Hospital	Fujita Health University School of Medicine, Department of Microbiology	Masahiro Suzuki et al
EP_ISL_728000	Fujita Health University Okazaki Medical Center	Department of Virology and Parasitology, Fujita Health University School of Medicin	Takayuki Murata et al
EP_ISL_716273	Fujita Health University Okazaki Medical Center	Department of Virology and Parasitology, Fujita Health University School of Medicine	Takayuki Murata et al
EP ISL 7/2608	Fujita Health University Okazaki Medical Center	Fujita health University, Department of Microbiology	Takayuki Murata et al
EPI ISL. 549132. EPI ISL. 590903; EPI ISL. 769995; EPI ISL. 769995; EPI ISL. 769995; EPI ISL. 549055; EPI ISL. 549055; EPI ISL. 549055; EPI ISL. 549056; EPI IS	Furst Medical Laboratory	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen et al
EP ISL_045556 EP ISL_046124, EP ISL_046000; EP ISL_046027 EP ISL_04755	GMERS Medical College and Hospital, Dharpur, Patan	Gujarat Biotechnology Research Centre	Nidhi Patel et al
EP SL_06140; EP JSL_062163; EP JSL_562634; EP JSL_5646141	Gavle klinisk mikrobiologi	The Public Health Agency of Sweden	Anna-Malin Linde et al
EPI_81_475110	Gavle klinisk mikrobiologi	The Public Health Agency of Sweden	Oskar Karlsson Lindsjo et al
7.00577; EPI_ISL_730570; EPI_ISL_730570; EPI_ISL_730575; EPI_ISL_7305696; EPI_ISL_7305696; EPI_ISL_730570; EPI_ISL_7305774; EPI_ISL_7305775; EPI_ISL_730575; EPI_ISL_730575; EPI_ISL_7305775; EPI_ISL_730575; EPI_ISL_730	Gazi University Faculty of Medicine, Medical Virology Laboratory	Gazi University Faculty of Medicine, Medical Virology Laboratory	Erdem Şahin et al
EPI ISL 467300	General Hospital "Abdulah Nakas"	Alea Genetic Center	Rijad Konjhodzic et al (https://dx.doi.org/10.1101/2020.06.19.160606)
	General Hospital - Kumanovo	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov", Macedonian Academy of Sciences and Arts	
EP. I.S. 67629, EP. I.S. 67772; EP. I.S. 67772, EP. I.S. 676255, EP. I.S. 677724, EP. I.S. 677704	General Hospital - Ohrid	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov", Macedonian Academy of Sciences and Arts	RCGEB - MASA et al
EPI_ISL_51434: EPI_ISL_67826: EPI_ISL_677703. EPI_ISL_67764	General Hospital - Prilep	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov", Macedonian Academy of Sciences and Arts	RCGEB - MASA et al
EP. ISL_676200, EP. ISL_677719	General Hospital - Struga	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov", Macedonian Academy of Sciences and Arts	
EPI ISL 678254	General Hospital - Strumica	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov", Macedonian Academy of Sciences and Arts	
EP ISL 67875	General Hospital - Veles	Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremoy". Macedonian Academy of Sciences and Arts	
EPI ISL 400798	General Hospital of Central Theater Command of People's Liberation Army of China	BGI & Institute of Microbiology, Chinese Academy of Sciences & Shandong First Medical University & Shandong Academy of Medical Sciences & General Hospital of Central Theater Command of People's Liberation Army of China	Weijun Chen et al (https://dx.doi.org/10.1016/S0140-6736/20)30251-8)
EPI ISI. 585647	Army of China General Hosoital Godhra	Medical Sciences & General Hospital of Central Theater Command of People's Liberation Army of China Guiarat Biotechnology Research Centre	Pinal Gandhi et al
		.,	
EPI_ISL_614285; EPI_ISL_614285 EPI_ISL_754392	General practitioner Genetica Molecular and Subdepartamento de Virologia ISP Chile	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris Instituto de Satud Publica de Chile	Marion Barbet et al B
	Genetica Molecular and Subdepartamento de Virologia ISP Chile Genetica Molecular and Subdepartamento de Virologia ISP Chile	Instituto de Salud Publica de Chile Instituto de Salud Publica de Chile	Javier Tognarelli et al
EP 18.3. 746605. EP 18.	•		Javier Tognarelli et al
EPIJSL_605783 EPIJSL_400256; EPIJSL_400246; EPIJSL_736375; EPIJSL_400276; EPIJSL_736346; EPIJSL_736346; EPIJSL_736306; EPIJSL_736306; EPIJSL_400265; EPIJSL_400226; EPIJSL	Genomic Laboratory (GLAB) (Conjoint lab of Health Directorate of Istanbul and Istanbul Technical University)	Genome Center Genomic Laboratory (GLAB), Istanbul Technical University	Md. Shazid Hasan et al
EP 18.1. 480256. EP 18.3. 480206. FP 18.7. 783275. EP 18.1. 480276. EP 18.7. 783244. EP 18.7. 783296. EP 18.1. 783296. EP 18.7. 783296. EP 18.			
EP_LSL_427391; EP_LSL_428346	Genomic Laboratory (GLAB) (Conjoint lab of Health Directorate of Istanbul and Istanbul Technical University)	Genomic Laboratory (GLAB), Istanbul Technical University	Ilker Karacan et al B (https://dx.doi.org/10.1101/2020.05.15.095794)
EP_ISL_623908	Genomic Sciences, Rehman Medical Institute	Genomic Sciences, Rehman Medical Institute	Ali et al
EP_LSL_73026: EP_LSL_730216: EP_LSL_730218: EP_LSL_730207: EP_LSL_730212	Genomica Lab Molecular, México	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Jonathan Gonzalez Garcia et al
EP_LSL_53957	Gerencia del área de salud de Badajoz, Llerena y Zafra	Instituto de Salud Carlos III	Iglesias-Caballero et al A
EP SL, 452218; EP SL, 452221; EP SL, 452220; EP SL, 452220; EP SL, 452219; EP SL, 452220	Goethe University Hospital Frankfurt	Institute for Medical Virology, Goethe University Hospital Frankfurt	Tuna Toptan et al
EP ISL 468005; EP ISL 468005; EP ISL 468705; EP ISL 468005; EP ISL 468000; EP ISL 468005; EP ISL	Gorgas Memorial Laboratory of Health Studies	Gorgas Memorial Laboratory of Health Studies	Danilo Franco et al (https://www.medrxiv.org/content/10.1101/2020. 07.31.20160929v1)
EP_ISL_524736	Government General Hospital, Jam Khambhaliya, Devbhoomi Dwarka		Janvi Raval et al
EPI_ISI_508217; EPI_ISI_508282	Government Medical College	National Institute of Biomedical Genomics	Arindam Maitra et al
EPI_ISL_640054; EPI_ISL_640040; EPI_ISL_640051; EPI_ISL_640000	Groote Schuur Hospital wc GSH	National Institute of Biomedical Genomics NHLS/UCT	Arindam Mailra et al Arash Iranzadeh et al
	Groote Schuur Hospital wc GSH Group 42 (G42) Healthcare, Abu Dhabi, United Arab Emirates; Department of Health, The United Arab Emirates		
EPI_ISL_640054; EPI_ISL_640040; EPI_ISL_640051; EPI_ISL_640000	Groote Schuur Hospital wc GSH Group 42 (G42) Healthcare, Abu Dhabi, United Arab Emirates; Department of Health, The United Arab Emirates	NHLSUCT	Arash Iranzadeh et al
EP_ISL_640054_EP_ISL_640040; EP_ISL_640051; EP_ISL_640051; EP_ISL_640050 EP_ISL_609513; EP_ISL_609513; EP_ISL_609612; EP_ISL_609612; EP_ISL_609614; EP_ISL_609614; EP_ISL_609604; EP_ISL_6096044; EP_ISL_609612; EP_ISL_609614; EP_ISL_609676; EP_ISL_	Groote Schuar Hospital wc GSH Group 42 (G42) Healthcare, Abu Dhabi, United Arab Emirates; Department of Health, The United Arab Emirates Guangdoop Provincial Center for Diseases Control and Prevention; Guangdoop Provincial Public Health Gampdoop Provincial Public Health Gampdoop Provincial Public Health	NHLSUCT G42 Healthcare	Arath Iranzadeh et al Rong Liu et al Min Kang et al A Min Kang et al B Min Kang et al B
EP_ISL_640054; EP_ISL_640040; EP_ISL_640051; EP_ISL_640050 EP_ISL_66917; EP_ISL_66917; EP_ISL_66918; EP_ISL_66918; EP_ISL_669217; EP_ISL_669217; EP_ISL_669305; EP_ISL_669694; EP_ISL_669122; EP_ISL_669121; EP_ISL_669272; EP_ISL_669476; EP_ISL_6694	Groote Schuur Hospital wc GSH Group 42 (G42) Healthcare, Abu Dhabi, United Arab Emirates; Department of Health, The United Arab Emirates Guangdong Provincial Center for Diseases Control and Prevention; Guangdong Provincia	NetLSUCT G42 Healthcare Department of Microbiology, Guangdong Provincial Center for Diseases Control and Prevention	Arash franzadeh et al Rong Liu et al Min Kang et al A
EP_ISL_64004; EP_ISL_64004; EP_ISL_64006; EP_ISL_64006; EP_ISL_640060 EP_ISL_669137; EP_ISL_68913; EP_ISL_669122; EP_ISL_669132; EP_ISL_669132; EP_ISL_669132; EP_ISL_669132; EP_ISL_669132; EP_ISL_669132; EP_ISL_669132; EP_ISL_669132; EP_ISL_669132; EP_ISL_669133 EP_ISL_6403035	Groode Schuur Hospstal wc GSH Group 42 (Gd2) Healthcare, Abu Dhabi, Unided Anab Enrinters, Department of Health. The United Anab Enrinters Gaungdorp Provincial Center for Diseases Control and Prevention, Gaungdorp Provincial Public Health Gaungdorp Provincial Public Health Gaungdorp Provincial Public Health Gaungdorp Provincial Public Health	NeILSUCT G42 Healthcare Department of Microbiology, Guangdong Provincial Center for Diseases Control and Prevention Department of Microbiology, Guangdong Provincial Center for Diseases Control and Prevention	Arash Iranzadeh et al Rong Liu et al Min Kang et al A Min Kang et al B (hitps://dx.doi.org/10.2807/1560-7917.E.S. 2002 25 13.200305)
EP_ISL_64004; EP_ISL_64004; EP_ISL_64005; EP_ISL_640050 EP_ISL_66917; EP_ISL_66917; EP_ISL_66916; EP_ISL_66912; EP_ISL_66917; EP_ISL_669176;	Groote Schuar Hospital vc GSH Group 42 (GGI) Healthcare, And Dishi, Unided Arab Emirates, Department of Health. The United Arab Emirates Gaungdrop Provincial Center for Diseases Control and Prevention, Gaungdrop Provincial Delicit Health Gaungdrop Provincial Public Health Gaungdrop Provincial Public Health Gaungdrop Provincial Public Health Gaungdrop Frommish Public Health Gaungdrop Eighth People's Hospital (John Sector)	NHLSUCT G42 Healthcare Department of Microbiology, Guangdong Provincial Center for Diseases Control and Prevention Department of Microbiology, Guangdong Provincial Center for Diseases Control and Prevention Institute of Human Virology, Zhongdhan School of Medicine, Sun Yati sen University	Arash Iranzadeh et al Rong Liu et al Min Kang et al A Min Kang et al B (helpszirks.doi.org/10.2807/1560-7917.ES. 2020.25.13.2000305) Junsong Zhang et al
EP_ISL_64004, EP_ISL_64004; EP_ISL_64005; EP_ISL_640605 EP_ISL_66817; EP_ISL_66817; EP_ISL_66812; EP	Groote Schuar Hospital vc GSH Group 42 (GA2) Healthcare, Abo Dishib, Unided Arab Emirates, Department of Health. The United Arab Emirates Guangdong Previous Center for Diseases Control and Prevention, Guangdong Previous District For Diseases Control and Prevention, Guangdong Provincial Delich Health Guangdong Provincial Delich Health Guangdong Provincial Center for Diseases Control and Prevention, Guangdong Provincial Center for Diseases Control and Prevention, Guangdong English People's Hospitals (Jainhe Sector) Guattemala Ministry of Public Health	NHLSUCT G42 Healthcare Department of Microbiology, Guangdong Provincial Center for Diseases Control and Prevention Department of Microbiology, Guangdong Provincial Center for Diseases Control and Prevention Institute of Human Virology, Zhongshan School of Medicine, Sun Yat-sen University Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Arash Iranzadeh et al Rong Liu et al Min Kang et al A Min Kang et al B (Polpozids.doi.org/10.2807/1590-7917.ES. 2020.25.13.0000569) Junsong Zhang et al B Jing Zhang et al B
EP_ISL_640594; EP_ISL_640595; EP_ISL	Groote Schuar Hospital vc CSH Group 24 (342) Healthcare, Ab Dhabi, Unided Arab Emirates, Department of Health. The United Arab Emirates Ganagiong Provincial Center for Diseases Control and Prevention, Ganagiong Provincial Pacific Health Ganagiong Provincial Pacific Health Ganagiong Provincial Pacific Health Guangiong Health Ganagiong Ganagiong Health Ganagiong Guangiong Health Ganagiong Ganagiong Guangiong Health Ganagiong Guangiong Health Ganagiong Guangiong Health Ganagiong Guangiong Health Ganagiong Guangiong Guan	NHLSUCT G42 Heathcare Department of Microbiology, Guangdong Provincial Center for Diseases Control and Prevention Department of Microbiology, Guangdong Provincial Center for Diseases Control and Prevention Inestitute of Human Virology, Zhangdhan School of Medicine, Sun Yata each University Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Arash Iranzadeh et al Rong Liu et al Min Kang et al A Min Kang et al A Min Kang et al B (Republish dod.org/10.2807/1550-7917.ES. 2002.25.13.2000.000) Junsong 22rang et al Ung Zhang et al Ying Zhang et al B
EP_ISL_600915; EP_ISL_60096; EP_ISL_60096; EP_ISL_60096; EP_ISL_600912; EP_ISL_600910; EP_ISL_60	Groote Schuar Hospital vc CSH Group 42 (G42) Healthcare, Abu Dhabi, United Anb Enristes, Department of Health. The United Anb Enristes Gaungdorp Provincial Center for Diseases Control and Prevention, Gaungdorp Provincial Public Health Gaungdorp provincial Public Health Gaungdorp Provincial Public Health Gaungdorp Provincial Public Health Gaungdorp Frovincial Public Health Gauggdetiu CHC wc GDH	NHLSUCT G42 Healthcare Department of Microbiology, Guangdong Provincial Center for Diseases Control and Prevention Department of Microbiology, Guangdong Provincial Center for Diseases Control and Prevention Institute of Human Virology, Zhongsham School of Medicine, Sun Yat-sen University Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention NetLSUCT	Arash Iranzadeh et al Rong Llu et al Min Kang et al A Min Kang et al B (https://dx.doi.org/10.2807/1560-7917.ES. 2002.28.13.2009/260) Junnong Zhang et al Jung Zhang et al Ving Tao et al A Arash Iranzadeh et al Crasj S. Richmond et al Tasvods Sickbidus et al C (fithes://www.medroiv.ors/content/10.
EP_ISL_64054; EP_ISL_64054; EP_ISL_64055; EP_ISL_64055; EP_ISL_660114; EP_ISL_660217; EP_ISL_660217; EP_ISL_66005; EP_ISL_660004; EP_ISL_660114; EP_ISL_660217; EP_ISL_66005; EP_ISL_660004; EP_ISL_660012; EP_ISL_660127; EP_ISL_660076; EP_ISL_660077; EP_ISL_660076; EP_ISL_66007	Groote Schuar Hospital vc GSH Group 42 (GG2) Healthcare, Anth Datai, Linited Anth Emirates, Department of Health. The United Anth Emirates Gaungdong Provincial Center for Diseases Control and Prevention, Gaungdong Provincial Public Health Gaungdong Provincial Public Health Gaungdong Provincial Public Health Gaungdong Provincial Public Health Gaungdong Townicial Public Health Gaungdong Child Wes GDH Gundenson Molecular Diagnostics Laboratory	NHL SUCT G42 Healthcare Department of Microbiology, Guangdong Provincial Center for Diseases Control and Prevention Department of Microbiology, Guangdong Provincial Center for Diseases Control and Prevention Institute of Human Virology, Zhongshan School of Medicine, Sun Yasheen University Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention NHLSUCT Kabara Cancer Research Institute	Arash Iranzadeh et al Rong Liu et al Min Kang et al A Min Kang et al B (https://dx.doi.org/10.2807/1560-7617.ES. 2002.02.13.2000305) Jumsong Zhang et al Jing Zhang et al B Ying Tao et al A Arash Iranzadeh et al Craig S. Richmond et al
EP_ISL_660917; EP_ISL_60096; EP_ISL_60096; EP_ISL_600912; EP_ISL_660912; EP_ISL_660917; EP_ISL_560909; EP_ISL_560909; EP_ISL_560909; EP_ISL_560909; EP_ISL_560909; EP_ISL_560910; EP_ISL_560910; EP_ISL_560909; EP_ISL_5	Groote Schuar Hospital vc GSH Group 42 (GG2) Healthcare, Anth Data), Linited Anth Emirates, Department of Health. The United Anth Emirates Gaungdong Provincial Center for Diseases Control and Prevention, Gaungdong Provincial Public Health Gaungdong Provincial Public Health Gaungdong Provincial Public Health Gaungdong Provincial Public Health Gaungdong Townicial Public Health Gaguette United William (Facility Control Public Health Gaguette United William (Facility Control Public Health and Environmental Sciences	NetLSUCT G42 Healthcare Department of Microbiology, Guangdong Provincial Center for Diseases Control and Prevention Department of Microbiology, Guangdong Provincial Center for Diseases Control and Prevention Institute of Human Virology, Zinongdong Provincial Center for Diseases Control and Prevention Institute of Human Virology, Zinongdana School of Medicine, Sun Yal-sen University Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention NetLSUCT Kidoara Cancer Research Institute Pathogen Genomics Center, National Institute of Infectious Diseases	Arash Iranzadeh et al Rong Liu et al Min Kang et al A Min Kang et al B (https://dx.doi.org/10.2807/1560-7917.ES. 2002.05.13.000305) Junisorg Zhang et al Jing Zhang et al B Vring Tao et al A Arash Iranzadeh et al Craig S. Richmond et al Tauyosis Seksikas et al C (https://www.mednivi.org/content/10. 110/12/200.07.01.443696/v1)
EP_ISL_660917; EP_ISL_80090; EP_ISL_60091; EP_ISL_600912; EP_ISL_600914; EP_ISL_600917; EP_ISL_600901; EP_ISL_600912; EP_ISL_600912; EP_ISL_600912; EP_ISL_600914; EP_ISL_600917; EP_ISL_600901; EP_ISL_6	Groode Schuar Hospital vc GSH Group 42 (GG2) Healthcane, Abst. Disab., United Anib Eminates, Department of Health. The United Anib Eminates Gianagdous Provincial Center for Diseases Control and Prevention; Gaungdous Provincial Public Health Gianagdous Provincial Public Health Gianagdous Provincial Public Health Gianagdous Egithi People's Hospital (Jahe Sector) Gustermala Ministry of Public Health Gustermal Prefectural Institute of Public Health and Environmental Sciences Guntur General Hospital	NHLSUCT G42 Heathcare Department of Microbiology, Guangdong Provincial Center for Diseases Control and Prevention Department of Microbiology, Guangdong Provincial Center for Diseases Control and Prevention Institute of Human Vinology, Zhongshan School of Medicine, Sun Yas een University Pathogen Discovery, Respiratory Vinuses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention Pathogen Discovery, Respiratory Vinuses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention NHLSUCT Kubarra Cancer Research Institute Pathogen Genomics Center, National Institute of Infectious Diseases CSIR-Centre for Cellular and Molecular Biology	Arash Iranzadeh et al Rong Liu et al Min Kang et al A Min Kang et al B (https://dx.doi.org/10.2807/1560-7617.ES. 2020.28.13.2003056) Junsong Zhang et al Ving Tao et al A Arash Iranzadeh et al Craig S. Richmond et al Tayopis Selkisha et al C (https://www.medniv.org/content/10.1101/2020.07.01.214596941) Dr.V. Sudha Rani et al
EP_ISL_60091; EP_ISL_60090; EP_ISL_60090; EP_ISL_60091; EP_ISL_60091; EP_ISL_600912; EP_ISL_600912; EP_ISL_600912; EP_ISL_600912; EP_ISL_600916; EP_ISL_600916; EP_ISL_600900; EP_ISL_6009	Groote Schuar Hospital vc CSH Group 24 (342) Healthcare, Ab Dhaib, United Arab Emirates, Department of Health. The United Arab Emirates Ganagiong Provincial Center for Diseases Control and Prevention, Gauteman Ministry of Public Health Gauteman Ministry of Public Health General Hospital Institute of Public Health and Environmental Sciences Guntum Centeral Institute of Public Health and Environmental Sciences	NHLSUCT G42 Healthcare Department of Microbiology, Guangdong Provincial Center for Diseases Control and Prevention Department of Microbiology, Guangdong Provincial Center for Diseases Control and Prevention Institute of Human Virology, Zhongshan School of Medicine, Sun Yashean University Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention NHLSUCT Kobara Cancer Research Institute Pathogen Connomics Center, National Institute of Infectious Diseases CSIR-Centre for Cellular and Melecular Biology Instituto Nacional os Saude (INSA)	Arash Iranzadeh et al Rong Llu et al Min Kang et al A Min Kang et al A Min Kang et al B (Ritgellide dol. org/10 280711500-7917.ES. 2000. 26: 13.2000000) Junsong Zhang et al Ving Zhang et al B Ving Tao et al A Arash Iranzadeh et al Craig S. Richmond et al Tauyoshi Selusius et al C (Ritge://www.mediniv.org/content/10. 1101/200.07 of 12014306001)
EP.J.S66051; EP.J.S	Groote Schuar Hospital vc CSH Group 42 (G42) Healthcare, Abu Dhabi, United Anab Emirates, Department of Health. The United Anab Emirates Gaungdorp Provincial Center for Diseases Control and Prevention, Gaungdorp Provincial Public Health Gaungdorp Provincial Public Health Gaungdorp Provincial Public Health Gaungdorp Frovincial Public Health Gustermalia Ministry of Public Health Gugstetlu CHC wc CDH Gundersen Molecular Diagnostics Laboratory Gunnar Prefectual Institute of Public Health and Environmental Sciences Guntlar Centeral Hospital H Braga H Gustmaraes	NHLSUCT G42 Healthcare Department of Microbiology, Guangdong Provincial Center for Diseases Control and Prevention Department of Microbiology, Guangdong Provincial Center for Diseases Control and Prevention Department of Microbiology, Journaphon Provincial Center for Diseases Control and Prevention Institute of Human Virology, Zhongsham School of Medicine, Sun Yalsen University Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention NHLSUCT Kubara Cancer Research Institute Pathogen Genomics Center, National Institute of Infectious Diseases CSIR-Centre for Cellular and Midecular Biology Instituto Nacional de Saude (INSA) Instituto Nacional de Saude (INSA)	Arash Iranzadeh et al Rong Liu et al Min Kang et al a B i Britge-Iride. doi. org/10.2807/1560-7917.ES. 2002.29.13.2000/080) Junnong Zhang et al Jung Zhang et al Jing Zhang et al Pring Tao et al A Arash Iranzadeh et al Crasy S. Richmond et al Tayyotis Selksinka et al C (Pitps://www.mednivi.org/content/10. 1101/2002.07.01.2014.9969/1) CN Sudin Ram et al Gulomar et al et al Gulomar et al et al
EP_ISL_600915; EP_ISL_60096; EP_ISL_60096; EP_ISL_60096; EP_ISL_600912; EP_ISL_600917; EP_ISL_600917; EP_ISL_600919; EP_ISL_60	Groote Schuar Hospital vc CSH Group 42 (GA2) Healthore, Ab Dhaib, United Anib Enrirates, Department of Health, The United Anib Enrirates Gamagdong Provincial Center for Diseases Control and Prevention, Gamagdong Provincial Public Health Gamagdong Provincial Public Health Gamagdong Provincial Center for Diseases Control and Prevention, Gamagdong Provincial Public Health Gamagdong Provincial Public Health Gamagdong Provincial Public Health Gamagdong Provincial Public Health Gustermalia Ministry of Public Health and Environmental Sciences Guntus Profestural Institute of Public Health and Environmental Sciences Guntus Ceneral Hospital H Biraga H Gustraraes HELIX LCC	NHLSUCT G42 Healthcare Department of Microbiology, Guangdong Provincial Center for Diseases Control and Prevention Department of Microbiology, Guangdong Provincial Center for Diseases Control and Prevention Institute of Human Virology, Zhongsham School of Medicine, Sun Yal-sen Diviversity Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention NHLSUCT Kidahra Cancer Research Institute Pathogen Genomics Center, National Institute of Infectious Diseases CSIR-Centre for Cellular and Midecular Biology Instituto Nacional de Saude (INSA) WHO National Influenza Centre Russan Federation	Arash Iranzadeh et al Rong Liu et al Min Kang et al a B i Britge-Link. doi org/10 2807/1560-7917. ES. 2002 29.13 2000/080) Junnong Zhang et al Junnong Zhang et al Gray Sang et al Ying Tao et al A Arash Iranzadeh et al Cray S. Richmond et al Taypostis Selbischae et al C (Pitps://www.mednivi.org/content/10. 1101/2002 07 01 20 14396941) Guiomar et al et al
EP.J.S60050; EP.J.S60050; EP.J.S60050; EP.J.S60051; EP.J.S	Groote Schuar Hospital vc CSH Group 42 (G42) Healthcare, Abu Dhabi, United Anab Emirates, Department of Health. The United Anab Emirates Gaungdorp Provincial Center for Diseases Control and Prevention, Gaungdorp Provincial Public Health Gaungdorp Provincial Public Health Gaungdorp Provincial Public Health Gaungdorp Frovincial Public Health Gaungdorp Frovincial Public Health Gaungdorp Frovincial Public Health Gaungdorp Emirated Public Health Gaungdorp Emirated Public Health Gaungdorp Frovincial Public Health Gustermalia Ministry of Public Health Gustermalia Ministry of Public Health Gugnetius CHC wc GDH Gundersen Molecular Diagnostics Laboratory Gunnar Prefectual Institute of Public Health and Environmental Sciences Guntler Centerial Hospital H Gurmaraes HELIX LCC HELIX LLC	NHLSUCT G42 Healthcare Department of Microbiology, Guangdong Provincial Center for Diseases Control and Prevention Department of Microbiology, Guangdong Provincial Center for Diseases Control and Prevention Department of Microbiology, Guangdong Provincial Center for Diseases Control and Prevention Institute of Human Virology, Zhongsham School of Medicine, Sun Yalsen Guesses (Disease Control and Prevention Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention NHLSUCT Kubara Cancer Research Institute Pathogen Genomics Center, National Institute of Infectious Diseases CSIR-Centre for Cellular and Midecular Biology Instituto Nacional de Saude (INSA) WHO National Influenza Centre Russian Federation WHO National Influenza Centre Russian Federation	Arraith Instruzadeh et al Rong Llu et al Min Kang et al A Min Kang et al B (https://dx.doi.org/10.2807/1560-7917.ES. 2000.25.13.0000300) Junnong Zhang et al Junnong Zhang et al Jing Zhang et al B Ying Tao et al A Arash Instruzadeh et al Casa S. Richmond et al Tanyashi Sabisuka et al C (https://www.mediniiv.org/contient/10.110/2020.07.01.20.110.110.110.110.110.110.110.110.1
EP JSL_60050; EP	Groote Schuar Hospital vc GSH Group 42 (Gd2) Healthcare, Aub Chaib, Unided Arab Enristes, Department of Health. The United Arab Enristes Ganagdora Provincial Center for Diseases Control and Prevention, Ganagdora Provincial Public Health Ganagdora Provincial Public Health Ganagdora Provincial Public Health Ganagdora Forbincial Public Health Ganagdora Engine People's Hospital (Jaihe Sector) Guatemala Ministry of Public Health Guatemala Ministry of Public Health Guguletu CHC wc GDH Gundersen Molecular Diagnostics Laboratory Gunner Predictural Institute of Public Health and Environmental Sciences Gutura Ceneral Hospital H Braga HG Gundersen Hospital H Graga HG Gundersen HOSPital H Gundersen HOSPital H Gundersen Hospital H Graga HG Gundersen Hospital H Graga HG Gundersen Hospital H Graga HG Gundersen HOSPital H G Gundersen Hospital H G Gundersen H G G Gundersen H G G G G G G G G G G G G G G G G G G	NHL SUCT G42 Healthcare Department of Microbiology, Guangdong Provincial Center for Diseases Control and Prevention Department of Microbiology, Guangdong Provincial Center for Diseases Control and Prevention Institute of Human Virology, Zhrongshan School of Medicine, Sun Yas-een University Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention NHLSUCT Kabara Cancer Research Institute Pathogen Genomics Center, National Institute of Infectious Diseases CSIR-Centre for Cellular and Micleodur Biology Instituto Nacional of Stude (INSA) WHO National Influenza Center Russian Federation WHO National Influenza Center Russian Federation Instituto Racional of Saude (INSA) Instituto Castancional of Saude (INSA)	Arrath Iranzadeh et al Rong Llu et al Min Kang et al A Min Kang et al B (https://dx.doi.org/10.2807/1560-7917.ES. 2002.25.13.000365) Junsong Zhang et al Jing Zhang et al B Ving Tao et al A Arath Iranzadeh et al Craig S. Richmond et al Tauyoth Seliculas et al C (https://www.medniv.org/content/10.1101/2002.07.31.491696bv/) Dr.V. Sucha Rari et al Gulomar et al et al Andrey Komissarov et al A Andrey Komissarov et al A Andrey Komissarov et al A Andrey Comissarov et al A Andree E Castillo et al Francisco Duante et al Francisco Duante et al
EP JSL_60051; EP JSL_60050; EP JSL_60050; EP JSL_60051; EP JSL_70051; EP	Groote Schuar Hospital vc CSH Group 24 (342) Healthcare, Ab Dhaib, United Arab Emirates, Department of Health. The United Arab Emirates Ganagiong Provincial Center for Diseases Control and Prevention, Canagiong Provincial Center for Diseases Control and Prevention, Cautemata Ministry of Public Health and Environmental Sciences Canama Profestural Institute of Public Health and Environmental Sciences Canama Profestural Institute of Public Health and Environmental Sciences Canama Profestural Institute of Public Health and Environmental Sciences HEALT LLC HELD LLC HELD LLC HELD LLC HOSP SANTIAGO ORIENTE DR. LLIS TISNE B. HOSPITAL CIUDAD NELLY HOSPITAL CIUDAD NELLY HOSPITAL CIUDAD NELLY	NHL SUCT G42 Heathcare Department of Microbiology, Guangdong Provincial Center for Diseases Control and Prevention Department of Microbiology, Guangdong Provincial Center for Diseases Control and Prevention Department of Microbiology, Guangdong Provincial Center for Diseases Control and Prevention Institute of Human Virology, Zhongshan School of Medicine, Sun Yast ean University Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention NHL SUCT Kubara Cancer Research Institute Fullowers Control Institute Pathogen Genomics Center, National Institute of Infectious Diseases CSIR-Centre for Cellular and Midecular Biology Instituto Nacional of Saude (INSA) WHO National Influenza Center Russian Federation WHO National Influenza Center Russian Federation Instituto de Salude Publica de Chile Inciensa, Instituto Costaricromes de Investigación y Einsefaruza en Natrición y Salud Instituto de Salude Publica de Chile	Arrain Iranzaden et al Rong Liu et al Min Kang et al A Min Kang et al A Min Kang et al B (Ritgestide doi org/10 280711500-7917.ES. 2000.02.13.2000000) Junsong Zhang et al Uning Zhang et al Ving Tao et al A Arrain Iranzaden et al Tauposti Schizuka et al C (Ritgestiwww mediniv org/content/10. 1101/200.07.01.2014369001) Vin Sudah Ranzaden et al Guiomar et al et al Guiomar et al et al Guiomar et al et al Andrey Konnissarov et al Francisco Duante et al Francisco Duante et al Francisco Duante et al Francisco Duante et al Andreke E Castillo et al
EP J.S., 64004, EP J.S., 64004, EP J.S., 64005; EP J.S., 64005; EP J.S., 640010; EP J.S., 640116, EP J.S., 640217, EP J.S., 6	Groote Schuar Hospital vc CSH Group 42 (GA2) Healthore, Ab Dinbi, United Arab Emirates, Department of Health, The United Arab Emirates, Gaungdoorp Provincial Center for Diseases Control and Prevention, Gaungdoorp Provincial Public Health Gaungdoorp Provincial Center for Diseases Control and Prevention, Gaungdoorp Provincial Center for Diseases Control and Prevention, Gaungdoorp Provincial Public Health Gaungdoorp Provincial Public Health Gaungdoorp Provincial Public Health Gaungdoorp Provincial Public Health Gaungdoorp Trouble Public Health Gaungdoorp Trouble Public Health Gaungdoorp Trouble Health Gaungdoorp Trouble Health Gaungdoorp Trouble Health and Environmental Sciences Gaunna Prefectual Installate of Public Health and Environmental Sciences Guntur General Hospital H Braga H Gummanes HELIX LCC HELIX LCC HOSP SANTIAGO ORIENTE DR. LUIS TISNE B. HOSPITAL CIUDAD NELLY HOSPITAL CLUNCO DEL SUR HOSPITAL CLUNCO DEL SUR HOSPITAL DE BULNES	NHLSUCT G42 Healthcare Department of Microbiology, Guangdong Provincial Center for Diseases Control and Prevention Department of Microbiology, Guangdong Provincial Center for Diseases Control and Prevention Institute of Human Virologicay, Journaphon Provincial Center for Diseases Control and Prevention Institute of Human Virology, Zhongsham School of Medicine, Sun Yat-sen University Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention NHLSUCT Kabara Cancer Research Institute Pathogen Genomics Center, National Institute of Infectious Diseases CSIR-Centre for Cellular and Melecular Biology Instituto Nacional de Saude (INSA) WHO National Infuturaz Centre Russian Federation WHO National Infuturaz Centre Russian Federation Institute de Saude publica de Chile	Arrain Iranzadeh et al Rong Liu et al Min Kang et al A Min Kang et al a B inthe-irla. doi org/10 2807/1560-7917.ES. 2002.29.13 2000060) Junnong Zhang et al Jung Zhang et al Jing Zhang et al B Ying Tao et al A Arash Iranzadeh et al Craig S. Richmond et al Tasyastis Selbischae et al C (Pitps://www.mednisiv.org/content/10. 1101/2002.00 70 12.0143969-1) Dr. V. Sudha Rama et al et al Gulomar et al et al Gulomar et al et al Andrey Komissarov et al A Andrey Komissarov et al A Andree E Castillo et al Francisco Duante et al Andree E Castillo et al Andree E Castillo et al
EP.J.S60054; EP.J.S60056; EP.J.S60056; EP.J.S60051; EP.J.S60056; EP.J.S60051; EP.J.S	Groote Schuar Hospital vc CSH Group 24 (342) Healthcare, Ab Dhaib, United Arab Emirates, Department of Health. The United Arab Emirates Ganagiong Provincial Center for Diseases Control and Prevention, Canagiong Provincial Center for Diseases Control and Prevention, Cautemata Ministry of Public Health and Environmental Sciences Canama Profestural Institute of Public Health and Environmental Sciences Canama Profestural Institute of Public Health and Environmental Sciences Canama Profestural Institute of Public Health and Environmental Sciences HEALT LLC HELD LLC HELD LLC HELD LLC HOSP SANTIAGO ORIENTE DR. LLIS TISNE B. HOSPITAL CIUDAD NELLY HOSPITAL CIUDAD NELLY HOSPITAL CIUDAD NELLY	NHL SUCT G42 Heathcare Department of Microbiology, Guangdong Provincial Center for Diseases Control and Prevention Department of Microbiology, Guangdong Provincial Center for Diseases Control and Prevention Department of Microbiology, Guangdong Provincial Center for Diseases Control and Prevention Institute of Human Virology, Zhongshan School of Medicine, Sun Yast ean University Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention NHL SUCT Kubara Cancer Research Institute Fullowers Control Institute Pathogen Genomics Center, National Institute of Infectious Diseases CSIR-Centre for Cellular and Midecular Biology Instituto Nacional of Saude (INSA) WHO National Influenza Center Russian Federation WHO National Influenza Center Russian Federation Instituto de Salude Publica de Chile Inciensa, Instituto Costaricromes de Investigación y Einsefaruza en Natrición y Salud Instituto de Salude Publica de Chile	Arrain Iranzaden et al Rong Liu et al Min Kang et al A Min Kang et al A Min Kang et al B (Ritgestide doi org/10 280711500-7917.ES. 2000.02.13.2000000) Junsong Zhang et al Uning Zhang et al Ving Tao et al A Arrain Iranzaden et al Tauposti Schizuka et al C (Ritgestiwww mediniv org/content/10. 1101/200.07.01.2014369001) Vin Sudah Ranzaden et al Guiomar et al et al Guiomar et al et al Guiomar et al et al Andrey Konnissarov et al Francisco Duante et al Francisco Duante et al Francisco Duante et al Francisco Duante et al Andreke E Castillo et al
EP.J.S66094; EP.J.S66096; EP.J.S66091; EP.J.S660912; EP.J.S660912; EP.J.S660917; EP.J.S660918; E	Groote Schuar Hospital wc GSH Group 42 (G42) Healthcare, Abul Dhabi, United Arab Enristes, Department of Health. The United Arab Enristes Ganagloop Provincial Center for Diseases Control and Prevention, Ganagloop Provincial Public Health Ganagloop Brownical Public Health Gastemals Ministry of Public Health Gustemals Ministry of Public Health and Environmental Sciences Gurtus General Hospital H Braga H Gummanes HELIX LCC HELIX LLC HOSP: SANTIAGO ORIENTE DR. LUIS TISNE B. HOSPITAL CUINDA NELLY HOSPITAL CUINDA NELLY HOSPITAL CUINDA NELLY HOSPITAL GENERAL DE SEGOVA HOSPITAL GENERAL DE SEGOVA HOSPITAL HERMINDA MARTIN CHELAN	NHLSUCT G42 Healthcare Department of Microbiology, Guangdong Provincial Center for Diseases Control and Prevention Department of Microbiology, Guangdong Provincial Center for Diseases Control and Prevention Institute of Human Virology, Zhongshan School of Medicine, Sun Yat-sen University Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention NHLSUCT Kathara Cancer Research Institute Pathogen Genomics Center, National Institute of Infectious Diseases CSIR-Centre for Celular and Molecular Biology Instituto Nacional de Saude (INCA) WHO National Influenza Centre Rassain Federation WHO National Influenza Centre Rassain Federation Instituto Saladon Publica of Chile Inciensa, Instituto Costanticenses de Investigación y Ensefanza en Natrición y Salad Instituto de Salado Publica de Chile Instituto de Salado Publica de Chile	Arrain Instruzione et al Rong Liu et al Main Kang et al A Main Kang et al A (https://dx.doi.org/10.2807/1560-7917.ES. 20002.55.13.0000305) Junnong Zhang et al B (https://dx.doi.org/10.2807/1560-7917.ES. 20003.55) Junnong Zhang et al B Jung Zhang et al Jung Zhang et al B Zhang
EP.J.S60054; EP.J.S60056; EP.J.S60056; EP.J.S60051; EP.J.S60056; EP.J.S60051; EP.J.S	Groote Schuar Hospital vc CSH Group 42 (Gd2) Healthcare, Abul Dhabi, United Anb Enristes, Department of Health. The United Anb Enristes Ganagions Provincial Center for Diseases Control and Prevention, Ganagions Provincial Public Health Gastermals Ministry of Public Health Gustermals Ministry of Public Health Gustermals Ministry of Public Health Gugstets CHC wc GDH Gundersen Molecular Diagnostics Laboratory Gunnar Prefictual Institute of Public Health and Environmental Sciences Guntur Ceneral Hospital H Braga H Gumraces HELR LCC HELR LCC HELR LCC HOSP SANTIAGO ORIENTE DR. LUIS TISNE B. HOSPITAL CUIDAD NELLY HOSPITAL CUINCO DEL SUR HOSPITAL CUINCO DEL SUR HOSPITAL DE BULNES HOSPITAL DE BULNES HOSPITAL DE BULNES	NetLSUCT G42 Healthcare Department of Microbiology, Guangdong Provincial Center for Diseases Control and Prevention Department of Microbiology, Guangdong Provincial Center for Diseases Control and Prevention Institute of Human Virology, Zhongstans Ghoot of Medicine, Sun Yas-en University Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention NHLSUCT Kalbura Cancer Research Institute Pathogen Genomics Center, National Institute of Infectious Diseases CSIR Centre for Celular and Molecular Biology Instituto Nacional Stade (INSA) Viri O National Influenza Centre Russian Federation Viri O National Influenza Centre Russian Federation Instituto de Salude Publica de Chile Instituto de Salude Dublica de Chile Instituto de Salude Publica de Chile Instituto de Salude Publica de Chile Instituto de Salud Publica de Chile	Arrain Iranzadeh et al Rong Llu et al Min Kang et al A Min Kang et al B (Potps://dx.doi.org/10.2807/1560-7917.ES. 2002 28.13.0000369) Junnorg Zhang et al Junorg Zhang et al Junorg Zhang et al Junorg Zhang et al Jing Zhang et al B Ying Tao et al A Arrain Iranzadeh et al Crasj S. Richmond et al Traspostis Solicitudas et al C (Pitps://www.medoxiv.org/content/10. 1101/2002 07 at 20.143959-1) Dr.V. Sudha Rani et al Guiomar et al et al Guiomar et al et al Andrey Komissaror et al A Andres E Cassilio et al Francisco Duartie et al Andres E Cassilio et al Andres E Cassilio et al Andres E Cassilio et al Iglesias-Cabaliero et al B (https://dx.doi.org/10.1101/2020.04.20.050039)

EPI_ISL_445351; EPI_ISL_445350; EPI_ISL_445375; EPI_ISL_445374 EPI_ISL_418251 EPI_ISL_418243 EPI_ISL_636978; EPI_ISL_636979; EPI_ISL_636976; EPI_ISL_636977; EPI_ISL_636975 EPI ISL 43084 EPI_ISL_421463 EPI ISL 41297 EPI ISL 615105; EPI ISL 582805; EPI ISL 454436 EPI_ISL_475548; EPI_ISL_475557; EPI_ISL_469074; EPI_ISL_475158; EPI_ISL_475156 EPI ISL 710607; EPI ISL 710606 EPI ISI 482579 EPI ISI 482581 EPI_ISL_700516; EPI_ISL_700480; EPI_ISL_700566 EPI ISL 700508 FPI ISI 700584 EPI ISL 755592: EPI ISL 755590 EPI_ISL_501231; EPI_ISL_501248; EPI_ISL_501250; EPI_ISL_487377; EPI_ISL_501233; EPI_ISL_501235; EPI_ISL_501235; EPI_ISL_501236; EPI_ISL_487381; EPI_ISL_501251; EPI_ISL_501251 EPI_ISL_501230 EPI ISL 430469 EPI ISL 450529: EPI ISL 450526: EPI ISL 512297: EPI ISL 512296: EPI ISL 512299: EPI ISL 512300: EPI ISL 512302: EPI ISL 450525 EPI_ISL_428236; EPI_ISL_428232; EPI_ISL_428233 EPI ISL 451654; EPI ISL 451649; EPI ISL 451650; EPI ISL 451648 EPI_ISL_700274; EPI_ISL_700289; EPI_ISL_700308; EPI_ISL_699969; EPI_ISL_723067; EPI_ISL_699899; EPI_ISL_700065 EPI ISL 470575 EPI_ISL_479815 EPI_ISL_760034; EPI_ISL_760033; EPI_ISL_760036; EPI_ISL_760035; EPI_ISL_760056; EPI_ISL_760039; EPI_ISL_760037; EPI_ISL_760038; EPI_ISL_760041 EPI_ISL_718246; EPI_ISL_718234; EPI_ISL_718249; EPI_ISL_718240 EPI_ISL_560605; EPI_ISL_560601; EPI_ISL_560604; EPI_ISL_560599; EPI_ISL_560600; EPI_ISL_560598 EPI ISL 434380 EPI_ISL_491455 EPI_ISL_480318; EPI_ISL_480320; EPI_ISL_480316; EPI_ISL_480319 EPI ISL 691718; EPI ISL 691702; EPI ISL 691715 EPI ISL 683595: EPI ISL 671800 EPI ISL 510284; EPI ISL 510283 EPI ISL 541046 EPI ISL 512674: EPI ISL 512672 EPI ISL 476561 EPI ISL 578186 EPI ISL 756271: EPI ISL 756273 EPI ISL 654190; EPI ISL 654032; EPI ISL 654280; EPI ISL 654223; EPI ISL 654147; EPI ISL 654088; EPI ISL 654118; EPI ISL 654121; EPI ISL 654199 EPI ISL 467246; EPI ISL 510115; EPI ISL 481045; EPI ISL 481041; EPI ISL 481068; EPI ISL 510104; EPI ISL 481107; EPI ISL 541897; EPI ISL 541914; EPI ISL 541895; EPI ISL 541919; EPI ISL 54199; EPI EPI ISL 756272 EPI_ISL_574431; EPI_ISL_481247; EPI_ISL_481244; EPI_ISL_481245 EPI_ISL_471267 EPI_ISL_412964 EPI_ISL_416033 EPI ISL 414014 EPI_ISL_413016 EPI_ISL_480313; EPI_ISL_480314; EPI_ISL_480312 EPI ISL 480326; EPI ISL 480325; EPI ISL 480327 EPI_ISL_471271; EPI_ISL_471269; EPI_ISL_471270 EPI_ISL_419386 EPI_ISL_455336 EPI_ISL_539556 EPI_ISL_510308; EPI_ISL_510306 EPI ISL 414017; EPI ISL 414016; EPI ISL 414015

HOSPITAL SAN JUAN DE DIOS Instituto de Salud Publica de Chile Andrés E Castillo et al HOSPITAL UNIVERSITARIO LA PAZ Instituto de Salud Carlos III Iglesias-Caballero et al B (https://dx.doi.org/10.1101/2020.04.20.050039) HOSPITAL UNIVERSITARIO VIRGEN DE LAS NIEVES Instituto de Salud Carlos III Iglesias-Caballero et al B (https://dx.doi.org/10.1101/2020.04.20.050039) HP Pemba KRISP, KZN Research Innovation and Sequencing Platform Ismael N et al The Public Health Agency of Sweden HS mikrobiologi virus Zhibing Yun et al HSE Ilha Terceira - Angra do Heroismo Instituto Nacional de Saude (INSA) Guiomar et al et al HUS Diagnostiikkakeskus, Hallinto Department of Virology Faculty of Medicine, Medicum University of Helsinki Teemu Smura et al B (https://dx.doi.org/10.1002/jmv.25773) Halmstad klinisk mikrobiologi The Public Health Agency of Sweden Anna-Malin Linde et al Halmstad klinisk mikrobiologi The Public Health Agency of Sweden Oskar Karlsson Lindsio et al Halsomedicinskt Center The Public Health Agency of Sweden Department of Microbiology et al Hanozhou Center for Diseases Control and Prevention Jun Li et al Hangzhou Center for Diseases Control and Prevention Hanover Park CHC wc HPH NHLS/UCT Arash Iranzadeh et al Heideveld CDC wc HVP NHLS/UCT Arash Iranzadeh et al NHLS/UCT Heideveld Emergency Centre Arash Iranzadeh et al Genomics and Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention Helix/Illumina Peter W. Cook et al Hellenic Pasteur Institute, National Influenza Reference laboratory of Southern Greece & Unit of Bioinformatics and Applied Genomics Vasiliki Dooka at al Hellenic Pasteur Institute, National Influenza Reference laboratory of Southern Greece & Unit of Bioinformatics and Applied Genomics. Hellenic Pasteur Institute, Public Health Laboratories Hellenic Pasteur Institute. Public Health Laboratories Hellenic Pasteur Institute. Public Health Laboratories. Unit of Bioinformatics and Applied Genomics Vasiliki Pogka et al Hematology Laboratory, Section of Molecular Diagnostics, University

Clinical Centre Medical University of Granek

Department of Virology, Faculty of Medicine, University of Helsinki, Helsinki, Finland Maciei Grzybek et al Hematology Laboratory, Section of Molecular Diagnostics, University
Clinical Centre, Medical University of Gdanak
Diagnostics, University of Helsinki, Finland Hematology Laboratory, Section of Molecular Diagnostics, University

Clinical Centre, Medical University of Gdansk

Laboratory of Recombinant Vaccines Lukasz Rabalski et al Hematopathology Laboratory, ACTREC, TMC Hematonathology Laboratory ACTREC TMC Hematonathology Laboratory et al. Hermes Pardini Riginformatics Laboratory / LNCC Alexandra Gerber et al (https://dx.doi.org/10.1126/science.abd2161) Tsuyoshi Sekizuka et al C (https://www.mednxiv.org/content/10. 1101/2020.07.01.20143958v1) Hokkaido Institute of Public Health Pathogen Genomics Center, National Institute of Infectious Diseases Hong Kong Department of Health School of Public Health, The University of Hon g Kong Hong Kong Department of Health School of Public Health, The University of Hong Kong Daniel Chu et al National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris Marion Barbet et al B National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris Sylvie Behilfil et al Hospital AZ Rivierenland Institute of Tropical Medicine Philippe Selhorst et al Hospital Clinica Biblica Inciensa, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud Francisco Duarte et al Hospital Clínica Bíblica Charité Virology-University of Costa Rica Andres Moreira-Soto et al Instituto de Salud Carlos III Hospital Clínico San Carlos Iglesias-Caballero et al A Hospital Clínico Universitario Lozano Blesa de Zaragoza (España) SegCOVID-SPAIN consortium/IBV/CSIC) Rafael Benito et al Hospital Clínico Universitario de Santiago de Compostela SeqCOVID-SPAIN consortium/IBV(CSIC) José Javier Costa Alcalde et al Hospital Clínico Universitario de Santiago de Compostela SegCOVID-SPAIN consortium/Institute of Riomedicine of Valencia IRV-CSIC José Javier Costa Alcalde et al Hospital De Niños Dr. Carlos Saenz Herrera [San Jose/San Jose] Inciensa. Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud Francisco Duarte et al Hospital Garrahan Héritas Roberta Crespo et al Hospital General Juan Ramón Jiménez Instituto de Salud Carlos III Iglesias-Caballero et al A Hospital General Universitario Gregorio Marañón Hospital General Universitario Gregorio Marañón Sergio Buenestado Serrano et al Hospital General Universitario Gregorio Marañón SenCOVID-SPAIN consortium/IRV/CSIC) Dario García de Viedma et al Hospital General Universitario Gregorio Marañón SeqCOVID-SPAIN consortium/IBV(CSIC) Laura Pérez-Lago et al Hospital General Universitario La Princesa Hospital General Universitario Gregorio Marañón Sergio Buenestado Serrano et al Hospital IESS Babahoyo Institute of Microbiology, Universidad San Francisco de Quito Belén Prado-Vivar et al Hospital IESS Babahoyo Institute of Microbiology, Universidad San Francisco de Quito Sully Márquez et al Jaqueline Goes de Jesus et al (https://virological.org/Viirst-cases-of-coronavirus-disease-covid-19-in-brazil-south-america-2-genomes-3rd-march-2020/409) Hospital Israelita Albert Einstein Instituto Adolfo Lutz Interdisciplinary Procedures Center Strategic Laboratory Claudio Tavares Sacchi et al A (https://dx.doi.org/10.1101/2020. 05.23.20111443) Instituto Adolfo Lutz, Interdiciplinary Procedures Center, Strategic Laboratory Hospital Israelita Albert Einstein Claudio Tavares Sacchi et al C (https://dx.doi.org/10.1590/s1678-9946202082030) Hospital Israelita Albert Einstein Instituto Adolfo Lutz, Interdiciplinary Procedures Center, Strategic Laboratory Jaqueline Goes de Jesus et al (https://virological.org/t/first-cases-of-coronavirus-disease-covid-19-in-brazil-south-america-2-genomes-3rd march-2020/409) Hospital Israelita Albert Einstein Instituto Adolfo Lutz, Interdisciplinary Procedures Center, Strategic Laboratory Charité Virology-University of Costa Rica Institute of Microbiology, Universidad San Francisco de Quito Hospital Prof. Doutor Fernando Fonseca, EPE Instituto de Salud Carlos III Cristina Muñoz Cuevas et al Hospital San Pedro de Alcántara (Cáceres) Inciensa, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud Claudio Tavares Sacchi et al C (https://dx.doi.org/10.1590/s1678-9946202062030) Hospital São Joaquim Beneficencia Portuguesa Instituto Adolfo Lutz, Interdiciplinary Procedures Center, Strategic Laboratory

EPI JSL 485351	Hospital Txagorritxu	Instituto de Salud Carlos III	Iglesias-Caballero et al A
EP_ISL_737900	Hospital Universitario 12 de Octubre	Hospital Universitario 12 de Octubre	Raul Recio et al
EP_ISL_467134, EPI_ISL_467130, EPI_ISL_467159, EPI_ISL_467175, EPI_ISL_467142, EPI_ISL_467124	Hospital Universitario Araba. Vitoria-Gasteiz	SeqCOVID-SPAIN consortium/IBV(CSIC)	Silvia Hernáez Crespo et al
EP ISL_452772; EP ISL_4559992; EP ISL_452722	Hospital Universitario Araba. Vitoria-Gasteiz,	SeqCOVID-SPAIN consortium/IBV(CSIC)	Silvia Hernáez Crespo et al
EPI_ISL_417975	Hospital Universitario La Paz	Hospital Universitario La Paz	Elias Dahdouh et al (https://dx.doi.org/10.1101/2020.04.20.060039)
F) ISL_530072; EPI_ISL_530028; EPI_ISL_530042	Hospital Universitario La Paz	Hospital Universitario La Paz	Maria Rodriguez et al
EP IS. 982101	Hospital Universitario Marqués de Valdecilla - IDIVAL (Santander,	SeaCOVID-SPAIN consortium/IBV/CSIC)	Maria Eliecer Cano García et al
	Cantabria)		
EPI_ISL_452467	Hospital Universitario Puerta del Mar de Cádiz - INIBICA	SeqCOVID-SPAIN consortium/IBV(CSIC)	Salud Rodríguez-Pallares et al
EP_ISL_530117	Hospital Universitario Ramón y Cajal	Hospital Universitario La Paz	Maria Rodriguez et al
EPI_ISL_991730	Hospital Universitario Severo Ochoa	Instituto de Salud Carlos III	Iglesias-Caballero et al A
EPI_ISL_534314	Hospital Universitario da USP de SP	Instituto Adolfo Lutz, Interdiciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi et al B
EPI_ISL_991697; EPI_ISL_991686	Hospital Universitario de Ceuta	Instituto de Salud Carlos III	Iglesias-Caballero et al A
EP I.S. (20007; EP) I.S. (20004; EP) I.S. (20004; EP) I.S. (20004; EP) I.S. (20006; EP) I.S. (20004; EP) I.S. (20005; EP) I.S. (20005; EP) I.S. (20005; EP) I.S. (20005; EP) I.S. (20006; EP) I.S	Hospital Vila Franca de Xira	Instituto Nacional de Saude (INSA)	Borges et al et al
EPI_ISL_455316; EPI_ISL_578188; EPI_ISL_578187; EPI_ISL_539497	Hospital Virgen de las Nieves	Instituto de Salud Carlos III	Iglesias-Caballero et al A
EPI_ISL_45314	Hospital Virgen del Rocio	Instituto de Salud Carlos III	Iglesias-Caballero et al A
EPI_ISL_721989, EPI_ISL_722003	Hospital das Clínicas Universidade de São Paulo Medical School	Laboratório de Parasitología Médica - Instituto de Medicina Tropical - Universidade de São Paulo	Brazil-UK Centre for Arbovirus Discovery Diagnosis Genomics et al
EPI_ISL_476985	Hospital de Pediatría "Prof. Dr. Juan P Garrahan"	Héritas	Andrea Mangano et al
EPI_ISL_615121; EPI_ISL_478588	Hospital de Pediatría "Prof. Dr. Juan P Garrahan"	Héritas	Cristian Rohr et al
EPI_JSL_476573; EPI_JSL_476567; EPI_JSL_476567; EPI_SL_476571	Hospital de Pediatría "Prof. Dr. Juan P Garrahan"	Héritas	Dalmacio Pereyra et al
EPI_ISL_414578	Hospital de Talca, Chile	Instituto de Salud Publica de Chile	Andrés E. Castillo et al (https://dx.doi.org/10.1002/jmv.25797)
EPIJSL_671817; EPIJSL_671806; EPIJSL_671833; EPIJSL_671825; EPIJSL_671809; EPIJSL_671819; EPIJSL_671816	Hospital de la Santa Creu i Sant Pau. Servicio de Microbiología	SeqCOVID-SPAIN consortium/IBV(CSIC)	Ferran Navarro et al
EPI_JSL_541078; EPI_JSL_541061	Hospital de la Santa Creu i Sant Pau. Servicio de Microbiología	SeqCOVID-SPAIN consortium/Institute of Biomedicine of Valencia, IBV-CSIC	Ferran Navarro et al
EPI_ISL_707710; EPI_ISL_707700; EPI_ISL_458026; EPI_ISL_458027; EPI_ISL_488259; EPI_ISL_488257	Hospital for Tropical Diseases	COVID-19 Network Investigations (CONI) Alliance	Elizabeth Batty et al
EPI_ISL_560915; EPI_ISL_560797; EPI_ISL_560936; EPI_ISL_546036; EPI_ISL_471173; EPI_ISL_471176; EPI_ISL_420147; EPI_ISL_500799; EPI_ISL_5007999; EPI_ISL_500799; EPI_ISL_50079	Hospital of Southern Norway - Kristiansand, Department of Medical Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen et al
EPI ISL_563916	Hospital, Sarreguemines	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Sylvie Behilfil et al
	Houston Methodist Hospital	Houston Methodist Hospital	S. Wesley Long et al
EP ISL 45227	Huddinge VC	The Public Health Agency of Sweden	Anders Johansson et al
EP JSL 44598	Human Genetic Research Center, Kawsar Biotech Company	Human Genetic Research Center, Kawsar Biotech Company	Abbasalipour Bashash et al
			Production Statement of the
EP 18., 44011; EP 18., 461012; EP 18., 46002; EP 18., 44000; EP	Human Genome Variation Research Group, Malopolska Centre of Biotechnology	Human Genome Variation Research Group, Malopolska Centre of Biotechnology	Kowalski et al
EPI_ISL_526217; EPI_ISL_526222; EPI_ISL_526230; EPI_ISL_526232; EPI_ISL_526219; EPI_ISL_526220; EPI_ISL_526220; EPI_ISL_526223; EPI_ISL_526223	Hungarian Defence Forces Military Medical Centre	National Laboratory of Virology, Szentágothai Research Centre	Endre Gábor Tóth et al
EPI_ISL_759950	Husada Utama Hospital	Institute of Tropical Disease, Universitas Airlangga	Jezzy R Dewantari et al
EPI_ISL_629861	Husada Utama Hospital	Institute of Tropical Disease, Universitas Airlangga	Krisnoadi Rahardjo et al
EPI_ISL_538297; EPI_ISL_538094; EPI_ISL_538350	Hôpital Charles-LeMoyne	Laboratoire de santé publique du Québec	Sandrine Moreira et al
EPI_ISL_710540; EPI_ISL_710504; EPI_ISL_712000; EPI_ISL_710532; EPI_ISL_710531; EPI_ISL_710576; EPI_ISL_711057	Hôpital Fattouma-Bourguiba de Monastir	Laboratoire des Procédés de Criblage Moléculaire et Cellulaire-Centre de Biotechnologie de Sfax	Souissi et al
EPI_ISL_536168	Hôpital de Hull	Laboratoire de santé publique du Québec	Sandrine Moreira et al
EPI_ISL_536227	Hőpital du Surolt	Laboratoire de santé publique du Québec	Sandrine Moreira et al
EP_LISL_535875	Hőpital général du Lakeshore	Laboratoire de santé publique du Québec	Sandrine Moreira et al
EP_1SL_636821	Hôtel-Dieu de Lévis	Laboratoire de santé publique du Québec	Sandrine Moreira et al
EP IS, 653776; EP IS, 653777; EP IS, 653777; EP IS, 653776; EP IS, 653787; EP IS, 65384; EP IS, 72266; EP IS, 72267; EP IS, 7226	I.R.C.C.S. "S. De Bellis" - Ente Ospedaliero	Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata	Parisi A. et al
EPI_ISL_455945	ICMR-National Institute of Cholera and Enteric Diseases	National Institute of Biomedical Genomics	Arindam Maitra et al
EPI_ISL_404253	IL Department of Public Health Chicago Laboratory	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao et al B (https://dx.doi.org/10.1101/2020.03.09.20032896)
EPI_ISL_445379	IMALAB- HOSPITAL FACH	Instituto de Salud Publica de Chile	Andrés E Castillo et al
EPI_ISL_648209; EPI_ISL_648210; EPI_ISL_648214; EPI_ISL_648211; EPI_ISL_648216; EPI_ISL_648216; EPI_ISL_648212; EPI_ISL_648213; EPI_ISL_648217	INBIRS-UBA	Laboratorio Mixto de Biotecnología Acuática (LMBA)	Joaquín Ezpeleta et al
EP ISL_003170, EP ISL_003196, EP ISL_500964, EP ISL_500096	INMI Lazzaro Spallanzani IRCCS	INMI Lazzaro Spallanzani IRCCS	Barbara Bartolini et al
EPI ISL 609989	INMI Lazzaro Spallanzani IRCCS	INMI Lazzaro Spallanzani IRCCS	C.E.M Gruber et al
EP JSL_003161; EP JSL_003144; EP JSL_003146; EP JSL_003147; EP JSL_000965	INMI Lazzaro Spallanzani IRCCS	INMI Lazzaro Spallanzani IRCCS	Cesare E.M. Gruber et al B
EPI ISL 603167, EPI ISL 603149	INMI Lazzaro Spallanzani IRCCS	INMI Lazzaro Spallanzani IRCCS	Francesco Messina et al
EP ISL 590697; EP ISL 003154; EP ISL 603155; EP ISL 500993	INMI Lazzaro Spallanzani IRCCS	INMI Lazzaro Spallanzani IRCCS	Martina Rueca et al
EP, IS, 41656	INMI Lazzaro Spallanzani IRCCS	Laboratory of Virology, INMI Lazzaro Spallanzani IRCCS	Maria R. Capobianchi et al A (https://dx.doi.org/10.2807/1580-7917.ES. 2020.25.13.2000305)
ET_108_410566	INMI Lazzaro Spallanzani IRCCS		
	IRCCS Secret Curre Don Calabria Moenital Department of Infectious	Laboratory of Virology, INMI Lazzaro Spallanzani IRCCS	Maria R. Capobianchi et al B (https://dx.doi.org/10.1002/jmv.25699)
EPI_ISL_761349; EPI_ISL_761323; EPI_ISL_761324; EPI_ISL_761348; EPI_ISL_761344; EPI_ISL_761442; EPI_ISL_76144; EPI_ISL_76144; EPI_ISL_761343	Tropical Diseases & Microbiology	University of Verona, Department of Biotechnology	Antonio Mori et al
EPI_ISL_\$84072; EPI_ISL_\$72122; EPI_ISL_\$72120; EPI_ISL_\$72120; EPI_ISL_\$72121	IZSM	IZSM	Maurizio Viscardi et al
EPI_ISL_479938; EPI_ISL_480194; EPI_ISL_480029	Ibaraki Prefectural Institute of Public Health	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka et al C (https://www.medrxiv.org/content/10. 1101/2020.07.01.20143958v1)
EPI_ISL_481149; EPI_ISL_481199	Immunogenomics lab, Institute of Life Sciences, Bhubaneswar	Immunogenomics lab, Institute of Life Sciences, Bhubaneswar	Sunil Raghav et al
EP-[ISL_476704, EP-[ISL_476702	Incubadora Venezolana de Ciencia, Venezuela	Incubadora Venezolana de Ciencia, Venezuela / Instituto Nacional de Salud, Bogotá, Colombia / Grupo de Investigaciones Microbiológicas-UR (GIMUR), Departamento de Biología, Facultad de Ciencias Naturales, Universidad del Rosario, Bogotá, Colombia / Cahan School de Medicine at Mous Sinai. New York. USA	Alberto Paniz-Mondolfi et al
EPI ISL 413522	Indian Council of Medical Research - National Institute of Virology	Colombia / Icahn School of Medicine at Mount Sinai, New York, USA National Influenza Center, Indian Council of Medical Research - National Institute of Virology	Potdar V et al A (https://dx.doi.org/10.4103/ijmr.lJMR_663_20)
EPI IS. 41323	Indian Council of Medical Research-National Institute of Virology	National Influenza Center, Indian Council of Medical Research-National Institute of Virology	Potdar V et al A (https://dx.doi.org/10.4103/ijmr.JJMR 663 20)
EPI (SI, 63796), EPI (SI, 637102	Indian Council of Medical Research-National Institute of Virology,	Indian Council of Medical Research-National Institute of Virology. Microbial Containment Complex	Pragva D. Yadav et al A
at graculturina at graculturina	Microbial Containment Complex	пъвит совтъп от пъсвъи гъзсати гчания пънцис и чтокуу, писиона сонтавниев сипрвех	rouge or receive the dr. Pt

Infectious Disease and Tropical Medicine Research Center, Resistant
Tuberculosis Institute, Zahedan University of Medical Sciences,
Zahedan, Iran.
Genetics Research Center, University of Social Welfare and Rehabilitation Sciences
Zahedan, Iran. EPI ISL 596454 Zohreh Fattahi et al EPI ISL 496371: EPI ISL 496364: EPI ISL 496366: EPI ISL 496359: EPI ISL 496373: EPI ISL 496367: EPI ISL 496365: EPI ISL 496348: EPI ISL 496341: EPI ISL 496354: EPI ISL 496364: EPI ISL 4963640: EPI ISL 496375 Infectolab Andersen lab at Scripps Research SEARCH Alliance San Diego with Samuel Navarro Alvarez et al EP IS. 448276 EP IS. 420076 EP IS. 450076 EP IS. 450076 EP IS. 4500776 EP IS. 4714E P IS. 4714E P IS. 47141 EP IS. 47151 EP IS. 47151 EP IS. 488972 EP IS. 488776 EP IS. 488776 EP IS. 488776 EP IS. 48876 EP IS. 48876 EP IS. 488776 EP IS. 488 Institut Pasteur Dakar Institut Pasteur de Dakar Ndongo Dia et al EPI ISL 498238; EPI ISL 498239; EPI ISL 498252; EPI ISL 498231 Institut Pasteur de Dakar nstitut Pasteur de Dakar EP | SL_613435, EP | SL_613445, EP | SL_613432, EP | SL_613432, EP | SL_613432, EP | SL_613446, EP | SL_613446, EP | SL_613446, EP | SL_613447, EP | SL_613447 EPI_ISL_459969; EPI_ISL_459977; EPI_ISL_459965; EPI_ISL_459978; EPI_ISL_459978; EPI_ISL_459983; EPI_ISL_459984; EPI_ISL_459976; EPI_ISL_459976; EPI_ISL_459974; EPI_ISL_459972; EPI_ISL_459976; EPI_ISL_459974; EPI_ISL_459975; EPI_ISL_559756; EPI_ISL_559756 Marion Barbet et al A (https://dx.doi.org/10.1101/2020.06.23.165902) EPI ISL 417336; EPI ISL 508873; EPI ISL 508896 Institut des Agents Infectieux (IAI), Hospices Civils de Lyon CNR Virus des Infections Respiratoires - France SUD Institut für Virologie am Department für Hygiene, Mikrobiologie und Public Health Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences EPI ISL 583610 Alexandra Popa et al A Alexandra Popa et al B (https://dx.doi.org/10.1101/2020.07.15.204339 v1) Institut für Virologie am Department für Hygiene, Mikrobiologie und Public Health EPI_ISL_475827 Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences Alexandra Popa et al B (https://www.biorxiv.org/content/10.1101/2020.07.15.204339v1) EPI ISL 437990: EPI ISL 437932: EPI ISL 437915: EPI ISL 437991: EPI ISL 437986 Institut für Virologie am Department für Hygiene, Mikrobiologie und Public Health Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences EPI_ISL_508680; EPI_ISL_508697; EPI_ISL_508699; EPI_ISL_508690; EPI_ISL_508704; EPI_ISL_508704; EPI_ISL_508707; EPI_ISL_508694; EPI_ISL_508697; EPI_ISL_508697; EPI_ISL_508697; EPI_ISL_508696; EPI_ISL_508696; EPI_ISL_508696; EPI_ISL_508696; EPI_ISL_508697; EPI_ISL_508697 Institut für Virologie und Epidemiologie der Viruskrankheiten, Universitätsklinikum Tübingen Institut für Virologie und Epidemiologie der Viruskrankheiten, Universitätsklinikum Tübingen NGS Competence Center Tübingen, Institut für Medizinische Mikrobiologie und Hygiene, Universitätsklinikum Tübingen Institut für Virologie und Epidemiologie der Viruskrankheiten, Universitätsklinikum Tübingen EPI_ISL_485811; EPI_ISL_485813; EPI_ISL_485812; EPI_ISL_485810 NGS Competence Center Tübingen, Institut für Medizinische Mikrobiologie und Hygiene, Universitätsklinikum Tübingen Angeloy et al. et al EPI_ISL_574790 Institute for Infectious Diseases. University of Bern Institute for Infectious Diseases, University of Bern Michel C Koch et al Institute for Laboratory Diagnostics and Microbiology, Klinikum Klagenfurt am Worthersee EPI_ISL_583865; EPI_ISL_583856 Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences Alexandra Popa et al / EPI_ISL_677723; EPI_ISL_678253; EPI_ISL_678251 Institute for Lung Diseases in Children - Skopje Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov", Macedonian Academy of Sciences and Arts RCGEB - MASA et al. Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia EPI ISL 430439 Institute for Medical Research Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia EP I.S. 490103; EPI_I.S.1, 728165; EPI_I.S.1, 748106; EPI_I.S.1, 748306; EPI_I.S.1, 74830 Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia Institute for Medical Research, Infectious Disease Research Centre, National Institutes of Health, Ministry of Health Malaysia EPI_ISL_455790; EPI_ISL_455792; EPI_ISL_455791; EPI_ISL_455793 Mohd Noor Mat Isa et al EPI ISL 455567; EPI ISL 454605; EPI ISL 454606; EPI ISL 455568; EPI ISL 468691; EPI ISL 468656 Laboratory for advanced genomics Filin Rokić et al Institute for Public Health EPI ISL_492076; EPI_ISL_492083 Charite Universitatsmedizin Berlin, Institute of Virology Institute for Public Health of the Republic of North Macedonia Victor M Corman et al A EPI_ISL_733542; EPI_ISL_733566; EPI_ISL_733548; EPI_ISL_733549; EPI_ISL_733535; EPI_ISL_733566; EPI_ISL_733533; EPI_ISL_733561; EPI_ISL_707707 Institute for Urban Disease Control and Prevention COVID-19 Network Investigations (CONI) Alliance Kamolthin Atsawawaranunt et al Institute for Virology, University Hospital Duesseldorf, Medical Faculty.

Institute for Virology, University Hospital Duesseldorf, Medical Faculty, Heinrich-Heine-University Duesseldorf, Medical Faculty, Heinrich-H EPI_ISL_572330; EPI_ISL_572331; EPI_ISL_572333; EPI_ISL_572397; EPI_ISL_574259; EPI_ISL_573152 EP 18. 60224: EP 18. 002011 EP 18. 00205: EP Institute for Virology, University Hospital Essen Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf Olympia F. Anastasinu et al. EPI ISL 728346 Institute for medical Microbiology and clinical Hygene Institute for medical Microbiology and clinical Hygene Alioscha Tersteegen et al EPI ISL 728357 Institute for medical Microbiology and hospital Hygene Insitute for medical Microbiology and hospital Hygene Prof. Dr. Achim Kaasch et al FPI ISI 728348 Institute for medical Microbiology and hospital Hygene Institute for medical Microbiology and hospital Hygene Aljsocha Tersteegen et al EPI_ISL_728356; EPI_ISL_728351; EPI_ISL_728354 Institute for medical Microbiology and hospital Hygene Institute for medical Microbiology and hospital Hygene Prof. Dr. Achim Kaasch et al Institute of Clinical Microbiology and Hygiene, University Hospital Recenshura EPI_ISL_525472; EPI_ISL_525473 Institute of Clinical Microbiology and Hygiene, University Hospital Regensburg Hiergeist et al EPI_ISL_600524; EPI_ISL_600562 Institute of Epidemiology Disease Control And Research Institute for Developing Science and Health Initiatives EPI_ISL_582032; EPI_ISL_58203 Institute of Human Genetics, Polish Academy of Sciences EPI ISL 463029; EPI ISL 463058 Institute of Life Sciences, Bhubaneswar Immunogenomics lab, Institute of Life Sciences, Bhubaneswa Sunil Raghav et al Institute of Medical Genetics and Applied Genomics Institute of Medical Genetics and Applied Genomics Caspar Gross et al Institute of Medical Virology, University of Zurich Marie O. Pohl et al Institute of Medical Virology, University of Zurich Belen Prado-Vivar et al A (https://dx.doi.org/10.1101/2020. 06.11.20128330) EPI ISL 42256 Institute of Microbiology and Immunology, Faculty of Medicine, University of Ljubljana EPI_ISL_635200; EPI_ISL_635200 Institute of Microbiology and Immunology, Faculty of Medicine, University of Ljubljana EPI_ISL_635285; EPI_ISL_635285; EPI_ISL_635272; EPI_ISL_635272; EPI_ISL_635284; EPI_ISL_635284; EPI_ISL_635285; EPI_ISL_635285 Institute of Microbiology and Immunology, Faculty of Medicine, University of Ljubljana Institute of Microbiology and Immunology, Faculty of Medicine, University of Ljubljana Tomaž Mark Zorec et al Institute of Microbiology and Immunology, Faculty of Medicine, University of Liubliana EPI ISL 635204 The National Laboratory of Health, Environment and Food - Centre for Medical Microbiology Maribor Samo Zakotnik et al EPI_ISL_697794; EPI_ISL_539785; EPI_ISL_697787; EPI_ISL_697795 Belen Prado-Vivar et al B EP | St., 27610. EP | St., 527611. EP | St., 52796. EP | St., 52796. EP | St., 52790. EP | St., 52790. EP | St., 52700. EP | St., 52790. EP | St., 461939. E Belén Prado-Vivar et al Institute of Microbiology, Universidad San Francisco de Quito Institute of Microbiology, Universidad San Francisco de Quito EPI ISL 525430; EPI ISL 516649; EPI ISL 477016; EPI ISL 525435; EPI ISL 525431; EPI ISL 525437 Institute of Microbiology, Universidad San Francisco de Quito Juan José Guadalupe et al EPI_ISL_516650; EPI_ISL_516651; EPI_ISL_516652 Institute of Microbiology, Universidad San Francisco de Quito Institute of Microbiology, Universidad San Francisco de Quito Prado-Vivar et al EPI_ISL_728204; EPI_ISL_417482; EPI_ISL_680530; EPI_ISL_680530; EPI_ISL_680530; EPI_ISL_680530; EPI_ISL_680531; EPI_ISL_680531 Institute of Microbiology, Universidad San Francisco de Quito Institute of Microbiology, Universidad San Francisco de Quito Sully Márquez et al EPI ISL 548945; EPI ISL 548944; EPI ISL 548942; EPI ISL 548943; EPI ISL 548946 Institute of Microbiology, University of Veterinary and Animal sciences Institute of Microbiology, University of Veterinary and Animal sciences Yaqub et al EPI ISL 463008 Institute of Molecular Virology, University Münster Angeles Mecate Zambrano et al Institute of Pathogen Biology, Chinese Academy of Medical Sciences & Institute of Pathogen Biology, Chinese Academy of Medical Sciences & Peking Union Medical College Peking Union Medical College EPI_ISL_403929 Lili Ren et al (https://dx.doi.org/10.1093/cid/ciaa203/5780800 EPI_ISL_508385; EPI_ISL_508356; EPI_ISL_508368 National Institute of Biomedical Genomics - DBT's PAN-INDIA 1000 SARS--CoV-2 RNA Genome Sequencing Consortium EPI ISL 718256; EPI ISL 718255; EPI ISL 577740; EPI ISL 583487; EPI ISL 717975; EPI ISL 718259; EPI ISL 718257; EPI ISL 577742; EPI ISL 583488; EPI ISL 577741 Institute of Virology, Biomedical Research Center of the Slovak Academy of Sciences. Bratislava Faculty of Natural Sciences, Comenius University, Bratislava Broña Brejová et al Institute of Virology, Biomedical Research Center of the Slovak Academy of Sciences, Bratislava EPI_ISL_718250; EPI_ISL_583484; EPI_ISL_583482; EPI_ISL_718254; EPI_ISL_577735; EPI_ISL_577737; EPI_ISL_577739; EPI_ISL_583486; EPI_ISL_718252 Faculty of Natural Sciences, Comenius University, Bratislava Kristina Boršová et al Institute of Virology, Biomedical Research Center of the Slovak Academy of Sciences, Bratislava EPI_ISL_583483; EPI_ISL_583485; EPI_ISL_577736; EPI_ISL_577736; EPI_ISL_577736; EPI_ISL_583489; EPI_ISL_583481; EPI_ISL_718260; EPI_ISL_718258; EPI_ISL_718251; EPI_ISL_718253 Faculty of Natural Sciences, Comenius University, Bratislava

Institute of Virology, Biomedical Research Center of the Stovak
Academy of Sciences, Bratistava; Public Health Authority of the Stovak
Park, Bratistava

Institute of Virology, Biomedical Research Center of the Stovak Academy of Sciences, Bratistava; Comenius University Science
Park, Bratistava

Institute of Virology, Biomedical Research Center of the Stovak Academy of Sciences, Bratistava; Comenius University Science
Park, Bratistava

Institute of Virology, Biomedical Research Center of the Stovak Academy of Sciences, Bratistava; Comenius University Science
Park, Bratistava

Institute of Virology, Biomedical Research Center of the Stovak Academy of Sciences, Bratistava; Comenius University Science
Park, Bratistava

Institute of Virology, Biomedical Research Center of the Stovak Academy of Sciences, Bratistava; Comenius University Science
Park, Bratistava

Institute of Virology, Biomedical Research Center of the Stovak Academy of Sciences, Bratistava; Comenius University Science
Park, Bratistava

Institute of Virology, Biomedical Research Center of the Stovak Academy of Sciences, Bratistava; Comenius University Science
Park, Bratistava

Institute of Virology, Biomedical Research Center of the Stovak Academy of Sciences, Bratistava; Comenius University Science
Park, Bratistava

Institute of Virology, Biomedical Research Center of the Stovak Academy of Sciences, Bratistava

Institute of Virology, Biomedical Research Center of the Stovak Academy of Sciences, Bratistava

Institute of Virology, Biomedical Research Center of the Stovak Academy of Sciences, Bratistava

Institute of Virology, Biomedical Research Center of the Stovak Academy of Sciences, Bratistava

Institute of Virology, Biomedical Research Center of the Stovak Academy of Sciences, Bratistava

Institute of Virology, Biomedical Research Center of the Stovak Academy of Sciences, Bratistava

Institute of Virology, Biomedical Research Center of the Stovak Academy of Sciences, Biomedical Research Center of the Stovak Academy of Sciences, Biomedical Research EPI_ISL_417880; EPI_ISL_417878; EPI_ISL_417879; EPI_ISL_417877 Monika Slávikova et al EPI ISL 755643: EPI ISL 755651 Instituto Adolfo Lutz - Central Instituto Adolfo Lutz. Interdiciplinary Procedures Center. Strategic Laboratory EPI ISL 755641; EPI ISL 755647; EPI ISL 755646 Instituto Adolfo Lutz - Regional de Santo Andre Instituto Adolfo Lutz, Interdiciplinary Procedures Center, Strategic Laboratory EPI ISL 491203; EPI ISL 491224; EPI ISL 491230; EPI ISL 491204 Instituto Gulbenkian de Ciência Instituto Gulbenkian de Ciência Cathy Paulino et al EPI_ISL_491246; EPI_ISL_491248; EPI_ISL_491250; EPI_ISL_491242; EPI_ISL_491231; EPI_ISL_491259; EPI_ISL_491262; EPI_ISL_491233; EPI_ISL_491234; EPI_ISL_491249; EPI_ISL_491249 Instituto Gulbenkian de Ciência Joao Sobral et al Instituto Gulbenkian de Ciência EPI ISL 491185; EPI ISL 491189; EPI ISL 491190; EPI ISL 491191 Instituto Gulbenkian de Ciência João Costa et al Instituto Gulbenkian de Ciência EPI ISL 491297; EPI ISL 491275; EPI ISL 491288; EPI ISL 491268; EPI ISL 491280; EPI ISL 491277; EPI ISL 491281; EPI ISL 491294 Instituto Gulhenkian de Ciência Instituto Gulbenkian de Ciência Guillermo M. Ruiz-Palacios et al (https://dx.doi.org/10.1101/2020. 05.27.120402) EPI ISL 426362 Instituto Nacional de Ciencias Medicas y Nutricion Salvador Zubiran Instituto Nacional de Ciencias Medicas y Nutricion Salvador Zubiran Ramirez-Gonzalez Ernesto et al B (https://dx.doi.org/10.1007/s00705-020-04695-3) EPI_ISL_412972 Instituto Nacional de Enfermedades Respiratorias Instituto de Diagnostico y Referencia Epidemiologicos (INDRE) Instituto Nacional de Investigacion en Salud Pública EPI ISL 574294 Instituto Nacional de Investigación en Salud Pública Leandro Patino Patino et al EPI ISL 574293 Instituto Nacional de Investigación en Salud Pública Instituto Nacional de Investigación en Salud Publica Leandro Patino Patino et al EPI ISL 574292 Instituto Nacional de Investigación en Salud Pública Instituto Nacional de Investigación en Salud Pública Leandro Patino Patino et al EPI ISL 491953; EPI ISL 491950; EPI ISL 491949; EPI ISL 491947; EPI ISL 491945; EPI ISL 491944; EPI ISL 491946; EPI ISL 491948 Instituto Nacional de Investigación en Salud Pública - INSPI INSPI - Charité Alfredo Bruno Caicedo et al EPI ISL 522879 Instituto Nacional de Medicina Genómica Instituto Nacional de Medicina Genómica Hidalgo-Miranda A et al ED LIS, \$36465, ED LIS, \$36666, ED LIS, \$36666 Instituto Nacional de Salud Laboratorio de Infecciones Respiratorias Agudas Eduardo Juscamavta Lopez et al Instituto Nacional de Salud - Unidad de Secuenciación y Análisis Genómico EPI_ISL_456117; EPI_ISL_456119; EPI_ISL_456124; EPI_ISL_456153; EPI_ISL_456144; EPI_ISL_456151 Instituto Nacional de Salud, Universidad Cooperativa de Colombia, Instituto Alexander von Humboldt, Imperial College-London, London School of Hygiene & Tropical Medicine Katherine Laiton-Donato et al B (https://dx.doi.org/10.1101/2020. 06.02.20120782) Grupo de Investigaciones Microbiológicas-UR (GIMUR), Departamento de Biología, Facultad de Ciencias Naturales, Universidad del Rosario, Bogotá, Colombia Instituto Nacional de Salud, Bogotá, Colombia Icahn School of Medicine at Mount Sinai, New York, USA Juan David Ramírez et al (https://www.medrxiv.org/co 1101/2020.08.11.20125799v1) EPI ISL 447800: EPI ISL 447812: EPI ISL 447777: EPI ISL 447816 Instituto Nacional de Salud, Bogotá, Colombia EP | ISL _65374; EP | ISL _65376; EP | ISL _65376; EP | ISL _65376; EP | ISL _65303; EP | ISL _56392; EP | ISL _65379; EP | ISL _56379; EP | ISL _65379; EP | ISL _65379; EP | ISL _7997; EP | ISL _7997; EP | ISL _7997; EP | ISL _65379; EP | ISL Instituto Nacional de Salud Bogotá Colombia Instituto Nacional de Salud Bogotá Colombia Katherine I aiton-Donato et al A EP LS_1, 1997. (EP LS_4, 599000; EP LS_5, 599000; EP LS_5, 199000; EP LS_7, 1990000; EP LS_7, 199000; EP LS_ Instituto Nacional de Saude (INSA) Instituto Nacional de Saude (INSA) Borges et al et al EPI_ISL_511487; EPI_ISL_511508; EPI_ISL_511752; EPI_ISL_511507 Instituto Nacional de Saude (INSA) Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC) Borges et al et al Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC) EPI ISL 731897; EPI ISL 732162; EPI ISL 732285; EPI ISL 732195; EPI ISL 732234; EPI ISL 732237; EPI ISL 732123; EPI ISL 73213; EPI ISL 732219; EPI ISL 732139 Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC) Borges et al et al Laboratório Metabolismo Macromolecular FirminoTorres de Castro, Instituto de Biofisica Carlos Chagas Filho, Universidade Federal do Rio de Janeiro EPI_ISL_492048 Instituto de Biologia do Exército Bianca Catarina Azevedo Cabral et al EPI_ISL_658886; EPI_ISL_658901; EPI_ISL_576270; EPI_ISL_576209; EPI_ISL_658883; EPI_ISL_65887; EPI_ISL_658891; EPI_ISL_658880; EPI_ISL_658888; EPI_ISL_576273; EPI_ISL_493346; EPI_ISL_493346; EPI_ISL_493346; EPI_ISL_576270; Instituto de Diagnostico y Referencia Epidemiologicos (INDRE) Instituto de Diagnostico y Referencia Epidemiologicos (INDRE) Garces-Ayala Fabiola. Taboada Ramírez Blanca. Ramírez-Gonzalez Ernesto et al EPI_ISL_455435 Instituto de Diagnostico y Referencia Epidemiologicos (INDRE) Instituto de Diagnostico y Referencia Epidemiologicos (INDRE) EPI ISL 576261: EPI ISL 658875: EPI ISL 658870: EPI ISL 658865: EPI ISL 516611: EPI ISL 493338 Instituto de Diagnostico y Referencia Epidemiologicos (INDRE) Instituto de Diagnostico y Referencia Epidemiologicos (INDRE) Gisela Barrera-Badillo et al EPI_ISL_455456; EPI_ISL_455455 Instituto de Diagnostico y Referencia Epidemiologicos (INDRE) Instituto de Diagnostico y Referencia Epidemiologicos (INDRE) Rodriguez-Maldonado Abril et al EPI ISL 452141; EPI ISL 452139 Instituto de Diagnostico y Referencia Epidemiologicos (INDRE) Instituto de diagnóstico y Referencia Epidemiologicos (INDRE) Ramirez-Gonzalez Ernesto et al A EPI ISL 660068 Instituto de Diagnostico y Referencia Epidemiologicos (INDRE) Instituto de diagnóstico y Referencia Epidemiologicos (INDRE) Departamento de Virología Gisela Barrera-Badillo et al EPI_ISL_748142; EPI_ISL_748144; EPI_ISL_748140; EPI_ISL_748145 Instituto de Investigaciones Biológicas Clemente Estable Institut Pasteur de Montevideo Daiana Mir et al Instituto de Investigaciones Biomédicas de Barcelona (CSIC), Hospital Clínic i Provincial de Barcelona, Instituto de Biomedicina de Valencia (CSIC), Hospital de Sant Pau EPI ISL 510075; EPI ISL 510068 Anna M. Planas et al Instituto de Medicina Tropical, Universidad Nacional Toribio Rodríguez

Laboratorio de Genómica Microbiana, Universidad Peruana Cayetano Heredia EPI_ISL_729911; EPI_ISL_729871; EPI_ISL_729904; EPI_ISL_729907; EPI_ISL_729916; EPI_ISL_729909; EPI_ISL_729908; EPI_ISL_729906; EPI_ISL_729869 Pablo Tsukayama et a EP I.S. 64907: EP I.S. 443725. EP I.S. 449102. EP I.S. 149012. EP I.S. 74005; EP I.S. 74005; EP I.S. 740005. EP I.S. 740002. EP I.S. 740007. EP I.S. 470007; EP I.S. 64007; Israel Central Virology laboratory Israel Central Virology laboratory Neta Zuckerman et al EPI_ISL_594157 Galia Zaide et al Israel Institute for Biological Research Israel Institute for Biological Research EPI ISL 477193 Istituto Zooprofilattico Sperimentale Puglia e Basilicata; Beaconlab (Bioinformatics, Evolution and Comparative Genomics lab), Dept of Biosciences, University on Mila Parisi A. et al EPI ISL 477195: EPI ISL 477201 Beaconlab (Bioinformatics, Evolution and Comparative Genomics lab), Dept of Biosciences, University on Milan Parisi A. et al Istituto Zooprofiattico Sperimentale Puglia e Basilicata; Dipartimento di Bioscienze, Biotecnologie e Biofarmaceutica dell'Università degli Studi di Bari "A.Moro"; Istituto di Biomembrane. Bioenergefica e Biotecnologie Molecolari del Consiglio Nazionale delle Ricerche di Bari EPI ISL 525574; EPI ISL 527380; EPI ISL 525565; EPI ISL 525667; EPI ISL 525563; EPI ISL 525564; EPI ISL 525564 Beaconlab (Bioinformatics, Evolution and Comparative Genomics lab), Dept of Biosciences, University on Milan Parisi A. et al EPI_ISL_736887; EPI_ISL_736857; EPI_ISL_736850; EPI_ISL_736854; EPI_ISL_736853; EPI_ISL_736970; EPI_ISL_736827; EPI_ISL_736847; EPI_ISL_736856; EPI_ISL_736828; EPI_ISL_736833 Istituto Zooprofilattico Sperimentale del Mezzogiorno in alphabetical order - Patrizia Annunziata et al EPI_ISL_683784; EPI_ISL_683786; EPI_ISL_69191; EPI_ISL_722916; EPI_ISL_722916; EPI_ISL_722915; EPI_ISL_722904; EPI_ISL_722904; EPI_ISL_722888; EPI_ISL_722807; EPI_ISL_722907; EPI_ISL_683786; EPI_ISL_722907; EPI_ISL_683786; EPI_ISL_722907; Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata Parisi A. et al Fahd Al-Mulla et al EPI_ISL_422427; EPI_ISL_422426 JABER AL AHMAD AL SABAH HOSPITAL - KUWAIT CITY Daeman Diahatae Institute EPI_ISL_422424 Jaber Al Ahmad Al Sabah Hospital Dasman diabetes Institute Fahd Al-Mulla et a -lade Wang et al EPI_ISL_631767 EPI_ISL_450792; EPI_ISL_450798 EPI_ISL_450794; EPI_ISL_450793; EPI_ISL_450796; EPI_ISL_450795; EPI_ISL_450799; EPI_ISL_450797 Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention Jamil-ur-Rahman Center for Genome Research, Dr. Panjwani Center for Molecular Medicine and Drug Research, International Center for Molecular Medicine and Drug Research, International Center for Chemical and Biological Sciences, University of Karachi
Center for Chemical and Biological Sciences, University of Karachi Tsuyoshi Sekizuka et al D (https://dx.doi.org/10.1101/2020. 03.23.20041970) EPI_ISL_416629; EPI_ISL_416632; EPI_ISL_416631; EPI_ISL_416569; EPI_ISL_416580 Pathogen Genomics Center, National Institute of Infectious Diseases Jena University Hospital, Institute for Infectious Diseases and Infection Institute for infectious medicine & hospital hygiene, CaSe-Group Control FPI ISI 728288 Snott et al EPI_ISL_78008; EPI_ISL_72834; EPI_ISL_72834; EPI_ISL_728337; EPI_ISL_728337; EPI_ISL_728338; EPI_ISL_728331; EPI_ISL_728331; EPI_ISL_728332; EPI_ISL_728321; EPI_ISL_728321; EPI_ISL_728302; EPI_ISL_728302; EPI_ISL_728303; EPI_ISL_728304; EPI_ISL_728304; EPI_ISL_728341; E Jena University Hospital, Institute for Infectious Diseases and Infection Control Institute of infectious medicine & hospital hygiene, CaSe-Group Spott et al Jena University Hospital; Institute for Infectious Diseases and Infection Institute of infectious medicine & hospital hygiene, CaSe-Group Control EPI ISL 632938 Spott et al EPI ISL 45546 Jiangxi Province Center for Disease Control and Prevention Jiangxi Province Center for Disease Control and Prevention EPI_ISL_457871; EPI_ISL_457875; EPI_ISL_457874; EPI_ISL_457916; EPI_ISL_457876; EPI_ISL_457853; EPI_ISL_457847; EPI_ISL_457845; EPI_ISL_457846; EPI_ISL_457856; EPI_ISL_457867 KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi Githinji G. et al 2020 et al (https://virological.org/Vintroduction-and-local-transmission-of-sars-cov-2-cases-in-kenya/497) KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi EPI_ISL_457932; EPI_ISL_457933; EPI_ISL_457934 EPI_ISL_568702; EPI_ISL_568804; EPI_ISL_568805; EPI_ISL_568805; EPI_ISL_568805; EPI_ISL_568806; EPI_ISL_568806 KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi Githinii et al 2020 et al EPI_ISL_660221; EPI_ISL_660229; EPI_ISL_660231; EPI_ISL_660230; EPI_ISL_660228; EPI_ISL_660258; EPI_ISL_660257 KRISP, KZN Research Innovation and Sequencing Platform KRISP, KZN Research Innovation and Sequencing Platform Giandhari J et al

EPI_ISL_407976; EPI_ISL_415199; EPI_ISL_418797	KU Leuven, Clinical and Epidemiological Virology	KU Leuven, Clinical and Epidemiological Virology	Bert Vanmechelen et al (https://dx.doi.org/10.1101/2020.05.05.078758)
EPJ.ISL.417429	KU Leuven, Clinical and Epidemiological Virology	KU Leuven, Clinical and Epidemiological Virology	Joan Marti-Carerras et al (https://dx.doi.org/10.1101/2020.05.05.078758)
EPI ISI. 420399; EPI ISI. 420399; EPI ISI. 420374; EPI ISI. 420414	KU Leuven. Clinical and Epidemiological Virology	KU Leuven. Clinical and Epidemiological Virology	Joan Marti-Carreras et al (https://dx.doi.org/10.1101/2020.05.05.078758)
EP I.S., 444075; EP I.S., 462193; EP I.S., 462224; EP I.S., 478995; EP I.S., 47895;	KU Leuven. Rega Institute. Clinical and Epidemiological Virology	KU Leuven, Rega Institute, Clinical and Epidemiological Virology	Tony Wawina-Bokalanoa et al
EP	Kafkas University, Faculty of Medicine, Department of Medical Microbiology	Kafkas University. Faculty of Medicine. Department of Medical Microbiology	Murat Karamese et al
EPI_ISL_745197	Kakatiya Medical College	CSIR-Centre for Cellular and Molecular Biology	Dr.V.Sudha Rani et al
EPI_ISL_648164	Kalmar klinisk mikrobiologi	The Public Health Agency of Sweden	Anna-Malin Linde et al
EPI_ISL_510822; EPI_ISL_510865	Kalmar klinisk mikrobiologi	The Public Health Agency of Sweden	Oskar Karlsson Lindsjo et al
EPI_SL_465871; EPI_SL_465893; EPI_SL_465894; EPI_SL_464878; EPI_SL_465899; EPI_SL_915086	Karolinska Universitetslaboratoriet	The Public Health Agency of Sweden	Anna-Malin Linde et al
EPI_ISL_475588; EPI_ISL_475544; EPI_ISL_475546; EPI_ISL_475547; EPI_ISL_475547; EPI_ISL_475969; EPI_ISL_475968; EPI_ISL_510861	Karolinska Universitetslaboratoriet	The Public Health Agency of Sweden	Oskar Karlsson Lindsjo et al
EPI_ISL_560984; EPI_ISL_534235; EPI_ISL_560983	Karolinska universitetslaboratoriet SOLNA	The Public Health Agency of Sweden	Anna-Malin Linde et al
EPI_ISL_754082; EPI_ISL_754085; EPI_ISL_754084; EPI_ISL_754083; EPI_ISL_754087	Kathmandu University	Nepal Health Research Council	Pradip Gyanwali et al
EPI_ISL_442044	Kawsar Human Genetic Research Center	Kawsar Human Genetic Research Center	Mohammad Ali Khosravi et al
EPIJSL_489294; EPIJSL_489287; EPIJSL_489288; EPIJSL_489290; EPIJSL_489295; EPIJSL_489295	Keio University Hospital	Keio University Hospital	Kenjiro Kosaki et al A
EPIJSL_439899	Keio University School of Medicine	Keio University School of Medicine	Kenjiro Kosaki et al B (https://dx.doi.org/10.1101/2020.05.21.20107599)
EPI_ISL_512816; EPI_ISL_512821; EPI_ISL_512829; EPI_ISL_512819; EPI_ISL_512817; EPI_ISL_512814; EPI_ISL_512815; EPI_ISL_512815; EPI_ISL_512811; EPI_ISL_512813; EPI_ISL_512818	Kenema Government Hospital, Ministry of Health and Sanitation	Kenema Government Hospital, Ministry of Health and Sanitation	Goba et al
EPI_ISL_745111	Khayelitsha (Site B) CHC wc KHC	National Health Laboratory Service (NHLS), Tygerberg	Susan Engelbrecht et al
EPI_ISL_745115	Khayelitsha Hospital wc KHA	National Health Laboratory Service (NHLS), Tygerberg	Susan Engelbrecht et al
EPI_ISL_48998; EPI_ISL_480011; EPI_ISL_480000; EPI_ISL_489097; EPI_ISL_490000; EPI_ISL_490011; EPI_ISL_490000; EPI_ISL_490000; EPI_ISL_490000; EPI_ISL_490000	King Fahad Medical City	King Fahad Medical City	Alosaimi et al
EPI (S., 485505; EPI (S., 485505; EPI (S., 485505; EPI (S., 485505; EPI (S., 485507; EPI (S., 485504; EPI (S., 485504; EPI (S., 485504; EPI (S., 485505; EPI (S	Kingdom of Bahrein Ministry of Health	Erasmus Medical Center	Bas Oude Munnink et al
ET_1S102507_ET_1S102507_ET_1S102507_ET_1S102507_ET_1S1025005_ET_1S1025005_ET_1S102507_	Kingston Health Sciences Centre / Queen's University	Ontario Institute for Cancer Research	Prameet M. Sheth et al
EPI_ISL_41921	Klinik Hirslanden Zurich	Institute of Medical Virology, University of Zurich	Stefan Schmutz et al B (https://dx.doi.org/10.1002/jmv.25773)
FI ISL 684984	Klinisk Mikrobiologi	The Public Health Agency of Sweden	Anna-Malin Linde et al
EP ISL 678000, EP ISL 678001; EP USL 678402 EP USL 678498	Klinisk Mikrobiologi	The Public Health Agency of Sweden	Department of Microbiology et al
EPI ISL (66460); EPI ISL (66017); EPI ISL (66460; EPI ISL (66464); EPI ISL (66464); EPI ISL (660419	Klinisk mikrobiologi	The Public Health Agency of Sweden	Anna-Malin Linde et al
EP I.S., 710002; EPI.I.S., 710007; EPI.I.S., 61276; EPI.I.S., 661277; EPI.I.S., 67802; EPI.I.S., 678020; EPI.I.S., 678020; EPI.I.S., 678020; EPI.I.S., 710000; EPI.I.S., 710000; EPI.I.S., 678031; EPI.I.S., 678032; EPI.I.S., 710000; EPI.I.S., 71000	•		Department of Microbiology et al
	Klinisk mikrobiologi	The Public Health Agency of Sweden	
EPI_ISL_623092	Klinisk mikrobiologi Lanssjukhuset Ryhov, Jonkoping	The Public Health Agency of Sweden	Anna-Malin Linde et al
EPI_ISL_648173; EPI_ISL_648169	Klinisk mikrobiologi NAL Trollhattan	The Public Health Agency of Sweden	Anna-Malin Linde et al
EPI_ISL_51084; EPI_ISL_510870	Klinisk mikrobiologi NAL Trollhattan	The Public Health Agency of Sweden	Oskar Karlsson Lindsjo et al
EPI_ISL_982806, EPI_ISL_948199, EPI_ISL_928207	Klinisk mikrobiologi SAS Boras	The Public Health Agency of Sweden	Anna-Malin Linde et al
EPI_ISL_66497; EPI_ISL_68287	Klinisk mikrobiologi Vasternorrland	The Public Health Agency of Sweden	Anna-Malin Linde et al
EPI_SL_710594	Klinisk mikrobiologi Vasternorrland	The Public Health Agency of Sweden	Department of Microbiology et al
EPI_SL_51088	Klinisk mikrobiologi Vasternorrland	The Public Health Agency of Sweden	Oskar Karlsson Lindsjo et al
EPI_ISL_548252	Klinisk mikrobiologi centralsjukhuset Karlstad	The Public Health Agency of Sweden	Anna-Malin Linde et al
EPI_ISL_510823; EPI_ISL_510822	Klinisk mikrobiologi centralsjukhuset Karlstad	The Public Health Agency of Sweden	Oskar Karlsson Lindsjo et al
EPI_ISL_429124	Klinisk mikrobiologi och vardhygien Halmstad	The Public Health Agency of Sweden	Arne Kotz et al
EPI_ISL_534256	Klinisk mikrobiologi, Laboratoriemedicin Gavleborg	The Public Health Agency of Sweden	Anna-Malin Linde et al
EPIJSL_623085; EPI_ISL_623081; EPI_ISL_623080	Klinisk mikrobiologi, Skanes universitetssjukhus, Lund	The Public Health Agency of Sweden	Anna-Malin Linde et al
EPI_ISL_45904	Klinisk mikrobiologi, UAS	The Public Health Agency of Sweden	Anna-Malin Linde et al
EPI_ISL_534245	Kliniskt mikrobiologiska laboratoriet	The Public Health Agency of Sweden	Anna-Malin Linde et al
EPI_ISL_615110; EPI_ISL_615118; EPI_ISL_660413; EPI_ISL_660402; EPI_ISL_660402; EPI_ISL_694152; EPI_ISL_615117	Klinsisk mikrobiologi Linkoping	The Public Health Agency of Sweden	Anna-Malin Linde et al
EPI_JSL_676519; EPI_JSL_676512	Klinsisk mikrobiologi Linkoping	The Public Health Agency of Sweden	Department of Microbiology et al
EPI_ISL_510874; EPI_ISL_510875	Klinsisk mikrobiologi Linkoping	The Public Health Agency of Sweden	Oskar Karlsson Lindsjo et al
EPLISL_407193	Korea Centers for Disease Control & Prevention (KCDC) Center for Laboratory Control of Infectious Diseases Division of Viral Diseases	Korea Centers for Disease Control & Prevention (KCDC) Center for Laboratory Control of Infectious Diseases Division of Viral Diseases	Jeong-Min Kim et al C
EPI_ISL_745109	Kraaifontein CHC wc KFP	National Health Laboratory Service (NHLS), Tygerberg	Susan Engelbrecht et al
EPI_ISL_516181; EPI_ISL_516246; EPI_ISL_516246; EPI_ISL_516183; EPI_ISL_516182	Kumasi Centre for Collaborative Research in Tropical Medicine, Kumasi.	Institute of Virology, Charité – Universitätsmedizin Berlin	Augustina Sylverken et al
EPI_ISL_735492	Kumilla Medical College	Central Biological Research Laboratory and Department of Biochemistry and Molecular Biology	Robiul Hasan Bhuiyan et al
EP_ISL_434644	Kungsholmsdoktorn	The Public Health Agency of Sweden	Linus Hammar et al
EPI (SL 475530	Kungsors VC	The Public Health Agency of Sweden	Oskar Karlsson Lindsio et al
EP JSL 509931	L'Hôpital Nord-Ouest Tarare-Grandris	CNR Virus des Infections Resoiratoires - France SUD	Antonin Bal et al
EPI ISL 418240	LABM GH nord Essonne	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Mélanie Albert et al A (https://dx.doi.org/10.1101/2020.04.24.059576)
ET_US_1 184001 FP IS_445271	LABORATORIO CLINICA CHILLAN	Instituto de Salud Publica de Chile	Andrés E Castillo et al
EPI_DC_4402/1 EPI_SL_682276; EPI_ISL_682277	LABORATORIO CEINICA CHILLIAN LABORATORIOS LABIN	Inciensa, Instituto Costarricense de Investigación y Enseñanza en Nutrición y Salud	Andres E. Castillo et al Francisco Duarte et al
EP IS, 7/19/17, EP JSL, 7/19/12	LACEN Dr. Francisco Rimolo Neto LACEN RJ - Noel Nutels	Bioinformatics Laboratory / LNCC	Carolina M Voloch et al Carolina M Voloch et al
EP 15. 777803		Bioinformatics Laboratory / LNCC	
EPI/SL_415128	LACEN/ES - Laboratório Central de Saúde Pública do Espírito Santo	, ., ., ., ., ., ., ., ., ., .,	Paola Resende et al A (https://dx.doi.org/10.1101/2020.06.17.158008)
EPI_ISL_572396; EPI_ISL_572395; EPI_ISL_572391	LACENIPE	WallauLab, Aggeu Magaihaes Institute	Marcelo Henrique Santos Paiva et al
EPLISL_541374	LACEN/SE	Laboratory of Respiratory Viruses and Measles, Oswaldo Cruz Institute, FIOCRUZ	Paola Resende et al B
EPI_ISL_488226	LIC	LIC	LIC et al
EPI_ISL_460049, EPI_ISL_469053; EPI_ISL_469051	LNR National Reference Laboratory, Mohammed VI University of Health Sciences	Medical Biotechnology Laboratory, Rabat Medical and Pharmacy School, Mohammed The Vth University in Rabat	Meriem LAAMARTI et al A (https://www.biorxiv.org/content/10. 1101/2020.08.30.181123v1)

LNR National Reference Laboratory, Mohammed VI University of Medical Biotechnology Laboratory, Rabat Medical and Pharmacy School, Mohammed The Vth University in Rabat Health Sciences EPI ISL 482737; EPI ISL 482740 Meriem LAAMARTI et al B LNR National Reference Laboratory, Mohammed VI University of Health Sciences EPI_ISL_728236 Medical Biotechnology Laboratory, Rabat Medical and Pharmacy School, Mohammed The Vth University in Rabat Souad KARTTI et al EPI_ISL_481223; EPI_ISL_634878; EPI_ISL_718011; EPI_ISL_718015; EPI_ISL_718014; EPI_ISL_451164; EPI_ISL_468734; EPI_ISL_434352; EPI_ISL_717590; EPI_ISL_718000 Laurens Lambrechts et a EPI_ISL_718016; EPI_ISL_451175; EPI_ISL_468740; EPI_ISL_468746; EPI_ISL_434361; EPI_ISL_717983; EPI_ISL_718005 EPI ISL 425055 Nick Vereecke et al B (https://dx.doi.org/10.1101/2020.05.05.078758) EPI_ISL_456202; EPI_ISL_456390 LabPLUS Institute of Environmental Science and Research (ESR) EP IS, 758331 [P] ISL 083356; EP ISL 083256; EP ISL 587314; EP ISL, 691251; EP ISL, 549106; EP ISL, 549106; EP ISL, 549006; EP ISL, 54907; EP ISL, 54907; EP ISL, 54900; EP ISL, 54907; EP LabPLUS Institute of Environmental Science and Research (ESR) Xiaovun Ren et al EPI_ISL_548105; EPI_ISL_548104; EPI_ISL_579422 LabTests Institute of Environmental Science and Research (ESR) Xiaovun Ren et al EPI_ISL_593905 I sho Anshese Med Sarrelles National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris Sylvie Behilfil et al Heinrich Pette Institute, Leibniz Institute for Experimental Virology Lahor Kneißler GmbH & Co. KG Thomas Günther et al. ET US. 428990 ET US. 42870 ET US. 428900 ET US. 45900 ET Laboratoire National de Sante Microbiology Virology Laboratoire National de Sante, Microbiology, Epidemiology and Microbial Genomics Anke Wienecke-Baldacchino et al Er_ 1.05.__462904, Er_ 1.05.__494904, Er_ 1.05.__494904, Er_ 1.05.__496996, EP_ 1.05.__462994; EP_ 1.05.__462996; EP_ 1.05.__46 EPI_ISL_413593 Laboratoire National de Santé Erasmus Medical Center EPI_ISL_419586; EPI_ISL_419581; EPI_ISL_419583; EPI_ISL_419582; EPI_ISL_419588; EPI_ISL_419582 Laboratoire National de Santé, Microbiology, Virologi Laboratoire National de Santé, Microbiology, Epidemiology and Microbial Genomics EPI_ISL_417528; EPI_ISL_417530 Laboratoire Nationale de Santé, Microbiology, Epidemiology and Microbial Genomics Anke Wienecke-Baldacchino et a EPI_ISL_754147; EPI_ISL_754171; EPI_ISL_754172 National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris EPI ISL 443287 Laboratoire de Microbiologie - Bât A - CH René Dubois EP | SL_600474; EP | SL_600505; EP | SL_600572; EP | SL_600527; EP | SL_600527; EP | SL_600577; EP | SL_600575; EP | SL_600575; EP | SL_600572; EP | SL_600572 Laboratoire de Microbiologie CHU Souro Sanou Abdoul-Salam Ouedraogo et a EPI_ISL_712568; EPI_ISL_712065; EPI_ISL_712068; EPI_ISL_712064; EPI_ISL_712068; EPI_ISL_712067; EPI_ISL_712069 Laboratoire de Microbiologie- CHU Habib Bourquiba - Sfax adresse Laboratoire des Procédés de Criblage Moléculaire et Cellulaire-Centre de Biotechnologie de Sfax Souissi et al Laboratoire de Recherche et d'Analyses Médicales de la Gendarmerie

Laboratoire de Recherche et d'Analyses Médicales de la Gendarmerie Royale

Royale Sanaå LEMRISS et al EPI ISL 476029 Laboratoire de Recherche et d'Analyses Médicales de la Gendarmerie

Laboratoire de Recherche et d'Analyses Médicales de la Gendarmerie

Royale EPI ISL 476024; EPI ISL 476026 EPI_ISL_754843; EPI_ISL_754845; EPI_ISL_754846; EPI_ISL_754844 Laboratoire de Virologie Hôpital Robert Debré National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris Laboratoire de Virologie Institut de Virologie - INSERM U 1109 Hôpitaux Universitaires de Strasbourg National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris Mélnie Albert et al (https://dx.doi.org/10.1101/2020.04.24.059576) EPI ISL 414600; EPI ISL 414623 EPI_ISL_548212 Laboratoire de Virologie, HUG Swiss National Reference Centre for Influenza LAUBSCHER F. et al EPI ISL 413997; EPI ISL 414021; EPI ISL 414022; EPI ISL 413999; EPI ISL 413996; EPI ISL 414020; EPI ISL 414019 Laboratoire de Virologie, HUG Swiss National Reference Centre for Influenza I AUBSCHER Florian et al. et al. EPI ISL 765479 Laboratoire de Virologie, Hôpital Robert Debré National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris Marion Barbet et al B EPI_ISL_515204; EPI_ISL_515221 Laboratoire de microbiologie, Hopital de Verdun Smith Laboratory. Centre de Recherche CHU Sainte-Justine Martin Smith et al Yadouleton et al. (https://www.medrxiv.org/content/10.1101/2020. 06.29.20140749v1) EPI_ISL_476833; EPI_ISL_476829; EPI_ISL_476830; EPI_ISL_476831; EPI_ISL_476823; EPI_ISL_476828; EPI_ISL_476824; EPI_ISL_476824; EPI_ISL_476825; EPI_ISL_476826; EPI_ISL_476826; EPI_ISL_476827; EPI_ISL_476827 Charité-Universitätsmedizin Berlin EPI_ISL_629081; EPI_ISL_629084; EPI_ISL_629082; EPI_ISL_629083; EPI_ISL_629085 EPI_ISL_739700; EPI_ISL_740129; EPI_ISL_744295; EPI_ISL_744819 Laboratoire national de santé. Microbiology. Epidemiology and Microbial Genomics EP IS, 7400026 EP IS, 744139 EP IS, 740006 EP IS, 749035 EP IS, 740005 EP IS, 746005 EP IS, 744005 EP IS, 744415 EP IS, 744105 EP IS, 744012 EP IS, 744139 EP IS, 744105 EP IS, 744013 EP IS, 744013 EP IS, 744105 E Laboratoire national de santé, Microbiology, Microbial Genomics Platform Anke Wienecke-Baldacchino et al Laboratoire national de santé Microbiology Virology EPI_ISL_429133 The Public Health Agency of Sweden Olov Svartstrom et al EPI ISL 676538 Laboratoriemedicin, Klinisk mikrobiologi The Public Health Agency of Sweden Department of Microbiology et al Laboratorio Biologia Molecolare Sars Cov2 - UOC Laboratorio Analisi -Servizio Medicina di Laboratorio, Ospedale "San Francesco" - ATS-Laboratorio specialistico UOC Ematologia - Ospedale "San Francesco" - ATS-ASSL Nuoro EPI_ISL_613955; EPI_ISL_613706; EPI_ISL_614889 Piras Giovanna et al Laboratorio Central de Saude Publica do Estado do Río Grande do Sul (LACEN-RS)

Laboratory of Respiratory Viruses and Measles, Oswaldo Cruz Institute, FIOCRUZ EPI_ISL_729858; EPI_ISL_729860; EPI_ISL_729855; EPI_ISL_729852; EPI_ISL_729861; EPI_ISL_729815; EPI_ISL_729847 Paola Resende et al E Irma López Martinez et al (https://dx.doi.org/10.1101/2020. 05.27.120402) Laboratorio Estatal de Salud Publica del Estado de México Instituto de Diagnóstico y Referencia Epidemiológicos EPI_ISL_42466 Gisela Barrera Badillo et al (https://dx.doi.org/10.1101/2020. 05.27.120402) EPI_ISL_424670 Laboratorio Estatal de Salud Publica del Estado de Queretaro Instituto de Diagnóstico y Referencia Epidemiologicos EPI ISL 480328 Laboratorio LABIN Andres Moreira-Soto et al Charité Virology-University of Costa Rica EPI_ISL_457965; EPI_ISL_457965; EPI_ISL_457965; EPI_ISL_457965; EPI_ISL_457967; EPI_ISL_457967; EPI_ISL_457969; EPI_ISL_460437; EPI_ISL_460435; EPI_ISL_460435; EPI_ISL_460435; EPI_ISL_460435; EPI_ISL_460435; EPI_ISL_460435; EPI_ISL_460436; EPI_ISL_460436 Laboratorio de Biología Molecular Asociación Española Primera en Salud Departments of Pathology and Medicine, New York University School of Medicine Laboratorio de Infectologia Servicio de Infectologia Hospital
Universitario Dr. José Eleuterio Genzález - Universidad Autónoma de
Nuevo León
Autónoma de Nuevo León EPI ISL 64859 Kame A. Galán-Huerta et al EP ISL 646316; EPI ISL 646316; EPI ISL 646316; EPI ISL 646334; EPI ISL 646335; EPI ISL 646335; EPI ISL 646335; EPI ISL 646337; EPI ISL 646376; Laboratorio de Investigaciones de Baney University Hospital Basel, Clinical Bacteriology Carlos Cortes et al Laboratorio de Referencia Nacional de Virus Respiratorio. Centro Nacional de Salud Publica. Instituto Nacional de Salud Peru. Laboratorio de Referencia Nacional de Biotecnología y Biología Molecular. Centro Nacional de Salud Publica. Instituto Nacional de Salud Peru. EPI ISL 523979; EPI ISL 527789; EPI ISL 523954; EPI ISL 516646 Carlos Padilla Rojas et al 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 et al EPI_ISL_514340; EPI_ISL_514339; EPI_ISL_491428; EPI_ISL_491458; EPI_ISL_491435 Laboratorio de Referencia Nacional de Virus Respiratorio. Instituto Nacional de Salud. Peru EPI_ISL_514227 Laboratorio de Referencia Nacional de Biotecnologia y Biologia Molecular. Instituto Nacional de Salud. Peru Carlos Padilla Rojas et al EPI_ISL_54099; EPI_ISL_520907; EPI_ISL_56980; EPI_ISL_56980; EPI_ISL_540990; E Laboratorio de Referencia Nacional de Virus Respiratorios, Instituto Nacional de Salud Peru Laboratorio de Genómica Microbiana. Universidad Peruana Cavetano Heredia Pablo Tsukayama et al EPI ISL 470622; EPI ISL 470643 Laboratorio de Virologia Molecular / UFRJ Bioinformatics Laboratory / LNCC Alexandra Gerber et al (https://dx.doi.org/10.1126/science.abd2161) EP ISL 623136; EPI ISL 623137; EPI ISL 717896; EPI ISL 717876; EPI ISL 717876; EPI ISL 717886; EPI_ISL_430814; EPI_ISL_430811; EPI_ISL_430812; EPI_ISL_430809; EPI_ISL_430807; EPI_ISL_430803; EPI_ISL_430809; EPI_ISL_430807; EPI_ISL_430803; EPI_ISL_430809; EPI_ISL_430809; EPI_ISL_430807; EPI_ISL_430803; EPI_ISL_430809; EPI_ISL_430809; EPI_ISL_430807; EPI_ISL_430809; EPI_ISL_430809 Laboratorio de Virología del Hospital de Niños Dr. Ricardo Gulierrez Área de Secuenciación del Laboratorio de Virología del Hospital de Niños Dr. Ricardo Gulierrez Nabaes Jodar et al A (https://dx.doi.org/10.1101/2020.05.23.20111443) EPI_ISL_430813; EPI_ISL_430795; EPI_ISL_430800 Laboratorio de Virología del Hospital de Niños Dr. Ricardo Gutierrez Área de Secuenciación del Laboratorio de Virología del Hospital de Niños Dr. Ricardo Gutierrez

Laboratorio de Virologia y Microbiología Molecular, Depto. de Microbiología Molecular, Depto. de Microbiología, Facultad de Medicina, Universidad de El Salvadori/INS-laboratorio de Ref. Ministerio de Salud EPI ISL 671974 Molecular Genetics Laboratory-Faculty of Medicine-Universitas Padjadjaran; School of Life Sciences and Technology & School of Marselina Irasonia Tan et al Pharmacy-Institut Teknologi Bandung; Laboratorium Kesehatan Provinsi Jawa Barat FPI ISI 511879 Laboratorium Kesehatan Provinsi Jawa Barat School of Life Sciences and Technology & School of Pharmacy-Institut Teknologi Bandung; Molecular Genetics Laboratory-Family of Medicine-I Iniversitias Padiadiaran: Laboratorium Kesehatan Provinsi Jawa Barat EPI ISL 528745 EPI (SL_514426; EPI (SL_541655; EPI (SL_541655; EPI (SL_541655; EPI (SL_541650; EPI (SL_541650 Laboratory Diagnostic, Veterinary Specialized Institute Kralievo Laboratory Diagnostic, Veterinary Specialized Institute Kralievo Vidanovic et al Laboratory Diagnostics and Clinical Immunology of Developmenta Age, Medical University of Warsaw genXone SA, Research & Development Laboratory; The Faculty of Mathematics, Informatics and Mechanics of the University of EPI_ISL_754907; EPI_ISL_754904; EPI_ISL_754908; EPI_ISL_754912; EPI_ISL_754910; EPI_ISL_754905; EPI_ISL_754902; EPI_ISL_754913; EPI_ISL_754909 Maciei Sykulski et al EPI_ISL_464093; EPI_ISL_444274; EPI_ISL_462178; EPI_ISL_462179; EPI_ISL_667809; EPI_ISL_660543; EPI_ISL_660545; EPI_ISL_464094; EPI_ISL_660544 Laboratory Medicine Department of Laboratory Medicine, Lin-Kou Chang Gung Memorial Hospital, Taoyuan, Taiwar Kuo-Chien Tsao et al A Kuo-Chien Tsao et al B (https://dx.doi.org/10.1080/22221751. 2020.1782271) EPI_ISL_417518; EPI_ISL_415742; EPI_ISL_415743; EPI_ISL_415741; EPI_ISL_417522; EPI_ISL_424969 Laboratory Medicine Department of Laboratory Medicine, Lin-Kou Chang Gung Memorial Hospital, Taoyuan, Taiwan Kuo-Chien Tsao et al B (https://dx.doi.org/10.1080/22221751. 2020.1782271) Department of Laboratory Medicine, Lin-Kou Chang Gung Memorial Hospital, Taoyuan, Taiwan Laboratory for Respiratory Viruses, Cantacuzino National Military-Medical Institute for Research and Development EPI_ISL_445243; EPI_ISL_455477; EPI_ISL_455474; EPI_ISL_455475; EPI_ISL_455470; EPI_ISL_455472; EPI_ISL_455469; EPI_ISL_455468; EPI_ISL_455471; EPI_ISL_455476 Laboratory for Respiratory Viruses, Cantacuzino National Military-Medical Institute for Research and Development EPI ISL 754238 Cantacuzino Institute Virology Luiza Ustea et al Laboratory for Respiratory Viruses, National Influenza Centre, Cantacuzino National Military-Medical Institute for Research and Development EPI_ISL_471418; EPI_ISL_471424; EPI_ISL_471416; EPI_ISL_471417; EPI_ISL_471419; EPI_ISL_471420; EPI_ISL_471422; EPI_ISL_471423; EPI_ISL_471423; EPI_ISL_471421 Cantacuzino Institute Luiza Ustea et al Laboratory for Urgent Response to Biological Threats Institut Pasteur CIBU /ERI EPI ISL 437690 V. Caro et al EPI_ISL_435045; EPI_ISL_435047; EPI_ISL_435046 RSE "National Center for Biotechnology" Laboratory of Applied Genetics Shevtsoy et al EPI_ISL_735392 Laboratory of Genetics and Personalized Medicine, Zan Mitrev Clinic Laboratory of Genetics and Personalized Medicine, Zan Mitrev Clinic Kungulovski et al. et a Laboratory of Genomics & Bioinformatics, Institute of Immunology and Experimental Therapy, Polish Academy of Sciences Oddzial Mikrobiologii Wojewodzkiej Staqii Sanitarno-Epidemiologicznej. EPI ISL 437625 Laboratory of Genomics & Bioinformatics, Institute of Immunology and Experimental Therapy, Polish Academy of Sciences EPI_ISL_452329; EPI_ISL_452360; EPI_ISL_452347; EPI_ISL_452339; EPI_ISL_452341; EPI_ISL_452345 Laboratory of Infectious Diseases Center of Beijing Ditan Hospital Laboratory of Infectious Diseases, Department of Biomedical and Clinical Sciences L. Sacco, University of Milan EPI ISL 41744 Laboratory of Infectious Diseases, Department of Biomedical and Clinical Sciences L. Sacco, University of Milan Gianguglielmo Zehender et al (https://onlinelibrary.wiley.com/doi/abs/10 1002/jmv.25794) Laboratory of Microbiology and Infectious Diseases, Faculty of Veterinary Medicine, Aristotic University of Thesasioniki, University Campas, 541 24, Thesasioniki, Greece Campas, 541 24, Thesasi EPI ISL 717979 Dovrolis N. et al EP | S. 4,47907, FP | S. 4,34406; EP | S. 4,34447; EP | S. 4,34446; EP | S. 4,34468; EP | S. 4,34466; EP | S. 4,34476; EP | S. 4,37870; EP | S. 4,34776; EP | S. 4,44776; EP | S. 4,34476; EP | S Laboratory of Microbiology, Medical School, National and Kapodistrian

Laboratory of Biology, Department of Medicine, Democritus University of Thrace
University of Althens Kassela K. et al (https://dx.doi.org/10.1101/2020.06.03.20121236) Laboratory of Microbiology, National Reference Lab, Charles Nicole
Hospita?, Juliversity of Tunis El Manar, Faculty of Medicine of Tunis, Tunisia 2-Neurodepeneative diseases and psychiatric troubles, LR18SPQ3, Raxi lossep Ilhem Boutiba-Ben Boubaker et al EPI_ISL_654019; EPI_ISL_654020; EPI_ISL_654018; EPI_ISL_654016; EPI_ISL_654017 EPI_ISL_428209; EPI_ISL_451646; EPI_ISL_451647; EPI_ISL_451644; EPI_ISL_451645 Laboratory of Molecular Biology, Diagnostyka sp. z o.o. Laboratory of Molecular Genetics, 2nd Faculty of Medicine, Charles

Laboratory of Molecular Genetics, 2nd Faculty of Medicine, Charles University in Prague, Prague, Czech Republic

University in Prague, Prague, Czech Republic EPI_ISL_425228 Lenka Kramná et al EPI ISL 625679; EPI ISL 625678 Laboratory of Molecular Medicine, University of Magallanes Centro Asistencial Docente y de Investigacion, Universidad de Magallanes Jorge Gonzalez et al Laboratory of Molecular Virology International Center for Genetic Engineering and Biotechnology (ICGEB) EPI_ISL_498563; EPI_ISL_498559; EPI_ISL_498561; EPI_ISL_498560 ARGO Open Lab Platform for Genome Sequencing Licastro D et al A Laboratory of Molecular Virology International Center for Genetic Engineering and Biotechnology (ICGEB) ARGO Open Lab Platform for Genome sequencing EPI_ISL_417421 Licastro D et al B (https://dx.doi.org/10.1128/JVI.00543-20) Laboratory of Molecular Virology of the International Centre for Genetic Engineering and Biotechnology (ICGEB)

ARGO Open Lab Platform for Genome Sequencing EPI_ISL_525495; EPI_ISL_525496 Licastro D et al A Laboratory of Respiratory Viruses and Measles, Oswaldo Cruz Institute, FIOCRUZ EPI ISL 54135 Laboratory of Respiratory Viruses and Measles, Oswaldo Cruz Institute, FIOCRUZ EPI ISL 451302 Laboratory of Virology, INMI Lazzaro Spallanzani IRCCS Laboratory of Virology, INMI Lazzaro Spallanzani IRCCS Cesare E.M. Gruber et al A (https://dx.doi.org/10.1002/imv.25699) Laboratory of molecular-genetic research, National Center for Expertise, Kazakhstan National Center for Biotechnology, Kazakhstan EPI_ISL_454584; EPI_ISL_454599; EPI_ISL_454597; EPI_ISL_454575; EPI_ISL_454585 Laboratory of virology, National Center of Expertise Abdalivev Askar et al Laboratory of molecular-genetic research, National Center of Expertise, Kazakhstan National Center for Biotechnology, Kazakhstan EPI_ISL_454577; EPI_ISL_454576; EPI_ISL_454580; EPI_ISL_454579; EPI_ISL_454582; EPI_ISL_454593 EPI_ISL_576123; EPI_ISL_576121; EPI_ISL_576119; EPI_ISL_576120; EPI_ISL_576122; EPI_ISL_576124; EPI_ISL_576125; EPI_ISL_576118; EPI_ISL_576117 Laboratory, The Bio Arte Limited EPI_ISL_636834 Laboratório de Imunofarmacologia - Instituto Oswaldo Cruz The Public Health Agency of Sweden EPI_ISL_73824; EPI_ISL_73834; EPI_ISL_73834; EPI_ISL_738346; E Landstuhl Regional Medical Center United States Air Force School of Aerospace Medicine Anthony Fries et al EPI ISL 534238; EPI ISL 548255 Lanssiukhuset Kalmar The Public Health Agency of Sweden EPI ISL 407079 Lapland Central Hospital Department of Virology, University of Helsinki and Helsinki University Hospital, Helsinki, Finland Teemu Smura et al A EPI_ISL_486426; EPI_ISL_486425; EPI_ISL_512650; EPI_ISL_512650; EPI_ISL_512650; EPI_ISL_512651; EPI_ISL_5126647; EPI_ISL_512647; EPI_ISL_486435; EPI_ISL_486435; EPI_ISL_486435; EPI_ISL_486435; EPI_ISL_486436; EPI_ISL_512651; EPI_ISL_51265 EPI_ISL_498552; EPI_ISL_498556; EPI_ISL_498554; EPI_ISL_49855 Lebanese American University Abi Habib et al EPI_ISL_756619; EPI_ISL_731730; EPI_ISL_731581; EPI_ISL_731629; EPI_ISL_675379; EPI_ISL_675379; EPI_ISL_70823; EPI_ISL_730721; EPI_ISL_730729; EPI_ISL_65528; EPI_ISL_656413; EPI_ISL_731640; EPI_ISL_731626; EPI_ISL_675379; EPI_ISL_675379; EPI_ISL_675379; EPI_ISL_675379; EPI_ISL_730823; Lighthouse Lab in Alderley Park Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium Jacquelyn Wynn et al EPI_ISL_589287; EPI_ISL_567932; EPI_ISL_567942; EPI_ISL_606128; EPI_ISL_597757; EPI_ISL_597618; EPI_ISL_606203; EPI_ISL_61046 Lighthouse Lab in Alderley Park Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium Jacquelyn Wynn et al ED I.S. 50776; ED I.S. 50900; ED I.S. 50776; ED I.S. 50900; ED I.S. 50771; ED I.S. 50900; ED I.S. 50477; ED I.S. 50970; ED I.S. 50477; ED I.S. 50470; ED I.S. 50470; ED I.S. 50470; ED I.S. 50900; ED I.S Lighthouse Lab in Alderley Park Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium The Lighthouse Lab in Alderley Park et al EPI_ISL_647527; EPI_ISL_659537; EPI_ISL_659447; EPI_ISL_645525; EPI_ISL_647482; EPI_ISL_645885 Lighthouse Lab in Cambridge Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium Rob Howes et al Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium EPI_ISL_555993; EPI_ISL_556041; EPI_ISL_555948; EPI_ISL_556825; EPI_ISL_556848 Lighthouse Lab in Cambridge Rob Howes et al EPI_ISL_735987; EPI_ISL_736321; EPI_ISL_757266 Lighthouse Lab in Glasgow Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium Harper VanSteenhouse et al Lighthouse Lab in Glasgow EPI_ISL_567508; EPI_ISL_529765; EPI_ISL_540188; EPI_ISL_530926; EPI_ISL_5327081; EPI_ISL_532818; EPI_ISL_532975; EPI_ISL_532548; EPI_ISL_540370; EPI_ISL_568338; EPI_ISL_563543; EPI_ISL_569853; EPI_ISL_540370; EPI_ISL_54037 Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium Harper VanSteenhouse et al Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research EPI ISL 720901; EPI ISL 735664; EPI ISL 735628; EPI ISL 736256; EPI ISL 762341 Lighthouse Lab in Milton Keynes Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium The Lighthouse Lab in Milton Keynes et al The Lighthouse Lab in Alderley Park et al Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium EP | IS, 550220; EP | IS, 557222; EP | IS, 557223; EP | IS, 559200; EP | I Lighthouse Lab in Milton Keynes Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium The Lighthouse Lab in Milton Keynes et al EPI ISL 751191; EPI ISL 730621 Limmattal Hospita EPI ISL 64820 Linkopina Lithuanian University of Health Sciences Hospital, Department of Laboratory Medicine EPI_ISL_541852; EPI_ISL_541849; EPI_ISL_541855; EPI_ISL_541859; EPI_ISL_541860; EPI_ISL_541858; EPI_ISL_541862; EPI_ISL_541863; EPI_ISL_541854; EPI_ISL_541855; EPI_ISL_541855 Lithuanian University of Health Sciences, Laboratory of Molecular Cardiology Lukas Zemaitis et al EP IS, 00006: PI IS, 00000: FP Lithuanian University of Health Sciences Hospital, Department of Laboratory Medicine Lithuanian University of Health Sciences, Molecular cardiology lab. EPI_ISL_500101; EPI_ISL_500055 Liverpool Clinical Laboratories COVID-19 Genomics UK (COG-UK) Consortium EPI_ISL_63308:

EP INS. 564137	MDU-PHL, The Peter Doherty Institute for Infection and Immunity	MDU-PHL, The Peter Doherty Institute for Infection and Immunity	Caly et al B
EP_ISL_568003; EP_ISL_569173; EP_ISL_566009; EP_ISL_566009; EP_ISL_569009; EP_ISL	MEPHI, Aix Marseille University	MEPHI, Aix Marseille University	Anthony LEVASSEUR et al David Nieuwenhuijse et al A (https://dx.doi.org/10.1038/s41591-020-
EPUSL_413574	MHC West-Brabant	Erasmus Medical Center	0997-y)
EPI_ISL_7/0892	MLF Care AB	The Public Health Agency of Sweden	Department of Microbiology et al
EPI_ISL_765491	MONTEFIORE MEDICAL CENTER LABORATORIES	Wadsworth Center, New York State Department of Health	Kirsten St. George et al
EPI_ISL_42856	MRCG at LSHTM Genomics Lab	MRCG at LSHTM Genomics lab	Sesay et al et al A (https://dx.doi.org/10.1101/2020.04.30.070771)
EPI, SI, 581015; EPI, SI, 58177; EPI, SI, 581022; EPI, SI, 581024; EPI, SI, 581226; EPI, SI, 581236; EPI, SI, 581246; EPI, SI, 581486; EPI, SI, 581476; EPI, SI, 581476; EPI, SI, 581070; EPI, SI, 581006; EPI, SI, 581027; EPI, SI, 581236; EPI, SI, 581246; EPI, SI	MRCG at LSHTM Genomics lab	MRCG at LSHTM Genomics lab	Abdul Karim sesay et al
EPI_ISL_42887	MRCG at LSHTM Genomics lab	MRCG at LSHTM Genomics lab	Sesay et al et al A (https://dx.doi.org/10.1101/2020.04.30.070771)
EPI_SL_471188; EPI_SL_471190; EPI_SL_471199; EPI_SL_471190; EPI_SL	MRCG at LSHTM Genomics lab	MRCG at LSHTM Genomics lab	Sesay et al et al B
EPI_ISL_428855	MRCG at LSHTM Geomics lab	MRCG at LSHTM Genomics lab	Sesay et all et all A (https://dx.doi.org/10.1101/2020.04.30.070771)
EPI_ISL_414476	MSHS Clinical Microbiology Laboratories	MSHS Pathogen Surveillance Program	Gopi Patel et al (https://dx.doi.org/10.1101/2020.04.08.20056929)
EPI ISL (631301; EPI ISL (631300; EPI ISL (631300; EPI ISL (631204; EPI IS	MVZ DIAMEDIS Diagnostische Medizin Sennestadt GmbH	Bielefeld University	David Brandt et al
EP IS, 64022. EP IS, 64029. EP IS, 64029. EP IS, 64029. EP IS, 64029. EP IS, 64027. EP IS, 64029. EP	MVZ Laborärzte Singen	MVZ Laborárzte Singen	Jonas Schmidt et al
EPL st_672096; EPL st_672099	Madera County Department of Public Health	Chan-Zuckerberg Biohub	CZB Cliahub Consortium et al
EPI_ISI_582124; EPI_ISI_528744; EPI_ISI_528743	Malaysia Genome Institute	Malaysia Genome Institute	Mohd Noor Mat Isa et al
EPI_ISL_682063	Maryland Public Health Laboratory	Maryland Public Health Laboratory	Maryland Department of Health Laboratories Administration et al
EPLISL_409087	Massachusetts Department of Public Health	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Clinton R. Paden et al (https://dx.doi.org/10.1101/2020.03.09.20032896)
EPI_ISI_766226; EPI_ISI_765617; EPI_ISI_765717; EPI_ISI_765733; EPI_ISI_765736; EPI_ISI_765767; EPI_ISI_765763; EPI_ISI_765602; EPI_ISI_765768	Massachusetts General Hospital	Infectious Disease Program, Broad Institute of Harvard and MIT	Lemieux et al
EPI_ISL_420904; EPI_ISL_420903; EPI_ISL_420905; EPI_ISL_420999; EPI_ISL_420999; EPI_ISL_420906; EPI_ISL_420906; EPI_ISL_420901; EPI_ISL_420906; EPI_ISL_420906; EPI_ISL_420907; EPI_ISL_420901	Max von Pettenkofer Institute, Virology, National Reference Center for Retroviruses: I MU Munich	Laboratory for Functional Genome Analysis, Dept. Genomics, Gene Center of the LMU Munich	Max Muenchhoff et al
EP [S. 4591; FP] B. 46986; FP [S. 47960; FP] S. 45900; FP [S. 47976; FP] B. 47796; FP] B. 47796; FP [S. 47776; FP] B. 47777; FP [S. 47776; FP] B. 47776; FP		Laboratory for Functional Genome Analysis, Dept. Genomics, Gene Center of the LMU Munich	Max Muenchhoff et al
EPI_ISL_483036; EPI_ISL_483035; EPI_ISL_482768; EPI_ISL_482767; EPI_ISL_482776; EPI_ISL_482776; EPI_ISL_482769; EPI_ISL_482769	Medical Ain Shams Research Institute (MASRI), Ain Shams University	Medical Ain Shams Research Institute (MASRI), Ain Shams University	Hesham Elghazaly et al
EPLISL_476832	Medical Biology Department, Kocaeli University	Medical Genetics Department, Kocaeli University	Savli H et al
EPI_ISL_518800	Medical Disagnostics Services (MDS)	KRISP, KZN Research Innovation and Sequencing Platform	Giandhari J et al
EPI_ISL_63092; EPI_ISL_549039; EPI_ISL_549086; EPI_ISL_549166; EPI_ISL_65333; EPI_ISL_463335; EPI_ISL_59083; EPI_ISL_59093; EPI_ISL_590945; EPI_ISL_49338; EPI_ISL_493381; EPI_ISL_549081	Medical Microbiology Unit, Department for Laboratory Medicine, Drammen Hospital, Vestre Viken Health Trust,	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen et al
EPI_ISL_707778	Medical Research Center, Faculty of Medicine, Syarif Hidayatullah State Islamic University Jakarta	Medical Research Center, Faculty of Medicine, Syarif Hidayatullah State Islamic University Jakarta	Erike A Suwarsono et al
EPI_ISL_707666	Medical Research Center, Faculty of Medicine, Syarif Hidayatullah State Islamic University Jakarta	Medical Research Center, Faculty of Medicine, Syarif Hidayatullah State Islamic University Jakarta	Laifa Hendarmin et al
EPI ISL 707890	Medical Research Center, Faculty of Medicine, Syarif Hidayatullah State Islamic University Jakarta	Medical Research Center, Faculty of Medicine, Syarif Hidayatullah State Islamic University Jakarta	Zeti Harriyati et al
	State Islamic University Jakarta Medizinische Klinik Innere Medizin I, Universitätsklinikum Tübingen	NGS Competence Center Tübingen, Institut für Medizinische Mikrobiologie und Hygiene, Universitätsklinikum Tübingen	Angel Angelov et al
EP. ISL., 581479; EP. ISL., 581469; EP. ISL., 581469; EP. ISL., 581469; EP. ISL., 581460; EP. ISL., 581460; EP. ISL., 581464; EP. ISL., 581469; EP. ISL., 58	Meditimes Molecular Laboratory	Medlimes Molecular Laboratory	Eric Chan et al
ET_10L_000471 EPI ISL_507002 EPI ISL_708003 EPI ISL_708596 EPI ISL_447118 EPI ISL_439827	Michigan Department of Health and Human Services, Bureau of	Michigan Department of Health and Human Services, Bureau of Laboratories	Blankenship HM et al
ET 15.150/1004, ET 15.170000, ET 5.170000, ET 15.170000 ET 15.1700000 ET 15.1700000 ET 15.1700000 ET 15.1700000 ET 15.1700000 ET 15.17000000 ET 15.17000000 ET 15.1700000000 ET 15.1700000000 ET 15.1700000000000000000000000000000000000	Laboratories Microbial Genomics Laboratory, Institut Pasteur Montevideo	Microbial Genomics Laboratory, Institut Pasteur Montevideo	Cecilia Salazar et al B (https://dx.doi.org/10.1101/2020.05.09.086223)
ET			Cecilia Salazar et al B (https://dx.doi.org/10.1101/2020.05.09.086223)
ET	Microbial Genomics Laboratory, Institut Pasteur Montevideo Microbial Genomics Laboratory, Institut Pasteur Montevideo, Uruguay	Microbial Genomics Laboratory, Institut Pasteur Montevideo, Uruguay Microbial Genomics Laboratory, Institut Pasteur Montevideo, Uruguay	Cecilia Salazar et al B (https://dx.doi.org/10.1101/2020.05.09.086223)
ET_1_SEX	Microbial Genomics Laboratory, Institut Pasteur de Montevideo, Ordiguay	Microbial Genomics Laboratory, Institut Pasteur de Montevideo	Cecilia Salazar et al A
EP. US. 480596, EP. US. 993147 EPI US. 1903	Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)		Seemann T. et al A
EP_ISL_96000; EP_ISL_960390; EP_ISL_960590; EP_ISL_964981; EPI_ISL_964994	Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)		Seemann et al
EPI IS. 43067	Microbiological Diagnostic Unit Public Health Laboratory	Microbiological Diagnostic Unit Public Health Laboratory	Seemann T. et al B (https://dx.doi.org/10.1101/2020.05.12.20099929)
EPL/SL_513925	Microbiology & Bioinformatics and Biostatistics, Kohat University of Science and Technology (Pakistan) & Shanghai Jiao Tong University	Microbiology & Bioinformatics and Biostatistics. Kohat University of Science and Technology (Pakistan) & Shanghai Jiao Tong	Khan et al
	(China) Microbiology and Immunology department, Pasteur institute in Ho Chi	University (China)	
EPIJSL_418299	Minh aty	Microbiology and Immunology department, Pasteur institute in Ho Chi Minh city	Cao et al (http://bionxiv.org/lookup/doi/10.1101/2020.04.01.019463)
EP_LSL_418287	Microbiology and Immunology department, Pasteur institute in Ho Chi Minh city	Microbiology and Immunology department, Pasteur institute in Ho Chi Minh city	Nguyen et al
EPI_SL_667762; EPI_SL_667771; EPI_SL_667767. EPI_SL_667756; EPI_SL_667756; EPI_SL_667760; EPI_SL	Microbiology, Infectious Diseases and Immunology, Centre de Recherche du Centre Hospitalier de l'Universite de Montreal	Microbiology, Infectious Diseases and Immunology, Centre de Recherche du Centre Hospitalier de l'Universite de Montreal	Benoit et al
EP_LSL_613462	Microbiology, Koc University	Microbiology, Koc University	Nurtop et al
EPI_ISL_486607, EPI_ISL_486657		Microbiology, Virology and Biemergency Laboratory-ASST FBF Sacco	Rimoldi SG et al
EPI_ISL_48698		Microbiology, Virology and Biemergency Laboratory-ASST FBF Sacco	Romeri F et al
EPI_ISL_496298	Middlemore Hospital	Institute of Environmental Science and Research (ESR)	Matt Storey et al B
EPI_ISI_548130, EPI_ISI_637087, EPI_ISI_622772, EPI_ISI_548002; EPI_ISI_548004; EPI_ISI_548004; EPI_ISI_548011; EPI_ISI_548011; EPI_ISI_548132, EPI_ISI_548133, EPI_ISI_682279, EPI_ISI_682278	Middlemore Hospital	Institute of Environmental Science and Research (ESR)	Xiaoyun Ren et al
EPI_ISL_078276; EPI_ISL_078289	Mikrobiologie, RARI	Mikrobiologie, RARI	Krasnov et al
EP_ISL_716135, EPI_ISL_716133, EPI_ISL_716134, EPI_ISL_716136, EPI_ISL_716136, EPI_ISL_716146,	Ministry of Health Hospitals	Institute of Health and Community Medicine	David Perera et al
EP. (S. 4737); EP. (S. 4732); EP. (S. 47334; EP. (S. 47334; EP. (S. 4732); EP. (S	Ministry of Health Turkey	Ministry of Health Turkey	Fatma Bayrakdar et al A
EP_ISL_429996; EP_ISL_429967; EP_ISL_429972; EP_ISL_42972	Ministry of Health Turkey	Ministry of Health Turkey	Fatma Bayrakdar et al B (https://dx.doi.org/10.1101/2020.05.15.095794)
EPL/SL/76964	Mitra Keluarga Hospital Waru	Institute of Tropical Disease, Universitas Airlangga	Jezzy R Dewantari et al Ahmad Abou Tayoun et al A (https://dx.doi.org/10.1101/2020.
EPI_(SL_495137; EPI_(SL_495134; EPI_(SL_495124; EPI_(SL_495122; EPI_(SL_495122; EPI_(SL_495134; EPI_(SL_495134; EPI_(SL_495124; EPI_(SL_495126; EPI_(SL_495126; EPI_(SL_495124; EPI_(SL_495124	Mohammed Bin Rashid University of Medicine and Health Sciences		05.06.080606)
EPI_ISL_520734; EPI_ISL_520729; EPI_ISL_520733; EPI_ISL_520737; EPI_ISL_520744; EPI_ISL_469276; EPI_ISL_469276; EPI_ISL_520678; EPI_ISL_520686; EPI_ISL_5206871	Mohammed Bin Rashid University of Medicine and Health Sciences	Al Jalita Genomics Center	Ahmad Abou Tayoun et al B

EPI_ISL_482862; EPI_ISL_467478; EPI_ISL_467431; EPI_ISL_482714; EPI_ISL_467444 Molecular Diagnostics Services (MDS) KRISP, KZN Research Innovation and Sequencing Platform Giandhari J et al EPI_ISL_681696; EPI_ISL_681699; EPI_ISL_681684; EPI_ISL_681681; EPI_ISL_681674 Molecular Medicine Laboratory, University of Magallanes Centro Asistencial Docente y de Investigacion, Universidad de Magallanes Jorge González et al Molecular Pathology Division, Department of Pathology, Hong Kong Sanatorium & Hospital Molecular Pathology Division, Department of Pathology, Hong Kong Sanatorium & Hospital EPI ISL 451957; EPI ISL 430063; EPI ISL 430018 Chun Hang AU et al (https://mra.asm.org/content/9/31/e00697-20) Molecular Virology Unit, Fondazione IRCCS Polidinico San Matteo , Laboratory of Virology, INMI Lazzaro Spallanzani IRCCS Molecular Virology Unit, Fondazione IRCCS Policinico San Matteo , Laboratory of Virology, INMI Lazzaro Spallanzani IRCCS EPI_ISL_451306 Antonio Piralla et al Molecular Virology Unit, Fondazione IRCCS Polictinico San Matteo , Laboratory of Virology, INMI Lazzaro Spallanzani IRCCS Pavia EPI ISL 460079 Rarbara Bartolini et al Molecular Virology Unit, Fondazione IRCCS Policinico San Matteo , Laboratory of Virology, INMI Lazzaro Spallanzani IRCCS EPI_ISL_460087 Cesare E.M. Gruber et al E Molecular Virology Unit, Fondazione IRCCS Policlinico San Matteo ,

Pavás

Laboratory of Virology, INMI Lazzaro Spallanzani IRCCS EPI_ISL_451309 Fausto Baldanti et al Molecular Virology Unit, Fondazione IRCCS Policlinico San Matteo ,

Laboratory of Virology, INMI Lazzaro Spallanzani IRCCS EPI_ISL_460086 Molecular Virology Unit, Fondazione IRCCS Policinico San Matteo , Laboratory of Virology, INMI Lazzaro Spallanzani IRCCS Pavia EPI ISL 460083 Martina Rueca et al EPI ISL 610227; EPI ISL 653930; EPI ISL 754196; EPI ISL 754198; EPI ISL 754197; EPI ISL 745253; EPI ISL 745243; EPI ISL 754203; EPI ISL 717973; EPI ISL 732670; EPI ISL 610244; EPI ISL 717965; EPI ISL 653922 Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemilology Samoilov AE et al Molecular diagnostic laboratory of Federal Budget Institution of Science "Central Research Institute of Epidemiology" of The Federal Service on Customers' Rights Protection and Human Well-being EPI ISL 486823; EPI ISL 486827; EPI ISL 534337; EPI ISL 534340; EPI ISL 479623 Speranskaya AS et al Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemilology EPI ISL 681809; EPI ISL 614300; EPI ISL 614300 Molecular diagnostic unit for viral haemorrhagic fevers and emerging viruses, Bouaké CHU Laboratory Project group Epidemology of Highly Pathogenic Microorganisms, Robert Koch-Institute Chantal Akoua-Koffi et al Collaboration between the University of Melbourne at The Peter Doherty Institute for Infection and Immunity, and the Victorian Infectious Disease Reference Laboratory EPI ISL 406844 Monash Medical Centre Calv et al A (https://dx.doi.org/10.5694/mia2.50569) EPI_ISL_426886; EPI_ISL_426891; EPI_ISL_426895; EPI_ISL_426894; EPI_ISL_426897; EPI_ISL_426896; EPI_ISL_426899; EPI_ISL_426892; EPI_ISL_426894; EPI_ISL_426897; EPI_ISL_426897; EPI_ISL_426899; EPI_ISL_426899 Motol University Hospital Institute of Applied Biotechnologies a.s Petr Brož et al EPI_ISL_490206; EPI_ISL_490208; EPI_ISL_490205; EPI_ISL_490207 München Klinik Schwabing MGZ Medical Genetics Cente Dieter A. Wolf et al. EPI_ISL_605902; EPI_ISL_605887; EPI_ISL_605889; EPI_ISL_605888; EPI_ISL_605891; EPI_ISL_605890; EPI_ISL_605908; EPI_ISL_605903 NGS Lab, DNA SOLUTION LTD. NGS Lab, DNA SOLUTION LTD. Khan et al PA Bester et al NHLS Universitas Academic UFS Virology EPI_ISL_660166 NHLS-IALCH KRISP, KZN Research Innovation and Sequencing Platform Gazy I et al EP | SL, 515766, EP | SL, 535527, EP | SL, 52976; EP | SL, 529772, EP | SL, 52974; EP | SL, 502772, EP | SL, 502774; EP | SL, 502770; EP | SL, 40720; EP | SL, 40720; EP | SL, 40720; EP | SL, 51620; EP | SL, 50030; EP | SL, 50300; EP | SL, 50030; EP | SL, 50270; EP | SL, KRISP, KZN Research Innovation and Sequencing Platform NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research EPI_ISL_533262 Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium Ana da Silva Filipe et al A EPI ISL 420037; EPI ISL 418241; EPI ISL 418242 NIC Viral Respiratory Unit - Institut Pasteur of Algeria National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris Mélanie Albert et al (EPI_ISL_577702; EPI_ISL_479529; EPI_ISL_479518; EPI_ISL_577682 NIV Influenza NIV Influenza FPI ISI 450324 CSIR-Centre for Cellular and Molecular Biology Dr V A Potdar et al (https://dx.doi.org/10.1101/2020.05.31.128136) EPI_ISL_422397; EPI_ISL_422387; EPI_ISL_422403; EPI_ISL_422402 NMIMR, Department of Virology WACCBIP, University of Ghana Joyce M. Ngoi et al EPI_ISL_514441 NSU Genome Research Institute (NGRI), North South University EPI_ISL_489122; EPI_ISL_489114 NU-OMICS DNA Sequencing research facility, Northumbria University Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention NYC Department of Health and Mental Hygiene EPI_ISL_43605 Maria Aguero-Rosenfeld et al A (https://dx.doi.org/10.1101/2020. 04.15.20064931) EPI_ISL_419697; EPI_ISL_421724; EPI_ISL_427477; EPI_ISL_424959 NYU Langone Health Departments of Pathology and Medicine, New York University School of Medicine EPI ISL 444741; EPI ISL 444767; EPI ISL 430374; EPI ISL 428793 NYU Langone Health Departments of Pathology and Medicine, New York University School of Medicine Maria Aguero-Rosenfeld et al B EPI ISL 452235 Narhalsan Backa vardcentral The Public Health Agency of Sweden Mats Olsson et al EPI ISL 582840 Narhalsan Fjallbacka VC The Public Health Agency of Sweden Anna-Malin Linde et al EPI_ISL_710591; EPI_ISL_732656 Narhalsan Fjallbacka VC The Public Health Agency of Sweden Department of Microbiology et al EPI_ISL_450829 Narhalsan Sjobo vardcentral The Public Health Agency of Sweden Lovisa Hjerten et al EPI ISL 469058; EPI ISL 475539 Narhalsan Sjobo vardcentral The Public Health Agency of Sweden Oskar Karlsson Lindsjo et al EPI_ISL_523962; EPI_ISL_523960; EPI_ISL_523964; EPI_ISL_523968; EPI_ISL_523966 National Agency for Public Health, Republic of Moldova Charite Universitatsmedizin Berlin, Institute of Virology Victor M Corman et al A National Center of Expertise EPI_ISL_454572 National Center for Expertise, Kazakhstan National Center for Biotechnology, Kazakhstan Abdaliyev Askar et al EPI_ISL_454571 National Center of Expertise National Center for Expertise, National Center for Biotechnology, Kazakhstan Abdaliyev Askar et al EPI_ISL_496536 National Centre For Cell Science National Centre For Cell Science Dhiraj Paul et al EPI_ISL_636759; EPI_ISL_636793; EPI_ISL_636796; EPI_ISL_636800 National Centre for Disease control (NCDC) NCDC/CSIR-IGIB Mahesh S. Dhar1* et al NCDC/CSIR-IGIB EPI_ISL_482498; EPI_ISL_482634 National Centre for Disease control (NCDC) EPI_ISL_436458; EPI_ISL_436463 National Centre for Disease control (NCDC) NCDC/CSIR-IGIB Pramod Kumar# et al B (https://dx.doi.org/10.1101/2020.06.04.128751) Danielle E Anderson et al (https://dx.doi.org/doi/10.1101/2020. 03.11.987222) EPI ISL 410535; EPI ISL 407988 National Centre for Infectious Diseases Programme in Emerging Infectious Diseases, Duke-NUS Medical School EPI_ISL_560388; EPI_ISL_560389; EPI_ISL_560390; EPI_ISL_560387; EPI_ISL_560385 National Health Laboratory Botswana Institute for Technology Research and Innovation Kefentse Arnold Turnedi et al EPI_ISL_560386 National Health Laboratory Botswana Institute for Technology Research and innovation Kefentse Arnold Turnedi et al National Health Laboratory Service - Inkosi Albert Luthuli Central Hospital (NHLS-IALCH) KRISP, KZN Research Innovation and Sequencing Platform EPI_ISL_635001; EPI_ISL_635003; EPI_ISL_634985; EPI_ISL_635000 Giandhari J et al EPI_ISL_456698; EPI_ISL_456605; EPI_ISL_456610; EPI_ISL_456604; EPI_ISL_456611; EPI_ISL_456597; EPI_ISL_456008; EPI_ISL_456606; EPI_ISL_456607; EPI_ISL_456612; EPI_ISL_456600 Microbiological Diagnostic Unit Public Health Laboratory, The Peter Doherty Institute for Infection and Immunity EPI_ISL_611893; EPI_ISL_455711; EPI_ISL_455718; EPI_ISL_455708; EPI_ISL_455708; EPI_ISL_455710; EPI_ISL_455712; EPI_ISL_511898; EPI_ISL_455707; EPI_ISL_455709; EPI_ISL_455709; EPI_ISL_5709; EPI_ISL_ National Hospital of Tropical Disease Oxford University Clinical Research Unit, Hanoi, Vietnam Claudio Tavares Sacchi et al A (https://dx.doi.org/10.1101/2020. 05.23.20111443) EPI_ISL_416032; EPI_ISL_416028 Instituto Adolfo Lutz, Interdiciplinary Procedures Center, Strategic Laboratory National Influenza Center - Instituto Adolfo Lutz EPI ISL 515525 National Influenza Center - Instituto Adolfo Lutz Instituto Adolfo Lutz, Interdiciplinary Procedures Center, Strategic Laboratory Claudio Tavares Sacchi et al B National Influenza Center - National Institute of Hygiene and Epidemiology (NIHE) EPI ISL 408668 National Influenza Center - National Institute of Hygiene and Epidemiology (NIHE) Ung Thi Hong Trang et al EPI_ISL_48688 National Influenza Center, Bahrain National Influenza Center, Bahrain EPI_ISL_486887 National Influenza Center, Bahrain National Influenza Center, Bahrain Zaed et al National Influenza Center, Indian Council of Medical Research - National Institute of Virology Pragya D. Yadav et al B (https://www.biorxiv.org/content/10.1101/2020. 05.28.122143v1) EPI_ISL_424361 Indian Council of Medical Research-National Institute of Virology, Microbial Containment Complex

EPI_ISL_421067; EPI_ISL_42107; EPI_ISL_421006; EPI_ISL_421072; EPI_ISL_421006; EPI_ISL_424006; EPI_ISL_424006	National Influenza Center, Indian Council of Medical Research - National Institute of Virology	Indian Council of Medical Research-National Institute of Virology, Microbial Containment Complex	Pragya D. Yadav et al C (http://www.ijmr.org.in/article.asp?issn=0971- 5916;year=2020;volume=151;issue=2;spage=255;epage=260; aulast=Potdar)
EPI_ISI_416429, EPI_ISI_600541; EPI_ISI_416427	National Influenza Center, National Institute of Hygiene and	National Influenza Center, National Institute of Hygiene and Epidemiology (NIHE)	Le Quynh Mai et al
EPI_ISL_600542	National Influenza Center, National Institute of Hygiene and Epidemiology (NIHE)	National Institute of Hygiene and Epidemiology (NIHE)	Le Quynh Mai et al
EPI_ISL_467781	National Influenza Centre Romania	Charite Universitatsmedizin Berlin, Institute of Virology	Victor M Corman et al C (https://dx.doi.org/10.1101/2020.06.28.175802)
EPI_ISL_476843; EPI_ISL_476847; EPI_ISL_476847; EPI_ISL_476835; EPI_ISL_476847	National Influenza Centre for Northern Greece	National Influenza Centre for Northern Greece	Maria Christoforidi et al
EPI_ISL_410001	National Influenza Centre, National Public Health Laboratory, Kathmandu, Nepal	The University of Hong Kong	Ranjit Sah et al (http://bionxiv.org/lookup/doi/10.1101/2020. 04.01.019463)
EPJ.ISL_402125	National Institute for Communicable Disease Control and Prevention (ICDC) Chinese Center for Disease Control and Prevention (China	National Institute for Communicable Disease Control and Prevention (ICDC) Chinese Center for Disease Control and Prevention (ICDC)	Zhang et al (https://dx.doi.org/10.1038/s41586-020-2008-3)
EPI_ISL_400297; EPI_ISL_470879	National Institute for Communicable Diseases of the National Health Laboratory Service	National Institute for Communicable Diseases of the National Health Laboratory Service	Allam M et al
EPI_ISL_746827; EPI_ISL_726285, EPI_ISL_765566; EPI_ISL_746834	National Institute for Infectious Diseases, INMI, "L. Spallanzani" IRCCS	National Institute for Infectious Diseases, INMI, "L. Spallanzani" IRCCS	B Bartolini et al
EPI_ISL_78572; EPI_ISL_716262	National Institute for Infectious Diseases, INMI, "L. Spallanzani" IRCCS	National Institute for Infectious Diseases, INMI, "L. Spallanzani" IRCCS	C.E.M Gruber et al
EPI_ISL_746832; EPI_ISL_746830	National Institute for Infectious Diseases, INMI, "L. Spallanzani" IRCCS	National Institute for Infectious Diseases, INMI, "L. Spallanzani" IRCCS	E Giombini et al
EPI_ISL_721627; EPI_ISL_746833; EPI_ISL_726260	National Institute for Infectious Diseases, INMI, "L. Spallanzani" IRCCS	National Institute for Infectious Diseases, INMI, "L. Spallanzani" IRCCS	F Messina et al
EPI_ISL_746826; EPI_ISL_746835	National Institute for Infectious Diseases, INMI, "L. Spallanzani" IRCCS	National Institute for Infectious Diseases, INMI, "L. Spallanzani" IRCCS	M Rueca et al
EPLISL_728282: EPLISL_735510	National Institute for Infectious Diseases, INMI, "L. Spallanzani" IRCCS	National Institute for Infectious Diseases, INMI, "L. Spallanzani" IRCCS	M. Rueca et al
EPI_ISL_76568	National Institute for Infectious Diseases, INMI, "L. Spallanzani" IRCCS	National Institute for Infectious Diseases, INMI, "L. Spallanzani" IRCCS	O Butera et al
EPI_SL_480254	National Institute for Viral Disease Control and Prevention, China CDC	Institute of Viral Disease Control and Prevention, China CDC	Wenjie Tan et al B
EPI_ISL_409255	National Institute for Viral Disease Control and Prevention, China CDC		Xiang Zhao et al
EPI_ISL_591271; EPI_ISL_591275; EPI_ISL_591273; EPI_ISL_591276; EPI_ISL_591276; EPI_ISL_591280; EPI_ISL_591279; EPI_ISL_591277; EPI_ISL_591276	National Institute for Viral Disease Control and Prevention, China CDC	National Institute for Viral Disease Control and Prevention, China CDC	Huilai Ma et al
EPI_ISL_575330	National Institute for Viral Disease Control and Prevention, China CDC	National Institute for Viral Disease Control and Prevention, China CDC	Rongbao Gao et al
EPI_ISL_402119	National Institute for Viral Disease Control and Prevention, China CDC	National Institute for Viral Disease Control and Prevention, China CDC	Wenjie Tan et al A (https://dx.doi.org/10.1056/NEJMoa2001017)
EPI_ISL_498992; EPI_ISL_498994; EPI_ISL_498991; EPI_ISL_499993; EPI_ISL_499256		National Institute for Viral Disease Control and Prevention, China CDC	Xiang Zhao et al
EP_ISL_458133	National Institute of Biotechnology	Bioinformatics Division, National Institute of Biotechnology	Mohammad Uzzal Hossain et al
EPI_ISI_709044; EPI_ISI_709542; EPI_ISI_708839; EPI_ISI_708840	National Institute of Blood Diseases (NIBD), Molecular Biology Lab	Genomics Lab NIBD	Samina Naz Mukry et al
EP_ISL_76401	National Institute of Health Research and Development	National Institute of Health Research and Development	Adam et al
EP_ISL_574433, EP_ISL_538508	National Institute of Health Research and Development	National Institute of Health Research and Development	Pawestri et al
EPI_ISL_756376	National Institute of Health Research and Development	National Institute of Health Research and Development	Ramadhany et al
EP1_ISL_787287	National Institute of Health Research and Development	National Institute of Health Research and Development	Rukminiati et al
EPI_SL_747237, EPI_SL_747233, EPI_SL_747234	National Institute of Health Research and Development	National Institute of Health Research and Development	Subangkit et al
EP_LSL_400197	National Institute of Health. Department of medical Sciences, Ministry of Public Health, Thailand		Pilailuk et al A
EPI_ISL_488891; EPI_ISL_483694; EPI_ISL_485703; EPI_ISL_485447; EPI_ISL_466644; EPI_ISL_466644	National Institute of Laboratory Medicine and Referral Center	Genomic Research Lab, BCSIR	Abu Sayeed Mohammad Mahmud et al
EPI_ISL_603242; EPI_ISL_603243; EPI_ISL_487368	National Institute of Laboratory Medicine and Referral Center	Genomic Research Lab, BCSIR	Barna Goswami et al
EPI_SE_514246; EPI_SE_603246; EPI_SE_603244	National Institute of Laboratory Medicine and Referral Center	Genomic Research Lab, BCSIR	Iffat Jahan et al
EPI_ISL_484142; EPI_ISL_480445	National Institute of Laboratory Medicine and Referral Center	Genomic Research Lab, BCSIR	Md. Ahasan Habib et al
EPI_ISL_603249; EPI_ISL_603250 EPI_ISL_487375; EPI_ISL_407376	National Institute of Laboratory Medicine and Referral Center National Institute of Laboratory Medicine and Referral Center	Genomic Research Lab, BCSIR Genomic Research Lab, BCSIR	Md. Ahashan Habib et al
EPI_JSL_487376; EPI_JSL_497376 EPI_JSL_487396; EPI_JSL_600229; EPI_SL_480227	National Institute of Laboratory Medicine and Referral Center National Institute of Laboratory Medicine and Referral Center	Genomic Research Lab, BCSIR Genomic Research Lab, BCSIR	Md. Saddam Hossain et al Shahina Akter et al
EPT_JSL_401000; EPT_JSL_000240; EPT_JSL_40902421 EPT_JSL_000241; EPT_JSL_003040; EPT_JSL_407308; EPT_JSL_407304	National Institute of Laboratory Medicine and Referral Center National Institute of Laboratory Medicine and Referral Center	Genomic Research Lab, BCSIR Genomic Research Lab, BCSIR	Tanjina Akhter Banu et al
EPT_ISL_000241; EPT_ISL_0002402 EPT_ISL_481004 EPT_ISL_509778; EPT_ISL_509778; EPT_ISL_509780 EPT_ISL_481004	National Institute of Public Health (Czech Republic)	State Veterinary Institute Prague	Nagy et al
ET	National Institute of Virology, NIV Influenza	National Institute of Virology, NIV Influenza	Potdar V et al B
EPI JSL_434557; EPI_JSL_434557; EPI_JSL_434559; EPI_JSL_434558	National Institutes of Health. University of the Philippines Manila	Philippine Genome Center	Carlo M. Lapid et al
EPI ISL 431833	National Institutes of Health, University of the Philippines Manila	Philippine Genome Center, University of the Philippines System	Carlo M. Lapid et al
EPI ISI. 449799	National Laboratory for Health. Environment and Food	National Laboratory for Health, Environment and Food	Mahnic A. et al
EP; ISL 512809; EP; ISL 512809	National Laboratory for Influenzal/Virology reference laboratory, Public Health Center of the Ministry of Health of Ukraine	Respiratory Virus Unit, Microbiology Services Colindale, Public Health England	PHE Covid Sequencing Team et al
EPI SL 572806; EPI SL 572806; EPI SL 572814; EPI SL 572815; EPI SL 572800; EPI SL	National Laboratory of Virology, Szentágothai Research Centre	National Laboratory of Virology, Szentágothai Research Centre	Endre Gábor Tóth et al
EPI_ISL_647980, EPI_ISL_647977; EPI_ISL_647978; EPI_ISL_647971	National Microbiology Reference Laboratory	Quadram Institute Bioscience	Thanh Le Viet et al
EP SL_457834, EP SL_457835, EP SL_457836	National Public Health Laboratory	KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilfi	Githinji G. et al 2020 et al (https://virological.org/l/introduction-and-local- transmission-of-sars-cov-2-cases-in-kenyal/97)
EPI_SL_416885; EPI_SL_416886; EPI_SL_416860; EPI_SL_416860; EPI_SL_416860; EPI_SL_416807	National Public Health Laboratory	Malavsia Genome Institute	transmission-of-sars-cov-2-cases-in-keriya/497) Mohd Noor Mat Isa et al
EPI_ISL_754073; EPI_ISL_754072	National Public Health Laboratory	Nepal Health Research Council	Pradip Gyanwali et al
EPI ISL _338435; EPI ISL _418993; EPI ISL _475997; EPI ISL _462203; EPI ISL _462203; EPI ISL _462906; EPI ISL _476994; EPI ISL _42262; EPI ISL _462406; EPI ISL _462407; EPI ISL _464074; EPI ISL _469404; EPI ISL _57296; EPI	National Public Health Laboratory, National Centre for Infectious Diseases	National Public Health Laboratory, National Centre for Infectious Diseases	Mak TM et al
EP 154, 20043, EP 154, 200500, EP 154, 3 1200, EP 154, 3 1200, EP 154, 3 100418, EP 154, 3 200418, EP 154, 3 200418, EP 154, 4 10000, EP 154,	National Public Health Laboratory, National Centre for Infectious	National Public Health Laboratory, National Centre for Infectious Diseases	Mak Tze Minn et al
EPI ISL 41073	National Public Health Laboratory, National Centre for Infectious	National Public Health Laboratory, National Centre for Infectious Diseases	Octavia S et al
EP ISL_663117; EP ISL_663332; EP ISL_754096; EP ISL_663330; EP ISL_764095; EP ISL_663331; EP ISL_764095; EP ISL_663310; EP ISL_663310; EP ISL_663310; EP ISL_564496; EP ISL_663310; EP ISL_663310; EP ISL_76496; EP ISL_76	Diseases National Public Health Laboratory, National Centre for Infectious Diseases	National Public Health Laboratory, National Centre for Infectious Diseases	Tze Minn Mak et al
EP SL_598475, EP SL_598474; EP SL_598499; EP SL_508699; EP SL_508699; EP SL_608632; EP SL_608637 EP SL_48029; EP SL_480297, EP SL_480304; EP SL_480304; EP SL_480301; EP SL_48024; EP SL_480249; EP SL_480305; EP SL_480305; EP SL_480306; EP SL_480307; EP SL_4	National Reference Laboratory *Influenza and acute respiratory	NRLHIV	Ivan Ivanov et al
EPI ISL 625683	National Reference Laboratory for COVID-19, Pasteur Institute of Iran	National Reference Laboratory for COVID-19, Pasteur Institute of Iran	Zahra Ahmadi et al
EPI_SL_777200	National Reference Laboratory, Nigeria Centre for Disease Control.	National Reference Laboratory, Nigeria Centre for Disease Control, Gaduwa, Abuja, Nigeria	Dr Ndodo Nnaemeka et al
EPI_SL_43167; EPI_ISL_436674; EPI_ISL_436675; EPI_ISL_436677; EPI_ISL_436676	National Virology Reference Laboratory	National Public Health Laboratory, National Centre for Infectious Diseases	Mak Tze Minn et al
EPI_ISL_666696	National Virus Reference Lab (NVRL)	Irish Coronavirus Sequencing Consortium-Teagasc Grange	Matthew McCabe et al

EP IS., 00579; EP IS., 00607; EP IS., 00617; EP IS., 00613; EP IS., 006117; EP IS., 006117; EP IS., 006141; EP IS., 006141; EP IS., 006100; EP IS., 006101; EP IS., 006107; EP IS., 006107	National Virus Reference Laboratory	Irish Coronavirus Sequencing Consortium - Helixworks	Sachin Chatapati et al
EP SL_671343, EP SL_671361; EP SL_671362; EP JSL_671364; EP JSL_671344; EP JSL_671354	National Virus Reference Laboratory	Irish Coronavirus Sequencing Consortium - Teagasc Moorepark	Calm Walsh et al
EPI_ISL_681928; EPI_ISL_681903; EPI_ISL_681889	National Virus Reference Laboratory	Irish Coronavirus Sequencing Consortium - Teagasc Moorepark	Paul Cotter et al
EP S., 72546 EP S., 72557 EP S., 72557 EP S., 72556 EP S., 57101 EP S., 7101 EP S., 7101 EP S., 57101 EP S., 57101 EP S., 7101 EP S.,	National Virus Reference Laboratory	National Virus Reference Laboratory	Michael Carr et al
EPI_ISL_493157	National Virus Resource Center, Chinese Academy of Sciences, Wuhan 430071, China	Computational Virology Group, Center for Bacteria and Viruses Resources and Bioinformation, Wuhan Institute of Virology, Chinese Academy of Sciences, Wuhan 430071, Chine	Jianjun Chen et al
EPI_ISL_444986. EPI_ISL_445000; EPI_ISL_4444999	Naval Health Research Center	Naval Medical Research Center Biological Defense Research Directorate	Logan Voegtly et al
EPI_ISL_754000; EPI_ISL_75407; EPI_ISL_754080; EPI_ISL_754070	Nepal Korea Friendship Municipality Hospital	Nepal Health Research Council	Pradip Gyanwali et al
EPI_ISL_678594	Netcare	KRISP, KZN Research Innovation and Sequencing Platform	Giandhari J et al
EP ISL 56410	Nevada State Public Health Laboratory	Nevada State Public Health Laboratory	Richard Tillett et al
EPI_ISL_516938; EPI_ISL_516938; EPI_ISL_516934	Nicolae Testemitanu State University of Medicine and Pharmacy	International Centre for Genetic Engineering and Biotechnology (ICGEB) and ARGO Open Lab Platform for Genome Sequencing	
EPI_ISL_45542; EPI_ISL_455428	Nigeria Centre for Disease Control	African Centre of Excellence for Genomics of Infectious Diseases (ACEGID), Redeemer's University, Ede, Osun State, Nigeria	Oluniyi F.E. et al. A (https://vickogical.org/lasms.cov/-0-genomes.kron- nigens-evends community-transmission suitalips-krus_inseques-and- spike-protein-mutation-associated-with-higher-transmission-and- pathogenicips/inseques-and-and-and-and-and-and-and-and-and-and
EPUSL_455424; EPUSL_455415; EPUSL_455410; EPUSL_455423; EPUSL_4554213; EPUSL_455431	Nigeria Centre for Disease Control (NCDC)	African Centre of Excellence for Genomics of Infectious Diseases (ACEGID), Redeemer's University, Ede, Osun State, Nigeria	Olunyi P.E. et al A (https://wirological.org/t/sars-cov-2-genomes-from- nigeria-eveal-community-transmission-multiple-virus-lineages-and- spike-protein-mutation-associated-with-higher-transmission-and- pathogeniolyi494)
EPI_SL_487107; EPI_SL_487106; EPI_SL_487106; EPI_SL_487109	Nigeria Centre for Disease Control (NCDC)	African Centre of Excellence for Genomics of Infectious Diseases (ACEGID), Redeemer's University, Ede, Osun State, Nigeria	Oluniyi P.E. et al B (https://wirological.org/t/new-sars-cov-2-genomes- from-nigeria-reveal-dominance-of-viruses-with-spike-protein-mutation- df14g-and-additional-virus-ilmages-in-circulation(327)
EPI IS, \$27877 EPI ISL, \$27870 EPI ISL, \$27867 EPI ISL, \$27869 EPI ISL, \$70869 EPI ISL, \$70869 EPI ISL, \$70800	Nigeria Centre for Disease Control (NCDC)	African Centre of Excellence for Genomics of Infectious Diseases (ACEGID), Redeemer's University, Ede, Osun State, Nigeria	Oluniyi P.E. et al et al
EPI_ISL_745200	Nizams Institute of Medical Sciences	CSIR-Centre for Cellular and Molecular Biology	Dr.V.Sudha Rani et al
EPI_ISL_420151; EPI_ISL_706101; EPI_ISL_706106; EPI_ISL_635142; EPI_ISL_688422; EPI_ISL_706104	Nordland Hospital - Bodo, Laboratory Department, Molecular Biology Unit	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen et al
EPI_ISL_534243	Norra Alvsborgs lanssjukhus	The Public Health Agency of Sweden	Anna-Malin Linde et al
EPI_ISL_548087, EPI_ISL_548076; EPI_ISL_579408; EPI_ISL_579407	North Shore Hospital	Institute of Environmental Science and Research (ESR)	Xiaoyun Ren et al
EPI_ISL_478640; EPI_ISL_577000; EPI_ISL_478520; EPI_ISL_578697	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 et al
EPI_ISL_708181; EPI_ISL_708051; EPI_ISL_769989	Norwegian Institute of Public Health, Department of Virology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen et al
EPI_ISL_735438	Nuclei Acid Testing - Rwanda National Reference Laboratory	GIGA Medical Genomics	Yvan Butera et al
EPI_ISL_735444; EPI_ISL_735448; EPI_ISL_735437; EPI_ISL_735437; EPI_ISL_735438; EPI_ISL_735446	Nucleic Acid Testing - Rwanda National Reference Laboratory	GIGA Medical Genomics	Yvan Butera et al
EPI_ISL_700466	Nyanga CDC we NGC	NHLS/UCT	Arash Iranzadeh et al
EPLISL_45705	OMAN-NIC	Department of Microbiology and Immunology- SQUH	Fahad Zadjali et al
EPI_ISL_41958	OR State PHL-Virology/Immunology Section	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Ying Tao et al A
EPI_ISL_488182_EPI_ISL_488181	OUCRU	OUCRU	Nguyen Van Vinh Chau et al
EPI_ISL_460739	OUCRU/HTD	OUCRU/HTD	Nguyen Van Vinh Chau et al
EPI_ISL_468116; EPI_ISL_468116; EPI_ISL_468121	Oman National Influenza Centre	Department of Microbiology and Immunology-SQUH	Fahad Zadjali et al
EP, ISL 492005, EP, ISL 492006, EP, ISL 491994, EP, ISL 491999, EP, ISL 491996, EP, ISL 491996, EP, ISL 49201, EP, ISL 49201, EP, ISL 49202, EP, ISL 49201,	Oman-NIC	Department of Microbiology and Immunology-SQUH	Fahad Zadjali et al
EPI_ISL_457976; EPI_ISL_457980; EPI_ISL_457976; EPI_ISL_457976; EPI_ISL_457907; EPI_ISL_457907; EPI_ISL_457909; EPI_ISL_457906; EPI_ISL_457904	Oman-NIC	Oman-NIC	Samira Al-Maruqi et al
EPI_ISL_491154	Oman-National Influenza Center	Biotechnology & OMICs Laboratory	Abdul Latif Khan et al
EP_ISL_525426; EP_ISL_525422; EP_ISL_491161; EP_ISL_491166	Oman-National Influenza Center	Biotechnology & OMICs Laboratory	Sajjad Asaf et al
EPI_ISL_491133	Oman-National Influenza Center	Biotechnology & OMICs Laboratory	Samiha Al-Kharusi et al
EP_JSL_525426; EP_JSL_491126; EP_JSL_491131; EP_JSL_491130	Oman-National Influenza Center	Biotechnology & OMICs Laboratory	Samira Al-Mahruqi et al
EPI JSL_518847	Oman-National Influenza Center	Biotechnology & OMICs Laboratory, Natural & Medical Sciences Research Center, University of Nizwa	Abdul Latif Khan et al
EPJ ISL 518823	Oman-National Influenza Center	Biotechnology & OMICs Laboratory, Natural & Medical Sciences Research Center, University of Nizwa	Samira Al-Mahruqi et al
EP ISI, 40006	Oman-National Influenza Center	Department of Microbiology and Immunology-SQUH Department of Microbiology and Immunology, Sultan Qaboos University	Samira Al-Maruqi et al
EPI ISL 509917; EPI ISL 509917; EPI ISL 509917; EPI ISL 509927; EPI ISL 509927; EPI ISL 509924; EPI ISL 509924; EPI ISL 509925; EPI ISL 509924; EPI ISL 509924; EPI ISL 509925; EPI ISL 509925	Omsk Research Institute of Natural Focal Infections	Hopsital, P.O. 35, Postal code 123 WHO National Influenza Centre Russian Federation	Artem Fadeev et al
EPL/SL_475533, EPL/SL_475534	Omtanken Grimmered	The Public Health Agency of Sweden	Oskar Karlsson Lindsjo et al
EPI_ISL_625639	Orange County Public Health Lab	Chan-Zuckerberg Biohub	CZB Cliahub Consortium et al
EPI_ISL_54837	Orange County Public Health Laboratory	Chan-Zuckerberg Biohub	CZB Cliahub Consortium et al
EPI_ISL_582791; EPI_ISL_582788; EPI_ISL_680382; EPI_ISL_680379; EPI_ISL_615120; EPI_ISL_648205	Orebro klinisk mikrobiologi	The Public Health Agency of Sweden	Anna-Malin Linde et al
EPI_ISL_676513; EPI_ISL_676493	Orebro klinisk mikrobiologi	The Public Health Agency of Sweden	Department of Microbiology et al
EPIJSL_475135	Orebro klinisk mikrobiologi	The Public Health Agency of Sweden	Oskar Karlsson Lindsjo et al
EPI_3S_710866	Orsa VC	The Public Health Agency of Sweden	Department of Microbiology et al
EPI_ISL_475519	Orsa VC	The Public Health Agency of Sweden	Oskar Karlsson Lindsjo et al
EPI_ISL_417483	Oslo University Hospital, Department of Medical Microbiology	Norwegian Institute of Public Health	Kathrine Stene-Johansen et al
EP] ISL, 41749; EP] ISL, 40105; EP] ISL, 40004; EP] ISL, 75999; EP] ISL, 471175; EP] ISL, 49335; EP] ISL, 59090; EP] ISL, 59090; EP] ISL, 59090; EP] ISL, 49325; EP] ISL, 49335; EP] ISL, 4933	Oslo University Hospital, Department of Medical Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen et al
EP IS_40330; EP IS_40300; EP IS_4717; EP IS_500016; EP IS_403307; EP IS_700175 EP IS_4705] EP IS_47016; EP	Osmania Medical College	CSIR-Centre for Cellular and Molecular Biology	Dr.V.Sudha Rani et al
EPI (SL 528924	Ospedale "Giuseppe Mazzini"-Teramo	Istitituto Zooprofiattico Sperimentale dell'Abruzzo e Molise "G.Caporale"	Lorusso A et al
EP JISL 520016; EP JISL 520016; EP JISL 520022	Ospedate "Ss. Annunziata"	Istitituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G.Caporale"	Lorusso A et al
EP IS. 42094	Ospedale Civile Castel Di Sangro	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G.Caporale"	Lorusso A et al

EPI_ISL_528992 Ospedale SS Annunziata-Sulmona Istitituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G.Caporale" Lorusso A et al EPI_ISL_481210; EPI_ISL_580988; EPI_ISL_708112; EPI_ISL_481207; EPI_ISL_481213; EPI_ISL_63116; EPI_ISL_549092; EPI_ISL_549103; EPI_ISL_549114; EPI_ISL_549115; EPI_ISL_549118; EPI_ISL_549117; EPI_ISL_549103; EPI_ISL_549116; Ostfold Hospital Trust - Kalnes, Centre for Laboratory Medicine, Section for gene technology and infection serology Norwegian Institute of Public Health, Department of Virology Kathrine Stene-Johansen et al Deffold Hospital Trust-Kalnes Centre for Laboratory Medicine Section for gene technology and infection serology

Nonwegian Institute of Public Health, Department of Virology FPI ISI 420148 EP IS. \$55021; EP IS. \$73216; EPI IS. \$73216; EPI IS. \$73216; EPI IS. \$73207; EPI IS. \$59807; EPI IS. \$57306; EPI IS. \$57307; EPI IS. \$59007; Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals: Basingstoke and North Hampshire Hospital COVID-19 Genomics UK (COG-UK) Consortium Tanya Golubchik et al A Oxford Viromics, NDM, University of Oxford; Oxford University Hospitals: Basingstoke and North Hampshire Hospital COVID-19 Genomics UK (COG-UK) Consortium Tanya Golubchik et al B (https://virological.org/t/preliminary-analysis-o sars-cov-2-importation-establishment-of-uk-transmission-lineages/507 EPI ISL 448801 Wellcome Sanger Institute for the COVID-19 Genomics LIK (COG-LIK) consortium FPI ISI 458372 FPI ISI 487714 FPI ISI 492793 PHF South West Regional Laboratory, National Infection Service Stenhanie Hutchings et al. EPI ISL 678257 PHI Institute of Nephrology - Struga Research Center for Genetic Engineering and Biotechnology "Georgi D. Efremov", Macedonian Academy of Sciences and Arts RCGER - MASA et al EPI ISL 733570 POK OI HOSPITAL Hong Kong Department of Health Alan K.L. Tsang et al EP 18. 98697; EP 18. 586927; EP 18. 586927; EP 18. 586925; EP 18. Palestinian Ministry of Health Molecular Genetics Lab Nouar Qutob et al EPL_ISL_707939; EPL_ISL_708193; EPL_ISL_708196; EPL_ISL_708196; EPL_ISL_708196; EPL_ISL_7079396; EPL_ISL_707939; EPL_ISL_708196; EPL_ISL_70819 Pamukkale University Hospital Pamukkale University Department of Medical Genetics Onur TOKGUN et al. et al Pandit Deendayal Upadhyay Government Medical College, Rajkot Gujarat Biotechnology Research Centre Anjali Rajwar et al EPI ISL 461482 EPI ISL 430845 Research Institute for Tropical Medicine EPI_ISL_654866 Department of Microbiology and Immunology - Pasteur Institute in Ho Chi Minh city Cao Minh Thắng et al Pasteur Institute in Ho Chi Minh city EPI_ISL_654889 Pasteur Institute in Ho Chi Minh city Department of Microbiology and Immunology - Pasteur Institute in Ho Chi Minh city Hoàng Quốc Cường et al EPI_ISL_654881; EPI_ISL_654882 Pasteur Institute in Ho Chi Minh city Lương Chấn Quang et al Department of Microbiology and Immunology - Pasteur Institute in Ho Chi Minh city EPI_ISL_65488 Pasteur Institute in Ho Chi Minh city Department of Microbiology and Immunology - Pasteur Institute in Ho Chi Minh city Nguyễn Thanh Long et a EPI ISL 65488 Phan Trong Lân et al EPI_ISL_442523 Sirous Zeinali et al EPI_ISL_463749 Pasteur Institute of Iran PathLab Bay of Plenty Institute of Environmental Science and Research (ESR) EPI_ISL_582018; EPI_ISL_582020; EPI_ISL_582019; EPI_ISL_582021 EPI_ISL_420456; EPI_ISL_470860; EPI_ISL_470861 PathWest Laboratory Medicine WA PathWest Laboratory Medicine WA Chisha Sikazwe et al EPI_ISL_596891; EPI_ISL_596796; EPI_ISL_596766; EPI_ISL_596764; EPI_ISL_596984; EPI_ISL_512715; EPI_ISL_512716; EPI_ISL_512737; EPI_ISL_672637; EPI_ISL_596770; EPI_ISL_596842 PathWest Laboratory Medicine WA PathWest Laboratory Medicine WA Microbial Surveillance Unit PathWest Laboratory Medicine WA Microbial Surveillance Unit et al EPI_ISL_582022; EPI_ISL_582023 Institute of Environmental Science and Research (ESR) Xiaovun Ren et al Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST) EPI ISL 513020 Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST) Afrah Alsomali et al Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST) EPI_ISL_678097; EPI_ISL_678101 Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST) Amanda Ooi et al Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST) EPI_ISL_513178; EPI_ISL_512994; EPI_ISL_513177 Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST) Amit Kumar Subudhi et al Pathogen Genomics Lab King Abdullah University of Science and Technologyl(KAUST)

Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST) EPI_ISL_512923; EPI_ISL_512922; EPI_ISL_512920; EPI_ISL_512924; EPI_ISL_512921; EPI_ISL_512928; EPI_ISL_512927; EPI_ISL_512925 Fadwa Alofi et al Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST) EPI_ISL_678066; EPI_ISL_513081; EPI_ISL_636966 Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST) Fathia Ben Rached et a Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST) EPI ISL 678125 Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST) Luke Esau et al Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST) Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST) Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST) EPI_ISL_678196; EPI_ISL_512898; EPI_ISL_512890; EPI_ISL_513211; EPI_ISL_512875; EPI_ISL_513210 Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST) Raeece Naeem et al Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)

Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST) EPI_ISL_513203; EPI_ISL_513035; EPI_ISL_513205; EPI_ISL_636963 Rahul P Salunke et al Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST) Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST) Raushan Nugmanova et al EPI_ISL_512446; EPI_ISL_678035; EPI_ISL_437444; EPI_ISL_678224; EPI_ISL_678224; EPI_ISL_678226; EPI_ISL_678226; EPI_ISL_678226; EPI_ISL_678226; EPI_ISL_678227; EPI_ISL_578246; EPI_ISL_578246 Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST) Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST) Sara Mfarrei et al Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST) EPI_ISL_437460; EPI_ISL_437475; EPI_ISL_437459; EPI_ISL_678080; EPI_ISL_678141; EPI_ISL_437757; EPI_ISL_437701; EPI_ISL_678072; EPI_ISL_437753 Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST) EPI_ISL_733175; EPI_ISL_733169; EPI_ISL_566079; EPI_ISL_566080; EPI_ISL_566351; EPI_ISL_566083; EPI_ISL_566083; EPI_ISL_596339; EPI_ISL_733165; EPI_ISL_733166; EPI_ISL_733166; EPI_ISL_733169; EPI_ISL_733169; EPI_ISL_560839; EPI_ISL_56639; EPI_ISL WHO National Influenza Centre Russian Federation Pathogenic Microorganisms Variability Laboratory Andrey Komissarov et al A Pathologie-Labor Dr. Obrist- Dr. Brunhuber Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences Alexandra Popa et al A EPI ISL 583625 EPI ISL 407894; EPI ISL 410718 Pathology Queensland Public Health Virology Laboratory Ben Huang et al A Ben Huang et al B (https://dx.doi.org/10.2807/1560-7917.ES. 2020.25.13.2000305) EPI ISL 410717 Pathology Queensland Public Health Virology Laboratory EPI ISL 414414 Pathology Queensland Public Health Virology Laboratory Bixing Huang et al EPI_ISL_539850; EPI_ISL_539851 Pok Oi Hospital Hong Kong Department of Health Alan K.L. Tsang et al EPI_ISL_745187 Port Nolloth Hospital National Health Laboratory Service (NHLS), Tygerberg Susan Engelbrecht et al EPI_ISL_529013 Presidio Ospedaliero "S.Filippo e Nicola"-Avezzano Istitituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G.Caporale" Lorusso A et al EPI ISL 429226 Presidio Ospedaliero Santo Spirito Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale" Lorusso A et al Aldise M Nastri et al EPI_ISL_759955 Primasatya Husada Citra Hospital Institute of Tropical Disease, Universitas Airlangga Alan K.L. Tsang et al Prince of Wales Hospital Hong Kong Department of Health EPI_ISL_613534; EPI_ISL_613550; EPI_ISL_613536; EPI_ISL_613559 Programa de Oncovirologia, Instituto Nacional de Câncer Programa de Oncovirologia, Instituto Nacional de Câncer Juliana D. Sigueira et a EPI_ISL_591519; EPI_ISL_591521 Programa de Virología, Facultad de Medicina UC Center for Mathematical Modeling and Center for Genome Regulation. Santiago, Chile Gaggero A et al Programme in Emerging Infectious Diseases, Duke-NUS Medical School EPI_ISL_574492; EPI_ISL_574491; EPI_ISL_574480 National Public Health Laboratory, National Centre for Infectious Diseases Tze Minn Mak et al EPI ISL 523959 Pronto Socorro Municipal de Perus Instituto Adolfo Lutz, Interdiciplinary Procedures Center, Strategic Laboratory Claudio Tavares Sacchi et al B EPI ISL 693231 Pronto Socorro Municipal de Santa Branca Instituto Adolfo Lutz, Interdiciplinary Procedures Center, Strategic Laboratory Claudio Tavares Sacchi et al B EPI ISL 582134 Protzer Lab Protzer Lab Ulrike Protzer et al EPI_ISL_404895 Providence Regional Medical Center Division of Viral Diseases, Centers for Disease Control and Prevention Queen et al (https://dx.doi.org/10.1101/2020.03.02.972935) EPI_ISL_572329 Public Health Authority of the Slovak Republic, Bratislava Faculty of Natural Sciences. Comenius University in Bratislava Dominika Fričová et al EPI ISL 636973 Public Health Lab Public Health Lab Alwasti et al EPI_ISL_425177 Public Health Ontario Public Health Agency of Canada - National Microbiology Laboratory Amrit S. Boese et al EPI_ISL_413015 Public Health Ontario Laboratory National Microbiology Laboratory Shari Tyson et al

EPI_ISI_513313; EPI_ISI_513312	Public Health, United States Air Force School of Aerospace Medicine	Public Health, United States Air Force School of Aerospace Medicine	Fries et al
EPI_ISL_753066	Puskesmas Grogol, Sukoharjo	Universitas Sebelas Maret (UNS); Rumah Sakit UNS (RS-UNS); National Institute of Health Research and Development, Indonesian Ministry of Health.	Yulia Sari et al
EPI_ISL_63296	Puskesmas Mlati 1 Sleman	inconcessal natissary or reason. Genetics Working Group (Pokja Genetik) Faculty of Medicine, Public Health and Nursing Universitas Gadjah Mada (FK-KMK UDM). Disease Investigation Center Wates Ministry of Agriculture Indonesis. Department of Microbiology FK-KMK UDM. Laboratorium Disponsik Fryasan Talla World Mosqualip Porgam (MMP) Yogaphasis Center for Tropial Medicine FK-KMK UDM. Hosparted Research Center FK-KMK UDM. Department of Computer Science and Electronics FMIPA UDM; RSUP Dr. Sardillo	Gunadi et al
EPUSL 574610	Puskesmas Tambora	Sardjito Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Frilasita A Yudhaputri et al
EPI_ISL_518819	Qadr Hospital, Tangerang, Banten	Biosafety Level-3 Laboratory, Indonesian Institute of Sciences (LIPI)	Anik Budhi Dharmayanthi et al
EPI_SL_457302; EPI_SL_457305; EPI_SL_457333	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	Dave J. Baker et al A (https://virological.org/l/preliminary-analysis-of-
EPI ISI. 599106; EPI ISI. 684246; EPI ISI. 627080	Quadram Institute Bioscience	COVID-19 Genomics UK (COG-UK) Consortium	sars-cov-2-importation-establishment-of-uk-transmission-lineages/507) Dave J. Baker et al B
EPI_SIL_487435, EPI_SIL_487436, EPI_SIL_487433	Queen Astrid Military Hospital	Institute of Tropical Medicine	Philippe Selhorst et al
EP_USL_759996	Queen Elizabeth Hospital	Hong Kong Department of Health	Alan K.L. Tsang et al
EPI_ISL_73571; EPI_ISL_536816; EPI_ISL_536817	Queen Mary Hospital	Hong Kong Department of Health	Alan K.L. Tsang et al
EPI IS. 49900	Queens Medical Centre, Clinical Microbiology Department / DeepSec		Gemma Clark et al
EPI_ISL_500232; EPI_ISL_500208	Nottingham Queensland Health Forensic and Scientific Services, Public Health Virology	Public Health Virology Laboratory, Forensic and Scientific Services, Queensland Health	Son Nguyen et al et al
EPI (SL_50823	Virology Quick Care Watertown	South Dakota Public Health Laboratory	Matt Plumb et al
			Matt Plumb et al Adam Kotorashvili et al
EP1_ISL_416482	R. G. Lugar Center for Public Health Research, National Center for Disease Control and Public Health (NCDC) of Georgia. R. G. Lugar Center for Public Health Research, National Center for	R. G. Lugar Center for Public Health Research, National Center for Disease Control and Public Health (NCDC) of Georgia.	
EP_ISL_116480	Disease Control and Public Health (NCDC) of Georgia.	R. G. Lugar Center for Public Health Research, National Center for Disease Control and Public Health (NCDC) of Georgia.	Ann Machablishvili et al
EPI_ISL_416481	R. G. Lugar Center for Public Health Research, National Center for Disease Control and Public Health (NCDC) of Georgia.	R. G. Lugar Center for Public Health Research, National Center for Disease Control and Public Health (NCDC) of Georgia.	Gvantsa Chanturia et al
EPI_ISL_416477; EPI_ISL_416479; EPI_ISL_416478	R. G. Lugar Center for Public Health Research, National Center for Disease Control and Public Health (NCDC) of Georgia.	R. G. Lugar Center for Public Health Research, National Center for Disease Control and Public Health (NCDC) of Georgia.	Marine Murtskhvaladze et al
EPL[SL_415844; EPL]SL_415643; EPL]SL_415641; EPL_SL_415642	R. G. Lugar Center for Public Health Research, National Center for Disease Control and Public Health (NCDC) of Georgia.	R. G. Lugar Center for Public Health Research, National Center for Disease Control and Public Health (NCDC) of Georgia.	Nato Kotaria et al
EPLISL_413561; EPLISL_413576; EPLISL_413506; EPLISL_413576; EPLISL_413575	RIVM	Erasmus Medical Center	David Nieuwenhuijse et al A (https://dx.doi.org/10.1038/s41591-020- 0997-y)
EPLISL_56893	RS Freeport Tembagapura	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Frilasita A Yudhaputri et al
EP_LSL_574613	RS Harapan Bunda	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Frilasita A Yudhaputri et al
EPLISL_574612	RS Hermina Mekarsari	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Frilasita A Yudhaputri et al
EPLISL,763064	RS Kasih Ibu, Surakarta	Universitas Sebelas Maret (UNS); Rumah Sakit UNS (RS-UNS); National Institute of Health Research and Development, Indonesian Ministry of Health.	Betty Suryawati et al
EPI_ISL_574618	RS Kramat 128	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Hidayat Trimarsanto et al
EPI_ISL_763063	RS Panti Waluyo, Surakarta	Universitas Sebelas Maret (UNS); Rumah Sakit UNS (RS-UNS); National Institute of Health Research and Development, Indonesian Ministry of Health.	Betty Suryawati et al
EPI ISL 566688	RS Pelni	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Frilasita A Yudhaputri et al
EPI_ISL_435282; EPI_ISL_437190; EPI_ISL_437191	RS Pondok Indah Hospital – Pondok Indah	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Edison Johar et al
EPI ISL 566689	RS Pondok Indah Puri Indah	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Frilasita A Yudhaputri et al
EPI_ISL_574611	RS Premier Bintaro	Elijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Frilasita A Yudhaputri et al
EPLISL,789702	RS UNS Surakarta	Universitas Sebelas Maret (UNS), Rumah sakit Universitas Sebelas Maret (RS-UNS) Surakarta, National Institute of Health Research and Development, Indonesian Ministry of Health	Betty Suryawati et al
EPUSL 759701	RS UNS, Surakarta	UNS/RS-UNS, Faculty of Medicine	Betty Suryawati et al
EPUSL, 202138	RSAL Dr. Ramelan Surabaya	Institute of Tropical Disease, Universitas Airtangga	Jezzy R Dewantari et al
EPI_SL_454697; EPI_SL_454510	RSE "National Center for Biotechnology"	RSE "National Center for Biotechnology"	Alexandr Shevtsov et al
EPI ISL 750968	RSI Darus Syifa'	Institute of Tropical Disease, Universitas Airlangga	Maria I Lusida et al
EPI ISL_574609	RSJPD Harapan Kita	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Frilasita A Yudhaputri et al
EPLISL_676363	RSUD Budi Rahayu Kota Magelang	Genetics Working Group (Pokja Genetik) Faculty of Medicine, Public Health and Nursing Universitas Gadjah Mada (FK-KMK UGM), Disease Investigation Center Wates Ministry of Agriculture Indonesis. Department of Microbiology FK-KMK UGM; Laboratorium Disponsist Virgassan Entilla World Mosquip Porgram (MuP) Yogyadasis Center for Ticology Medicine FK-KMK UGM. Hospitale Research Center FK-KMK UGM. Department of Computer Science and Electronics FMIPA UGM; Balai Besar Teshrik Kestehstein Linglusgna den Perspedidalen Persyla (EBRLPP) Yogyashus.	Gunadi et al
EP_LISL_769703	RSUD Bung Karno	Universitas Sebelas Maret (UNS), Rumah sakit Universitas Sebelas Maret (RS-UNS) Surakarta, National Institute of Health Research and Development, Indonesian Ministry of Health	Betty Suryawati et al
EPI_ISL_799705	RSUD Bung Karno, Surakarta	Universitas Sebelas Maret (UNS); Rumah Sakit Universitas Sebelas Maret (RS-UNS), Surakarta; National Institute of Health Research and Development, Indonesian Ministry of Health, Jakarta).	Betty Suryawati et al
EPLISL_610161	RSUD Dr. Tjitrowardojo	Genetics Working Group (Pokja Genetik) Faculty of Medicine, Public Health and Nursing Universitas Gadgish Mada (FK-KMK UDM); Disease Investigation Center Wates Ministry of Agriculture Indonesis; Department of Microbiology FK-KMR UDM; Laboratorium Diseaponski Yeyasan Elilay World Mosquish Porgam (MilP) Yogyadark Center for Ticolik Medicine FK-KMK UDM; Inlegated Research Center FK-KMK UDM. Department of Computer Science and Electronics FMIPA UDM; Balsa Bessr Teshik Keshelakin Inglusung and nerpendidaln Pensylik (BIRLPP) Yogyadarkin Inglusung and Pengendidaln Pensylik (BIRLPP) Togyadarkin	Gunadi et al
EPUSL_516829	RSUD Nyi Ageng Serang	Genetica Working Group (Pokis Genetik) Faculty of Medicine, Public Health and Nursing Universities Gağlıkı Madis (FK-KMK USM), Disease, investigatini Centre Wides Minstry of Apriculture Indonesion, Department of Microbiology FK-KMK UCM, Laboratorium Diagnostik Yayasan Tahija World Mosqualo Program (WMP) Yogyakanta Center for Tropical Medicine FK-KMK USM, Integrated Research Center FK-KMK USM, Department of Computer Science and Electronic SIMPA, USM	Gunadi et al
EPI_ISL_56886	RSUD Prof. DR. Margono Soekarjo	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Frilasita A Yudhaputri et al
EPUSL_632937	RSUD Saptosari Gunung Kidul	Genetica Working Group (Polisia Genetik), Faculty of Medicine, Public Health and Nursing Universitas Gadjah Mada (FK-KMK UGM); Diesese Investigation Center Water Ministry of Agriculture inforeaction, Department of Microbiology FK-KMK UGM. Laborationium Diagnosium Kryasan Tallay Morke Monoqual Program (MMP) Yogyakant Center for Tripcium Medicine FK-KMK UGM. UGM. Integrated Research Center FK-KMK UGM. Department of Computer Science and Electronics FMPA UGM. Bala Beast Teshis Keethalam Laplurgatic Americandian Persyale (GBM-PY) Yogyakant	Gunadi et al
EPI_SL_02987; EPI_SL_759853	RSUD Sidoarjo	Institute of Tropical Disease, Universitas Airlangga	Aldise M Nastri et al
EP_USL_52996	RSUD Sidoarjo	Institute of Tropical Disease, Universitas Airlangga	Kazufumi Shimizu et al
EP_LSL_79996	RSUD Sidoarjo	Institute of Tropical Disease, Universitas Airlangga	Krisnoadi Rahardjo et al
EP_LSL_73899	RSUD Ulin Banjarmasin Kalimantan Selatan	National Institute of Health Research and Development	Subangkit et al
EPI_ISL_538510	RSUD Ulin Banjarmasin South Kalimantan	National Institute of Health Research and Development	Pawestri et al
EP_LISL_576128; EP_LISL_576130; EP_LISL_676114	RSUP Dr. Sardjito	Genetics, Working Group, Pelgis Genetiki Faculty of Medicine, Public Health and Musting Universitate Gadjah Mada (FK-KMK USM), Disease investigation Center Wissels Marsisty of Apriliadure Indonesia; Department of Microbology FK-KMK USM, Laboratorium Diagnosiak Yayasan Tahija World Mosquilo Program (WMP) Yogyashar Center for Tropical Medicine FK-KMK USM, Integrated Research Center FK-KMK USM, Department of Computer Science and Electronics FMFA USM	Gunadi et al
EP_LSL_467376	RSUP Fatmawati	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Edison Johar et al
EPI_SL_56891; EPI_SL_56887; EPI_SL_56890	RSUP Fatmawati	Eijkman Institute for Molecular Biology, Ministry of Research and Technology/National Agency for Research and Innovation	Frilasita A Yudhaputri et al
EP_LSL_637113, EP_LSL_637112 EP_LSL_637110	Rafik Hariri University Hospital	Microbial Pathogenomics Lab	Georgi Merhi et al
EP_ISL_400512; EP_ISL_400515; EP_ISL_400515; EP_ISL_400511; EP_ISL_400514; EP_ISL_40516; EP_ISL_405406; EP_ISL_405000	Rafik Hariri University Hospital	Rafik Hariri University Hospital	Rita Feghali et al

EP, ISL_447026, EP, ISL_447020, EP, ISL_447016, EP, ISL_447025, EP, ISL_445025, EP, ISL_445026, EP, ISL_447026, EP, ISL_447026, EP, ISL_568880, EP, ISL_568880, EP, ISL_447026, EP, ISL_447016, EP, ISL_44704, EP, ISL_447027	Ramathibodi Hospital	COVID-19 Network Investigations (CONI) Alliance	Elizabeth Batty et al
EPI_ISL_735490	Rangamati General Hospital RT-PCR lab,	Central Biological Research Laboratory and Department of Biochemistry and Molecular Biology	Robiul Hasan Bhuiyan et al
EPI_ISL_745199	Rangaraya Medical College	CSIR-Centre for Cellular and Molecular Biology	Dr.V.Sudha Rani et al
EPI ISL 708735	Regional Medical Sciences Center 11/1 phuket	National Institute of Health, Department of Medical Sciences, Ministry of Public Health, Thailand	Pilailuk Okada et al
EPI_ISL_585174	Regional Virus Laboratory, Belfast Health and Social Care Trust	COVID-19 Genomics UK (COG-UK) Consortium	Conall McCaughey et al
EPI_JSL_482042; EPI_JSL_561040; EPI_JSL_501026; EPI_JSL_470022	Regional Virus Laboratory, Belfast Health and Social Care Trust	Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium	Conall McCaughey et al
EPI_ISL_708811; EPI_ISL_708810	Regional medical sciences center 2 Phitsanulok	National Institute of Health, Department of Medical Sciences, Ministry of Public Health, Thailand	Pilailuk Okada et al
EPI_ISL_708808; EPI_ISL_708800; EPI_ISL_708800; EPI_ISL_708800; EPI_ISL_708801; EPI_ISL_708801; EPI_ISL_70801; EPI_ISL_70801; EPI_ISL_708004; EPI_ISL_708004;	Regional medical sciences center 6 chonburi	National Institute of Health, Department of Medical Sciences, Ministry of Public Health, Thailand	Pilailuk Okada et al
EPI_ISL_491474	Research Institute for Tropical Medicine	Research Institute for Tropical Medicine	Ma. Angelica Tujan et al
EPI_ISL_451934	Research Unit, University Hospital for Infectious Diseases "Dr. Fran Mihaljević"	Cicin Sain lab, Helmholtz Centre for Infection Research	Zeeshan Chaudhry et al
EP ISL_407071; EP ISL_407073; EP ISL_414042; EP ISL_414041; EP ISL_414044; EP ISL_414042; EP ISL_414009; EP ISL_414009; EP ISL_414011; EP ISL_40101; EP ISL_402175;	Respiratory Virus Unit, Microbiology Services Colindale, Public Health	Respiratory Virus Unit, Microbiology Services Colindate, Public Health England	Monica Galiano et al (https://virological.org/t/preliminary-analysis-of-sars- cov-2-importation-establishment-of-uk-transmission-lineages/507)
EPI_ISL_464199; EPI_ISL_464210; EPI_ISL_464220; EPI_ISL_464220; EPI_ISL_464227; EPI_ISL_464199; EPI_ISL_464199; EPI_ISL_464221; EPI_ISL_464109; EPI_ISL_464109	England Respiratory Virus Unit, Microbiology Services Colindale, Public Health England		cov-2-importation-establishment-of-uk-transmission-lineages/507) PHE Covid Sequencing Team et al
EPI_ISL_682296	Respiratory virus Laboratory, Chinese Academy of Medical Science	Respiratory virus Laboratory, Chinese Academy of Medical Science	Li et al
EPI_ISL_430456	Rizal Medical Center	Research Institute for Tropical Medicine	Medado et al
EPI_ISL_481256; EPI_ISL_481262; EPI_ISL_481264; EPI_ISL_481253	Robert Koch Institute, National Reference center for Influenza, Berlin, Germany	Robert Koch Institute, Bioinformatics MF1, Berlin, Germany	Marianne Wedde et al
EPI_ISL_751799	Robert Koch Institute, National Reference center for Influenza, Berlin, Germany	Robert Koch Institute, Bioinformatics MF1, Berlin, Germany	Stephan Fuchs et al
EPI_ISL_483142; EPI_ISL_483149; EPI_ISL_483153; EPI_ISL_483159; EPI_ISL_483149; EPI_ISL_483159; EPI_ISL_483149; EPI_ISL_483149	Robert Koch Institute, ZBS1 Highly Pathogenic Viruses, Berlin,	Robert Koch Institute, Bioinformatics MF1, Berlin, Germany	Janine Michel et al
단(B, 46314) 단(B, 46315) 단(B, 46316) 단(B, 46314) 단(B, 54314) 단(B, 54315) 단(B, 46314)	Germany 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 et al
EPI ISL 51600	State Health Secretariat of Rondônia (SESAU/RO) Rumah Sakit Akademik Universitas Gadiah Mada	Genetics Working Group (Pokis Genetik) Faculty of Medicine, Public Health and Nursing Universitas Gadjah Mada (FK-KMK UGM), Disease Investigation: Center Waltes Ministry of Agriculture Indonesia. Department of Microbiology FK-KMK UGM, UGM, Integrated Research center FK-KMK UGM. Pepartment of Computer Science and Electronics FMIRA UGM.	Gunadi et al
		UGM; Integrated Research center FK-KMK UGM; Department of Computer Science and Electronics FMIPA UGM	
EPI_ISL_516806	Rumah Sakit PKU Gamping	Genetics Working Group (Policy Genetik) Faculty of Medicine, Public Health and Nursing Universities Gedath Made (FK-KMK USM). Disease threetingstimer Conference Misrael Mental Perioducine Indicates Journal Conference of Microbiology FK-KMK USM). Laboratorium Diagnostik Vayasan Tahja World Mosquish Program (WMR) Yogyaskarta Center for Tropical Medicine FK-KMK USM). Expanism of Computer Science and Electronics MIMPA USM.	Gunadi et al
EPI_ISL_759642	Rumah Sakit Universitas Sebelas Maret (RS-UNS)	Universitas Sebelas Maret (UNS); Rumah Sakit Universitas Sebelas Maret (RS-UNS), Surakarta; National Institute of Health Research and Development, Indonesian Ministry of Health, Jakarta.	Betty Suryawati et al
EPI_ISL_491296	Rural Health Unit - Calauan, Laguna	Research Institute for Tropical Medicine	Tujan et al
EPI_ISL_470896	Russian State Collection of Viruses	Pathogenic Microorganisms Variability Laboratory	Alexey Shchetinin et al
EPI_ISL_735445	Rwanda National Reference Laboratory	GIGA Medical Genomics	Yvan Butera et al
EPLISL_707789	Rwanda National Reference Laboratory	Rwanda National Reference Laboratory	Enatha Mukantwari et al
EPI_ISL_488037; EPI_ISL_488032; EPI_ISL_603124; EPI_ISL_654795; EPI_ISL_654806; EPI_ISL_654806	SA Pathology	SA Pathology	Lex Leong et al
EPI_ISL_45503	SA Pathology	VPRL	Beard et al
EPI_ISL_738044	SIESP CHIETI - DRIVE IN LANCIANO	Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G. Caporale"	Lorusso A et al
EPI_JSL_646217	SILAB	Laboratorio Mixto de Biotecnología Acuática (LMBA)	Joaquin Ezpeleta et al
EPI_ISL_512073	Saikrishna Hospital, Mehsana	Gujarat Biotechnology Research Centre	Apurvasinh Puvar et al
EPI_USL_512072	Saikrishna Hospital, Mehsana	Gujarat Biotechnology Research Centre	Harshadbhai Parmar et al
EPI_ISL_636144; EPI_ISL_649026; EPI_ISL_494594; EPI_ISL_4944621; EPI_ISL_630080	San Diego County Public Health Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Tracy Baster et al
EPI_ISL_542285; EPI_ISL_542386	San Matteo Hospital Pavia	Dep. Of Oncology and Hemato-Oncology University of Milan	Claudia Alteri et al
EPI_ISL_750176; EPI_ISL_750161; EPI_ISL_750170; EPI_ISL_750170; EPI_ISL_750170; EPI_ISL_740155; EPI_ISL_740155; EPI_ISL_740165; EPI_ISL_750166; EPI_ISL_750166; EPI_ISL_750906; EPI_ISL_7501011; EPI_ISL_750107; EPI_ISL_750177; EPI_ISL_750177; EPI_ISL_750176; EPI_ISL_75017	Sanatorio Americano	Institut Pasteur de Montevideo	Daiana Mir et al
EPI_ISL_435580_EPI_ISL_435583	Santa Clara County Public Health Department	Chiu Laboratory, University of California, San Francisco	Xianding Deng et al
EPI_ISL_529718	Santo Borromeus Hospital	Laboratorium Kesehatan Provinsi Jawa Barat; School of Life Sciences and Technology & School of Pharmacy-Institut Teknologi Bandung; Molecular Genetics Laboratory-Faculty of Medicine-Universitas Padjadjaran	Ema Rahmawati et al
EP ISL 528751	Santo Borromeus Hospital	sanioung, wolecular Generics Laboratory-vacuity or Medicine-Universitas Padjadjaran Molecular Genetics Laboratory-Faculty of Medicine-Universitas Padjadjaran; School of Life Sciences and Technology & School of Pharmacy-Institut Teknologi Bandung; Laboratorium Kesehattan Provinsi Jawa Barat	Yunia Sribudiani et al
EP ISI, 528740	Santosa Hospital Bandung Central	Pharmacy-Institut Teknologi Bandung; Laboratorium Kesehatan Provinsi Jawa Barat School of Life Sciences and Technology & School of Pharmacy-Institut Teknologi Bandung, Molecular Genetics Laboratory- Faculty of Medicine-Universitas Padjadigaran; Laboratorium Kesehatan Provinsi Jawa Barat	Husna Nugrahapraja et al
EPI_ISL_75429	Santosa Hospital Bandung Central	Faculty of Medicine-Universitas Padjadjaran; Laboratorium Kesehatan Provinsi Jawa Barat School of Life Sciences and Technology & School of Pharmacy-Institut Teknologi Bandung; Molecular Genetics Laboratory- Faculty of Medicine-Universitas Padjadjaran; Laboratorium Kesehatan Provinsi Jawa Barat	Marselina Irasonia Tan et al
EPLISI_511870	Santosa Hospital Bandung Kopo	Laboratorium Kesehatan Provinsi Jawa Barat; Molecular Genetics Laboratory-Faculty of Medicine-Universitas Padjadjaran; School of Life Sciences and Technology & School of Pharmacy-Institut Teknologi Bandung	Ema Rahmawati et al
EPI_ISL_479833; EPI_ISL_479835; EPI_ISL_479800; EPI_ISL_479799	Sapporo City Institute of Public Health	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka et al C (https://www.medrxiv.org/content/10. 1101/2020.07.01.20143958v1)
EPI_ISL_51029	School of Veterinary Medicine, Disease Control	School of Veterinary Medicine, Disease Control	1101/2020.07.01.20143958V1) Simulundu et al
EP SL, 676076; EP ISL, 676596; EP SL, 676590; EP SL, 676590; EP SL, 676590; EP SL, 676590; EP SL, 661195; EP SL, 661195; EP SL, 676590; EP SL, 676190; EP SL, 676590; EP SL, 6765	Scientific Veterinary Institute Novi Sad	Veterinary Specialized Institute "Kraljevo", Serbia	Vidanovic et al
EPI_ISL_08228	Secao Centro de Diagnostico Secedi	Instituto Adolfo Lutz, Interdiciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi et al B
EPI_ISL_70630	Secretaria Municipal de Saude de Fernandópolis	Instituto Adolfo Lutz, Interdiciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi et al B
EP_ISL_417924	Secretaria de Salud Medellin	Instituto Nacional de Salud, Universidad Cooperativa de Colombia, Instituto Alexander von Humboldt, Imperial College-London, London School of Hygiene & Tropical Medicine	Marcela Mercado-Reyes et al (https://dx.doi.org/10.1101/2020. 06.02.20120782)
EPI_ISL_708529	Secretária Municipal de Saude de Fernandópolis	Instituto Adolfo Lutz, Interdiciplinary Procedures Center, Strategic Laboratory	Claudio Tavares Sacchi et al B
EPLISI_6939M			Sylvie Behilfil et al
EPI_iSL_421512	Sentinelles, Chanteloup-En-Brie	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	*
	Sentinelles, Chanteloup-En-Brie Service de Biologie Médicale - BP 125	National Reference Center for Viruses of Respiratory Inflections, Institut Pasteur, Paris National Reference Center for Viruses of Respiratory Inflections, Institut Pasteur, Paris	Mélanie Albert et al C
EP_ISL_420596; EP_ISL_420000; EP_ISL_420088	Service de Biologie Médicale - BP 125 Servicio Virosis Respiratorias-Departamento Virologia-INEI	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris Instituto Nacional Enfermedades Infecciosas C.G.Malbran	Mélanie Albert et al C Baumeister E. et al (https://dx.doi.org/10.1101/2020.05.23.20111443)
	Service de Biologie Médicale - BP 125 Servicio Virosis Respiratorias-Departamento Virologia-INEI	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris Instituto Nacional Enfermedades Infecciosas C.G.Malbran	Mélanie Albert et al C Baumeister E. et al (https://dx.doi.org/10.1101/2020.05.23.20111443)
EPI_SL_420999, EPI_ISL_420600, EPI_ISL_420998	Service de Biologie Médicale - BP 125 Servicio Virosis Respiratorias-Departamento Virologia-INEI Servicio de Microbiologia. Consorcio Hospital General Universitario de Valencia	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris Instituto Nacional Enfermedades Infecciosas C.G.Malbran Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health	Mélanie Albert et al C
EPI_ISL_420999; EPI_ISL_420900; EPI_ISL_420998 EPI_ISL_416465 EPI_ISL_S38163	Service de Biologie Médicale - BP 125 Servicio Virosis Respiratorias-Departamento Virologia-INEI	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris Instituto Nacional Enfermedades Infecciosas C.G.Malbran	Mélanie Albent et al C Baumeister E. et al (https://dx.doi.org/10.1101/2020.05.23.20111443) Griedels De Naron et al A (https://dx.doi.org/10.1101/2020.05.23.20111443) 04.20.05039)
EPI_ISL_420999, EPI_ISL_420800; EPI_ISL_420898 EPI_ISL_416485 EPI_ISL_538163 EPI_ISL_668790; EPI_ISL_500055; EPI_ISL_510346; EPI_ISL_510343; EPI_ISL_510345; EPI_ISL_722214; EPI_ISL_722245; EPI_ISL_722245; EPI_ISL_722285; EPI_ISL_722272; EPI_ISL_722271	Servico de Biologie Médicale - BP 125 Servicio Virosia Respiratorias-Departamento Virologia-INEI Servicio de Microbiologia. Consocio Hospital General Universitario de Valencia Servicio de Microbiologia y Parasitologia clinica. UCEIMP, Hospital Universitato Vegen del Ricciola (SCGCUS)	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris Instituto Nacional Enfermedades Infeccionas C.G.Malbran Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health SeqCOVID-SPAIN consortium/IBV(CSIC)	Mélanie Albert et al C Baumeister E. et al (https://dx.doi.org/10.1101/2020.05.23.20111443) Griedels De Marco et al A (https://dx.doi.org/10.1101/2020. Guillermo Martin Guiderrez et al
EPI_ISL_420999; EPI_ISL_420900; EPI_ISL_420998 EPI_ISL_416465 EPI_ISL_S38163	Servica de Biologie Médicale - BP 125 Servicia Virosia Respiratorias-Departamento Virologia-INEI Servicio de Miroshiotga. Consocio Hospital General Universitario de Valencia Servicio de Miroshiotgia y Parastalogia clinica. UCEMP, Hospital Universitario Vigen de Rocio-IBSC/SCI/US Servicio de Miroshiotgia, Hospital Miguel Servet, Zaragoza	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris Instituto Nacional Enfermedades Infecciosas C.G.Mabran Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health SeqCOVID-SPAIN consortium(BV(CSIC) SeqCOVID-SPAIN consortium(BV(CSIC)	Mélaine Albert et al C Baumeister E. et al (https://dx.doi.org/10.1101/2020.05.23.20111443) Griséda De Marco et al A (https://dx.doi.org/10.1101/2020. Guillemo Martin Guidernez et al Antonio Rezusta López et al

EPI_BS_426178	Servicio de Microbiología. Consorcio Hospital General Universitario de Valencia	e Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health	David Navarro et al
EPI_ISL_419887	Servicio de Microbiología. Consorcio Hospital General Universitario de Valencia	Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health	Giuseppe D'Auria et al
EPI_ISL_496220		e Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health	Griselda De Marco et al B
EPI_ISL_416483		e Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health	Maria Alma Bracho et al
EPI_USL_416484		Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health	Maria Dolores Ocete et al (https://dx.doi.org/10.1101/2020. 04.20.050039)
EPI_SL_406223	Servicio de Microbiología. Consorcio Hospital General Universitario de	Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health	Marta Pla Diaz et al
		Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health	Neris Garcia-Gonzalez et al
EPI ISL 42019		e Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health	Paula Ruiz-Hueso et al
EPI ISL 65487	Valencia Servicio de Microbiología. Hospital Clínico Universitario de Valencia		David Navarro Ortega et al
EPI_SL_654000; EPI_SL_65470; EPI_SL_654014; EPI_SL_654005; EPI_SL_654500; EPI_SL_	Servicio de Microbiología. Hospital Universitario Donostía. OSI Donostialdea. Área de Enfermedades Infecciosas, Grupo de Infección Respiratoria y Resistencia Antimicrobiana. Instituto de Investigación Sanitaria Biodonostía	SeqCOVID-SPAIN consortium/IBV(CSIC)	Gustavo Cilla Eguiluz et al
EP_LSL_510421; EP_LSL_501047; EP_LSL_500001; EP_LSL_500007; EP_LSL_50007; EP_LSL_50007; EP_LSL_50007; EP_LSL_50007; EP_LSL_50007; EP_LSL_50007; EP_LSL_50007	Servicio de Microbiología. Hospital Universitario Donostia. OSI Donostialdea. Área de Enfermedades Infecciosas, Grupo de Infección Respiratoría y Resistencia Antimicrobiana. Instituto de Investigación Sanitaria Biodonostia		Gustavo Cilla et al
EPI_ISL_541115; EPI_ISL_541112; EPI_ISL_541100	Servicio de Microbiología. Hospital Universitario Donostia. OSI Donostialdea. Área de Enfermedades Infecciosas, Grupo de Infección Respiratoria y Resistencia Antimicrobiana. Instituto de Investigación Sanitaria Biodonostia	SeqCOVID-SPAIN consortium/Institute of Biomedicine of Valencia, IBV-CSIC	Gustavo Cilla et al
EPLISL_452637; EP_ISL_468869	Servicio de Microbiología. Hospital Universitario Donostía. OSI Donostialdea. Área de Enfermedades Infecciosas, Grupo de Infección Respiratoria y Resistencia Antimicrobiana. Instituto de Investigación Sanitaria Biodonostía.	SeqCOVID-SPAIN consortium/IBV(CSIC)	Gustavo Cilla et al
EPI_ISL_529010; EPI_ISL_529012	Servizio Igiene Epidemiologia e Sanità Pubblica (SIESP)-L'Aquita	Istitituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G.Caporale"	Lorusso A et al
EP_I.SL_520006	Servizio di igiene e sanità pubblica (SIESP)-Teramo	Istitituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G.Caporale"	Lorusso A et al
EP1_SL_520000; EP1_SL_520006; EP1_SL_520004; EP1_SL_520001; EP1_SL_520007; EP1_SL_520007; EP1_SL_520006; EP1_SL_52006; EP1_SL_52	Servizio di igiene epidemiologia e sanità pubblica (SIESP)-Chieti	Istitituto Zooprofilattico Sperimentale dell'Abruzzo e Molise "G.Caporale"	Lorusso A et al
EPUSL_71054; EPUSL_710547; EPUSL_710583	Sestre Milosrdnice University Hospital Center Shanghai Public Health Clinical Center, Shanghai Medical College,	Ruder Boškovic Institute; Forensic Science Centre Ivan Vučetić; University of Zagreb Faculty of Science	Robert Belužić et al
EP_ISL_416377	Fudan University	National Research Center for Translational Medicine (Shanghai), Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine & Shanghai Public Health Clinical Center	Shengyue Wang et al
EP_ISL_497950	Shaoxing CDC	Zhejiang Provincial Center for Disease Control and Prevention	Yin Chen et al
EP_I_SL_030119; EP_I_SL_030113; EP_I_SL_030114; EP_I_SL_730133; EP_I_SL_730130	Sharp HealthCare Laboratory	Andersen lab at Scripps Research	SEARCH Alliance San Diego with Aaron Harding et al
EPINE_SEZISE, EPINE_SEZISE CDI ISI SERVINE CDI INI SERVINE	Sheikh Khalifa Medical City	Molecular Surveillance lab Sheikh Khalifa Medical City	Amirtharaj Francis et al
EPI ISL 562008; EPI ISL 562074; EPI ISL 562075; EPI ISL 562009; EPI ISL 562009	Sheikh Khalifa Medical City Shanzhan Key Laboratory of Pathogan and Immunity National Clinical	Molecular/Surveillance lab Sheikh Khalifa Medical City	Amirtharaj Francis et al
EPI_ISL_40693	Shenzhen Key Laboratory of Pathogen and Immunity, National Clinica Research Center for Infectious Disease, Shenzhen Third People's Hospital	т сорга и гозриан	rang rang et ai
EP JSL_437187	Siloam Hospitals	Institute of Tropical Disease, Universitas Airlangga	Kazufumi Shimizu et al
EPI_ISL_482078; EPI_ISL_482879; EPI_ISL_482884; EPI_ISL_482880; EPI_ISL_482883; EPI_ISL_500390; EPI_ISL_500390; EPI_ISL_500395; EPI_ISL_610152; EPI_ISL_482881; EPI_ISL_509385	Singapore General Hospital	Department of Microbiology	Nurdyana Abdul Rahman et al Mak et al (https://dx.doi.org/10.2807/1580-7917 FS
EP_1SL_406973	Singapore General Hospital	National Public Health Laboratory	Mak et al (https://dx.doi.org/10.2807/1560-7917.ES. 2020.25.13.2000305)
EP_USL_407987	Singapore General Hospital Melagular Laboratory Division of	Programme in Emerging Infectious Diseases, Duke-NUS Medical School	Danielle E Anderson et al (https://dx.doi.org/doi/10.1101/2020. 03.11.987222)
EPI_SL_410337	Singapore General Hospital, Molecular Laboratory, Division of Pathology	Programme in Emerging Infectious Diseases, Duke-NUS Medical School	Danielle E Anderson et al (https://dx.doi.org/doi/10.1101/2020. 03.11.987222)
EP.158_759957	Siti Khodijah Hospital	Institute of Tropical Disease, Universitas Airlangga	Rima R Prasetya et al
EP1_ISL_534228, EP1_ISL_534228	Skanes universitetssjukhus Lund	The Public Health Agency of Sweden	Anna-Malin Linde et al
EPI_ISL_475099	Skovde/Unilabs Sorbonne Université, Inserm et Assistance Publique-Hôpitaux de Pari	The Public Health Agency of Sweden	Oskar Karlsson Lindsjo et al Mélanie Albert et al R (https://dx.doi.org/10.2807/1560-7917 FS
EP_ISL_00431	(Prite Salpetnere)		Mélanie Albert et al B (https://dx.doi.org/10.2807/1560-7917.ES. 2020.25.13.2000305)
EP 12, 45599; EP 13, 45599	South Eastern Area Laboratory Services	NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney	CIDM-PH et al. et al
EPI_ISL_62001; EPI_ISL_563740; EPI_ISL_563736; EPI_ISL_563789; EPI_ISL_563966; EPI_ISL_563906; EPI_ISL_569042; EPI_ISL_563722; EPI_ISL_563722; EPI_ISL_740867; EPI_ISL_740869; EPI_ISL_667797; EPI_ISL_563724; EPI_ISL_563781; EPI_ISL_563780	South Eastern Area Laboratory Services (SEALS)	NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney	CIDM-PH et al. et al
EP_I_SL_486281; EP_I_SL_486273; EP_I_SL_486278: EP_I_SL_486278; EP_I_SL_486313	Southern Community Labs Dunedin	Institute of Environmental Science and Research (ESR)	Matt Storey et al B
EPL/SL_579138; EPL/SL_579139	Southern Community Labs Dunedin Specialized Lab for COVID-19 Detection Department of Genetic	Institute of Environmental Science and Research (ESR)	Xiaoyun Ren et al
EPI_ISL_754109; EPI_ISL_754179; EPI_ISL_753700	Specialized Lab for COVID-19 Detection, Department of Genetic Engineering and Biotechnology Specialized Lab for COVID-19 Detection, Department of Genetic	Specialized Lab for COVID-19 Detection, Department of Genetic Engineering and Biotechnology Specialized Lab for COVID-19 Detection, Department of County Engineering and Biotechnology	Hammadul Hoque et al Md. Nazmul Hasan et al
EPL/SL_754099; EPL/SL_754173	Specialized Lab for COVID-19 Detection, Department of Genetic Engineering and Biotechnology Specialized Lab for COVID-19 Detection, Department of Genetic	Specialized Lab for COVID-19 Detection, Department of Genetic Engineering and Biotechnology	
EPI_SE_783701; EPI_SE_784177	Engineering and Biotechnology	Specialized Lab for COVID-19 Detection, Department of Genetic Engineering and Biotechnology	Numabi Azad Jewel et al
EPI_ISL_753697, EPI_ISL_754176	Specialized Lab for COVID-19 Detection, Department of Genetic Engineering and Biotechnology	Specialized Lab for COVID-19 Detection, Department of Genetic Engineering and Biotechnology	Shamsul H. Prodhan et al
EPI_SL_450347; EPI_SL_450346; EPI_SL_450352	St.Olavs hospital/NTNU	Institute of Genomics Core Facility, University of Tartu	Aleksandr lanevski et al Victor M Corman et al B (https://dv.doi.org/10.2807/1580.7017 ES
EPI_SE_412912	State Health Office Baden-Württemberg	Charité Universitätsmedizin Berlin, Institute of Virology	Victor M Corman et al B (https://dx.doi.org/10.2807/1560-7917.ES. 2020.25.13.2000305)
EPI_ISL_410046	State Key Laboratory for Diagnosis and Treatment of Infectious Diseases, National Clinical Research Center for Infectious Diseases, First Affiated Hospital, Zhejiang University School of Medicine, Hangzhou, China 310003	State Key Laboratory for Diagnosis and Treatment of Infectious Diseases, National Clinical Research Center for Infectious Diseases, First Affiliated Hospital, Zhejiang University School of Medicine, Hangzhou, China 310003	Hangping Yao et al (https://dx.doi.org/10.1056/NEJMoa2006100)
EPI_ISL_723012	State Laboratories Division, Hawaii State Department of Health State Research Center of Virology and Biotechnology VECTOR,	State Laboratories Division, Hawaii State Department of Health	Pamela O'Brien et al
EPI_ISL_428803; EPI_ISL_428803; EPI_ISL_428802; EPI_ISL_428809; EPI_ISL_428809; EPI_ISL_428809; EPI_ISL_428805	Department of Collection of Microorganisms	State Research Center of Virology and Biotechnology VECTOR, Department of Collection of Microorganisms	Oleg V. Pyankov et al
EPI_ISL_428898; EPI_ISL_428897; EPI_ISL_428974; EPI_ISL_428970; EPI_ISL_428901	State Research Center of Virology and Biotechnology VECTOR, Department of Collection of Microorganisms	State Research Center of Virology and Biotechnology VECTOR, Department of Collection of Microorganisms	Sergey A. Bodnev et al
EP J.SL_451695; EP J.SL_451692; EP J.SL_451694; EP J.SL_451695; EP J.SL_451695; EP J.SL_451695; EP J.SL_451695	State Sanitary Inspectorate	Laboratory of Recombinant Vaccines	Lukasz Rabalski et al
EP 154_461045; EP 154_461047; EP 154_461005; EP 154	Success County Emergency Hospital	Stefan cel Mare University Metagenomics Lab	Lobiuc Andrei et al. Lobiuc Andrei et al. et al
EPI_ISL_49108; EPI_ISL_49104; EPI_ISL_49108; EPI_ISL_49105; EPI_ISL_49105; EPI_ISL_49106; EPI_IS	Suceava County Emergency Hospital Suceava County Energency Hospital "Sf. Ioan cel Nou"	Stefan cel Mare University Metagenomics Lab SMU Metagenomics lab	Lobiuc Andrei et al. et al Lobiuc Andrei et al
E41 (15.4, 4005)4 EF1 (15. 464102	Suceava County Energency Hospital "St. loan cel Nou" Sundsyall	SMU Metagenomics lab The Public Health Agency of Sweden	Lobiuc Andrei et al Anna-Malin Linde et al
ET 158. 254244	Sundsvalls sjukhus	The Public Health Agency of Sweden	Anna-Malin Linde et al
EP) 54, 45947	Sunnybrook Health Sciences Centre	Department of Laboratory Medicine and Molecular Diagnostics, Sunnybrook Health Sciences Centre	Jalees A. Nasir et al

EPI_ISL_75980	Surabaya Public Health Office	Institute of Tropical Disease, Universitas Airlangga	Aldise M Nastri et al
EPIJSL_708010; EPIJSL_708798		NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney	CIDM-PH et al. et al
EP SL_43567	T.C. Sağlık Bakanlığı Adıyaman İl Sağlık Müdürlüğü Adıyaman Eğitim	VETAL Animal Health Products Company, BSL3+ Production Laboratuary, Turkey	Fatma Nilay Tutak et al
EPI_ISL_046651; EPI_ISL_064805	Ve Araştırma nastanesi TGen North	TGen North	Jolene Bowers et al
EP ISL_447903, EP ISL_447257, EP ISL_447257, EP ISL_457726, EP ISL_457726, EP ISL_457730, EP ISL_427397, EP ISL_427397, EP ISL_427397, EP ISL_436000, EP ISL_436009	TSGH-CP molecular lab	TSGH-CP molecular lab	Cherng-Lih Perng et al
EPI_ISL_411926	Taiwan Centers for Disease Control	Taiwan Centers for Disease Control	Ji-Rong Yang et al A (https://dx.doi.org/10.1080/22221751. 2020.1782271)
EPI_ISI_411927	Taiwan Centers for Disease Control	Taiwan Centers for Disease Control	Ji-Rong Yang et al D (https://dx.doi.org/10.2807/1580-7917.ES. 2020.25.13.2000305)
EPI_SL_735576; EPI_SL_735577; EPI_SL_735577; EPI_SL_735572; EPI_SL_735572; EPI_SL_735572; EPI_SL_735572; EPI_SL_735574; EPI_SL_756963	Temporary Specimen Collection Centre	Hong Kong Department of Health	Alan K.L. Tsang et al
EPI_ISL_411956	Texas Department of State Health Services	Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention	Krista Queen et al A
EPI_ISL_42089	The First Affiliated Hospital of Guangzhou Medical University	BGI-shenzhen & The First Affiliated Hospital of Guangzhou Medical University	Yangun Wang et al
EPI_ISL_425080	The First Affiliated Hospital of Guangzhou Medical University	BGI-shenzhen & The First Affiliated Hospital of Guangzhou Medical University	et al
EP 18. 69808; EP 18. 69808; EP 18. 69808; EP 18. 69808; EP 18. 57708; EP 18. 69808; EP 18. 57708; EP 18. 69809; EP 18. 59809; EP	The National Institute of Public Health	State Veterinary Institute Prague	Nagy et al
EPI_SL_471547, EPI_SL_471553, EPI_SL_471528, EPI_SL_471530	The National Institute of Public Health	State Veterinary Institute Prague and The National Institute of Public Health	Nagy et al
EP_LSL_541336	The National Institute of Public Health	Sidlištní 138/24 165 03, Prague Czech Republic	Nagy et al
EP_ISL_513512; EP_ISL_401118; EP_ISL_401119	The National Institute of Public Health	The National Institute of Public Health and State Veterinary Institute Prague	Nagy et al
EPI_SL_437519, EPI_SL_434572	The National Institute of Public Health Center for Epidemiology and Microbiology	The National Institute of Public Health Center for Epidemiology and Microbiology	Alexander Nagy et al
EP 18. 41786; EP 18.4. 41784; EP 18.4. 41784; EP 18.4. 41784; EP 18.4. 41786; EP 18.4. 41786; EP 18.4. 41786; EP 18.4. 417826; EP 18.4. 417826	The National University Hospital of Iceland	deCODE genetics	Daniel F Gudbjartsson et al (https://dx.doi.org/10. 1056/NEJMoa2006100)
EPI_SL_046156; EPI_SL_046157; EPI_SL_046161; EPI_SL_046161; EPI_SL_046154; EPI_SL_046154; EPI_SL_046156; EPI_SL	The Public Health Agency of Sweden	The Public Health Agency of Sweden	Anna-Malin Linde et al
EP_IsL_71082	The Public Health Agency of Sweden	The Public Health Agency of Sweden	Department of Microbiology et al
EP_LSL_738133	The Public Health Agency of Sweden	The Public Health Agency of Sweden	Oskar Karlsson Lindsjo et al
EPI_SL_75429; EPI_SL_75429; EPI_SL_754234; EPI_SL_754235; EPI_SL_754232; EPI_SL_754231	The Republican Research and Practical Center for Epidemiology and Microbiology (RRPCEM)	WHO National Influenza Centre Russian Federation	Elena Gasich et al
EP_LSL_480033	Tochigi Prefectural Institute of Public Health and Environmental Science	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka et al C (https://www.mednxiv.org/content/10. 1101/2020.07.01.20143958v1)
EP_ISL_47888	Tokyo Metropolitan Institute of Public Health	Pathogen Genomics Center, National Institute of Infectious Diseases	Tsuyoshi Sekizuka et al C (https://www.medrxiv.org/content/10. 1101/2020.07.01.20143958v1)
EP 18., 765746; EP 18.1, 765746; EP 18., 765746; EP 18., 756746; EP 18., 7	Toronto Invasive Bacterial Diseases Network	McMaster University	Allison McGeer et al
EPI_ISL_756736; EPI_ISL_756717; EPI_ISL_756720	Toronto Invasive Bacterial Diseases Network	McMaster University	David Richardson et al
EP_ISL_542888; EP_ISL_610258	TriCore Reference Laboratories	Center for Global Health, University of New Mexico Health Sciences Center	Daryl Domman et al
EPI_SL_717096; EPI_SL_717996; EPI_SL_717999; EPI_SL_717999; EPI_SL_717909; EPI_SL_717999; EPI_SL_717992; EPI_SL	Trinidad Public Health Laboratory	Carrington Lab, Department of PreClinical Sciences, Faculty of Medical Sciences, The University of the West Indies	Nikita S. D. Sahadeo et al
EPI_ISL_539819; EPI_ISL_539818	Tuen Mun Hospital	Hong Kong Department of Health	Alan K.L. Tsang et al
EP_LSL_S36919; EP_LSL_S36918 EP_LSL_745140	Tuen Mun Hospital Tygerberg Hospital wc TBH	Hong Kong Department of Health National Health Laboratory Service (NHLS), Tygerberg	Alam K.L. Tsang et al Susan Engelbrecht et al
EP_USL_538919; EP_USL_538918 EP_USL_745140 EP_USL_444010	Tuen Mun Hospital Tygerberg Hospital wc TBH U.S. Naval Medical Research Center Biological Defense Research Directorate	Hong Kong Department of Health National Health Laboratory Service (NHLS), Tygerberg U.S. Naval Medical Research Center Biological Defense Research Directorate	Alan K.L. Tsang et al Susan Engebrecht et al Voegfly et al
EP.JSL_536919, EPI_SL_536918 EP.JSL_745140 EP.JSL_444610 EPI_SL_448333	Tuen Mun Hospital Tygerberg Hospital wc TBH U.S. Naval Medical Research Center Biological Defense Research Drectorate UC San Diego Center for Advanced Laboratory Medicine	Hong Kong Department of Health Nasional Health Laboratory Service (NHLS), Tygerberg U.S. Naval Medical Research Center Biological Defense Research Directorate Andersen lab at Scripps Research	Alan K.L. Tsang et al Susan Engelbrecht et al Voegfly et al SEARCH Alliance San Diego with David Pride et al
EP.JSL_536919, EP.JSL_539618 EP.JSL_44610 EP.JSL_4463033 EP.JSL_418582; EP.JSL_418582; EP.JSL_418548	Tuen Mun Hospital Tygerberg Hospital wc TBH U.S. Naval Medical Research Center Biological Defense Research Detectorate UC San Diego Center for Advanced Laboratory Medicine UCO National Visus Reference Laboratory	Hong Kong Department of Health Nasional Health Laboratory Service (NHLS), Tygerberg U.S. Naval Medical Research Center Biological Defense Research Directorate Andersen lab at Scripps Research UCD National Virus Reference Laboratory	Alan K.L. Tsang et al Susan Engelbrecht et al Voegfly et al SEARCH Alliance San Diego with David Pride et al Michael Carr et al
EP_USL_538919, EP_USL_5389118 EP_USL_745140 EP_USL_444510 EP_USL_4445333 EP_USL_4433333 EP_USL_443535, EP_USL_418562, EP_USL_418548 EP_USL_537558	Tuen Mun Hospital Tygerberg Hospital wc TBH U.S. Naval Medical Research Center Biological Defense Research Derectorate UC San Diego Center for Advanced Laboratory Medicine UCD National Virus Reference Laboratory UCIA Pathology Clinical Microbiology Lab	Hong Kong Department of Health National Health Laboratory Service (NHLS). Tygerberg U.S. Naval Medical Research Center Biological Defense Research Directorate Anderson lab all Scripps Research UCD National Your Reference Laboratory Kruglysk Lab	Alan K.L. Tsang et al Susan Engelbrecht et al Voegfly et al SEARCH Alliance San Diego with David Pride et al Michael Carr et al Guo et al. et al
EP_USL_TASH0 EP_USL_TASH0 EP_USL_44450 EP_USL_483333 EP_USL_48853; EP_USL_418582; EP_USL_418548 EP_USL_575588 EP_USL_755179	Tuen Mun Hospital Tygerborg Hospital wc TBH U.S. Naval Medical Research Center Biological Defense Research Decicians U.S. son Diego Center for Advanced Laboratory Medicine U.CO National Vivus Reference Laboratory U.CLA Patthology Clinical Microbiology Lab U.CSD EXCITE lab	Hong Kong Department of Health National Health Laboratory Service (NHLS), Tygerberg U.S. Naval Medical Research Center Biological Defense Research Directorate Andersen lab at Scripps Research UCO National Virus Reference Laboratory Kruglyalk Lab Andersen lab at Scripps Research	Alan K.L. Tsang et al Susan Engelbrecht et al Voegly et al SEARCH Alliance San Diego with David Pride et al Michael Carr et al Guo et al. et al SEARCH Alliance San Diego et al
EPI_ISL_745140 EPI_ISL_745140 EPI_ISL_444810 EPI_ISL_444810 EPI_ISL_448303 EPI_ISL_418585; EPI_ISL_418582; EPI_ISL_418548 EPI_ISL_51756179 EPI_ISL_638125; EPI_ISL_628700; EPI_ISL_628700; EPI_ISL_628701	Tuen Mun Hospital Tygerberg Hospital wc TBH U.S. Naval Medical Research Center Biological Defense Research Decidanie U.S. San Diego Center for Advanced Laboratory Medicine U.C. San Diego Center for Advanced Laboratory Medicine U.C.D. National Virus Reference Laboratory U.C.D. Pathological Microbiology Lab U.S.D EXICITE lab U.HAS COVID-19 Lab	Hong Kong Department of Health National Health Laboratory Service (NHLS), Tygerfeerg U.S. Naval Medical Research Center Biological Defense Research Directorate Andersen lab at Scripps Research U.CO National Virus Reference Laboratory Krugsyak Lab Andersen lab at Scripps Research UHAS COVID-19 Lab	Alan K.L. Tsang et al Susan Engelbrecht et al Voegley et al SEARCH Alliance San Diego with David Pride et al Michael Carr et al SEARCH Alliance San Diego et al SEARCH Alliance San Diego et al Kwabena O. Duedu et al
EP_USL_745140 EP_USL_745140 EP_USL_444510 EP_USL_444510 EP_USL_445533 EP_USL_418565, EP_USL_418565, EP_USL_418548 EP_USL_537568 EP_USL_537569 EP_USL_537579 EP_USL_765179 EP_USL_765177; EP_USL_648124, EP_USL_626761; EP_USL_626761 EP_USL_747477; EP_USL_747481; EP_USL_747481	Tuen Mun Hospital Tygerberg Hospital wc TBH U.S. Naval Medical Research Center Biological Defense Research Drectorate U.C. San Diego Center for Advanced Laboratory Medicine U.C. Datafonal Virus Reference Laboratory U.C.LA Pathologo Cinical Microbiology Lab U.S.D EXCITE ab UHAS COVID-19 Lab ULSS 5 Potesana	Hong Kong Department of Health National Health Laboratory Service (NHLS), Tygerberg U.S. Naval Medical Research Center Biological Defense Research Directorate Andersen lab at Scripps Research UCD National Virus Reference Laboratory Knighysk Lab Andersen lab at Scripps Research UHAS COVID-19 Lab Istilkuto Zooprofitation Sperimentale dotle Venezie	Alan K.L. Tsang et al Susan Engelbrecht et al Voeghy et al SEARCH Alliance San Diego with David Pride et al Michael Carr et al Guo et al. et al SEARCH Alliance San Diego et al
EP_USL_539819; EP_USL_539818 EP_USL_444010 EP_USL_444310 EP_USL_483333 EP_USL_418563; EP_USL_418562; EP_USL_418548 EP_USL_537569 EP_USL_537569 EP_USL_537579 EP_USL_551776 EP_USL_564126; EP_USL_628124; EP_USL_628760; EP_USL_628761 EP_USL_747477; EP_USL_747481; EP_USL_747478 EP_USL_636466; EP_USL_536466	Tuen Mun Hospital Tygerberg Hospital wc TBH U.S. Naval Medical Research Center Biological Defense Research Decidanie U.S. San Diego Center for Advanced Laboratory Medicine U.C. San Diego Center for Advanced Laboratory Medicine U.C.D. National Virus Reference Laboratory U.C.D. Pathological Microbiology Lab U.S.D EXICITE lab U.HAS COVID-19 Lab	Hong Kong Department of Health National Health Laboratory Service (NHLS), Tygerberg U.S. Naval Medical Research Center Biological Defense Research Directorate Andersen lab at Scrippa Research UCD National Virus Reference Laboratory Krughyak Lab Andersen lab at Scrippa Research UHAS COVID-19 Lab Istitudo Zooprofilatioo Sperimentale delle Venezie Istitudo Zooprofilatioo Sperimentale delle Venezie	Alan K.L. Tsang et al Susan Engelbrecht et al Voegfly et al SEARCH Alliance San Diego with David Pride et al Michael Carr et al Guo et al. et al SEARCH Alliance San Diego et al Kwabena O. Duedu et al Adelaide Milani et al
EP_USL_745140 EP_USL_745140 EP_USL_444510 EP_USL_444510 EP_USL_445533 EP_USL_418565, EP_USL_418565, EP_USL_418548 EP_USL_537568 EP_USL_537569 EP_USL_537579 EP_USL_765179 EP_USL_765177; EP_USL_648124, EP_USL_626761; EP_USL_626761 EP_USL_747477; EP_USL_747481; EP_USL_747481	Tuen Mun Hospital Tygerberg Hospital vc TBH U.S. Naval Medical Research Center Biological Defense Research Drectorate U.S. San Diego Center for Advanced Laboratory Medicine U.C. National Virus Reference Laboratory U.C.LA Pathology Ciliciant Microbiology Lab U.S.S.D. E.X.C.TE isb UHAS COVID-19 Lab ULSS 5 Pideanna ULSS 6 Euganea	Hong Kong Department of Health National Health Laboratory Service (NHLS), Tygerberg U.S. Naval Medical Research Center Biological Defense Research Directorate Andersen lab at Scripps Research UCD National Virus Reference Laboratory Knighysk Lab Andersen lab at Scripps Research UHAS COVID-19 Lab Istilkuto Zooprofitation Sperimentale dotle Venezie	Alan K.L. Tsang et al Susan Engelbrecht et al Voegfly et al SEARCH Alliance San Diego with David Pride et al Michael Carr et al Guo et al. et al SEARCH Alliance San Diego et al Kwabena O. Duedu et al Adelaide Milani et al
EP_USL_745400 EP_USL_745400 EP_USL_446100 EP_USL_446100 EP_USL_4683033 EP_USL_4683033 EP_USL_468303 P_USL_418682; EP_USL_418640 EP_USL_575508 EP_USL_575508 EP_USL_755170 EP_USL_754776 EP_USL_746472; EP_USL_946124; EP_USL_747478 EP_USL_746477; EP_USL_747477; EP_USL_7474776 EP_USL_746465; EP_USL_7474776	Tuen Mun Hospital Tygerberig Hospital wc TBH U.S. Naval Medical Research Center Biological Defense Research Recount U.S. San Diego Center for Advanced Laboratory Medicine U.C. San Diego Center for Advanced Laboratory Medicine U.C. National Vivia Reference Laboratory U.C.A. Pathology Clinical Microbiology Lab U.C.S. DE ACTI. Exb U.H.A.S. COVID-19 Lab U.L.S.S. Polesana U.L.S.S. Distertio di Bussolengo	Hong Kong Department of Health National Health Laboratory Service (NHLS), Tygerberg U.S. Naral Medical Research Center Biological Defense Research Directorate Andersen lab at Scripps Research UCO National Virus Reference Laboratory Kruglysik Lab Andersen lab at Scripps Research UHAS COVID-19 Lab Istitudo Zooprofitatios Sperimentate delle Venezie	Alan K.L. Tsang et al Susan Engelbrecht et al Voegly et al SEARCH Alliance San Diego with David Pride et al Michael Care et al Guo et al. et al Guo et al. et al SEARCH Alliance San Diego et al Kwabena O. Duedu et al Adelaide Milani et al Adelaide Milani et al
EP_USL_745140 EP_USL_745140 EP_USL_44610 EP_USL_44610 EP_USL_463333 EP_USL_46850; EP_USL_418682; EP_USL_418548 EP_USL_575508 EP_USL_575508 EP_USL_5755179 EP_USL_564124; EP_USL_564124; EP_USL_564104; EP_USL_5620701 EP_USL_564124; EP_USL_574477; EP_USL_574481; EP_USL_574478 EP_USL_564565; EP_USL_574641; EP_USL_74478 EP_USL_564565; EP_USL_564666	Tuen Mun Hospital Tygerberg Hospital wc TBH U.S. Naval Medical Research Center Biological Defense Research Drectorate U.S. San Diego Center for Advanced Laboratory Medicine U.C. National Visus Reference Laboratory U.C.A. Pathology Cinicial Microbiology Lab U.C.A. Pathology Cinicial Microbiology Lab U.S.S. Folesanna U.S.S. Folesanna U.S.S. Euganea U.S.S. Euganea U.S.S. Garden di Bussolengo U.S.S. Garden and U.S. Garden de Laboratory U.S.S. Garden de Laboratory U.S.S. Garden de Laboratory U.S. Garden de Laboratory	Hong Kong Department of Health National Health Laboratory Service (NHLS), Tygerberg U.S. Naval Medical Research Center Biological Defense Research Directorate Andersen lab at Scripps Research U.CO National Virus Reference Laboratory Kruglyalk Lab Andersen lab at Scripps Research UHAS COVID-19 Lab Istitud Zooprofilation Sperimentate delle Venezie Istitud Zooprofilation Sperimentate delle Venezie Istitudo Zooprofilation Sperimentate delle Venezie	Alan K.L. Tsang et al Susan Engelbrecht et al Vosgfly et al SEARCH Alliance San Diego with David Pride et al Michael Carr et al Guo et al. et al SEARCH Alliance San Diego et al Kraberna O. Duedo et al Adetaide Milani et al
EP_USL_745140 EP_USL_745140 EP_USL_44610 EP_USL_44610 EP_USL_463033 EP_USL_416560; EP_USL_416562; EP_USL_416546 EP_USL_537566 EP_USL_557569 EP_USL_575579 EP_USL_564126; EP_USL_646124; EP_USL_628760; EP_USL_628761 EP_USL_747477; EP_USL_747481; EP_USL_747478 EP_USL_5646126; EP_USL_747473; EP_USL_747481; EP_USL_743266; EP_USL_566000; EP_USL_7433223 EP_USL_5646126; EP_USL_747473	Tuen Mun Hospital Tygerberg Hospital wc TBH U.S. Naval Medical Research Center Biological Defense Research Decicinate U.S. San Diego Center for Advanced Laboratory Medicine U.C.D. National Vivus Reference Laboratory U.C.D. National Vivus Reference Laboratory U.C.D. National Vivus Reference Laboratory U.C.D. Pathology Cilinical Microbiology Lab U.CS.D EXCITE lab U.H.S. D. Fydesans U.L.S. P. Pidesans U.L.S. S. Disareto di Bussidengo U.L.S. Se Scaligens U.L.S. Se Scaligens	Hong Kong Department of Health National Health Laboratory Service (NHLS), Tygerberg U.S. Naval Medical Research Center Biological Defense Research Directorate Andersen lab at Scripps Research U.CO National Virus Reference Laboratory Kruglyak Lab Andersen lab at Scripps Research U.HAS COVID-19 Lab Istihub Zooprofilation Sperimentate delle Venezie	Alan K.L. Tsang et al Susan Engelbrecht et al Voegfly et al SEARCH Alliance San Diego with David Pride et al Michael Carr et al Guo et al. et al SEARCH Alliance San Diego et al Kwabena O. Duedu et al Adelaide Milani et al Adelaide Milani et al Adelaide Milani et al Andelaide Milani et al
EP_USL_745440 EP_USL_444610 EP_USL_444610 EP_USL_443533 EP_USL_418695. EP_USL_4186962. EP_USL_418548 EP_USL_557569 EP_USL_755779 EP_USL_755779 EP_USL_755779 EP_USL_747477. EP_USL_74481. EP_USL_628760. EP_USL_628761 EP_USL_747477. EP_USL_74481. EP_USL_747478 EP_USL_747477. EP_USL_747481. EP_USL_747478 EP_USL_747477. EP_USL_747481. EP_USL_747478 EP_USL_747477. EP_USL_747481. EP_USL_747478 EP_USL_528699 EP_USL_528699 EP_USL_583696. EP_USL_732266. EP_USL_733226. EP_USL_733266. EP_USL_5600311. EP_USL_5600006. EP_USL_733223 EP_USL_5836966. EP_USL_5836967. EP_USL_5836961. EP_USL_5836966.	Tuen Mun Hospital Tygerberg Hospital wc TBH U.S. Naval Medical Research Center Biological Defense Research Drecitorate U.S. San Dego Center for Advanced Laboratory Medicine U.S. Dego Center for Advanced Laboratory Medicine U.C.D. Pathologic Oliciael Microbiology Lab U.C.D. Pathologic Oliciael Microbiology Lab U.S.S. Describe Laboratory U.S.S.S. Describe Laboratory U.S.S.S. Eugenea U.S.S.S. Eugenea U.S.S.S. Scaligera U.M.M.C. Health U.O. Microbiologia e Virdogia, Azienda Ospedallera Universitaria Senese, Sieneia, Bally	Hong Kong Department of Health National Health Laboratory Service (NHLS), Tygerberg U.S. Naval Medical Research Center Biological Defense Research Directorate Andersen lab at Scripps Research U.CO National Virus Reference Laboratory Krugsyak Lab Andersen lab at Scripps Research U.HAS COVID-19 Lab Istillub Zooprofilation Sperimentale delle Venezie	Alan K.L. Tsang et al Susan Engelbrecht et al Voegley et al SIGARCH Alliance San Diego with David Pride et al Michael Carr et al Goo et al. et al SEARCH Alliance San Diego et al Kwaberna O. Duedu et al Adelaide Milani et al Andelaide Milani et al
EP_USL_745160 EP_USL_745160 EP_USL_446170 EP_USL_446170 EP_USL_5475569 EP_USL_577569 EP_USL_577569 EP_USL_577569 EP_USL_577569 EP_USL_577569 EP_USL_757769 EP_USL_757769 EP_USL_757769 EP_USL_757776 EP_USL_757776 EP_USL_757776 EP_USL_757777 EP_USL_757776 EP_USL_7577776 EP_USL_757776 EP_USL_7577776 EP_USL_757776 EP_USL_757776 EP_USL_757776 EP_USL_757776 EP_USL_757776 EP_USL_757776 EP_USL_757776 EP_USL_757776 EP_USL_7577776 EP_USL_757777 EP_USL_757777 EP_USL_757777 EP_USL_757777 EP_USL_757777 EP_USL_75777 EP_USL_757777 EP_USL_757777 EP_USL_757777 EP_USL_75777 EP_USL_75777 EP_USL_75777 EP_USL_75777 EP_US	Tuen Mun Hospital Tygerberg Hospital wc TBH U.S. Naval Medical Research Center Biological Defense Research Drectorate U.C. San Diego Center for Advanced Laboratory Medicine U.C. San Diego Center for Advanced Laboratory U.C.A. Pathology Clinical Microbiology Lab U.C.A. Pathology Clinical Microbiology Lab U.C.S. DEXCITE lab U.H.S. S. Potesanna U.L.S. S. Euganea U.L.S. S. Euganea U.L.S. S. Euganea U.L.S. S. Brietel di Bussolengo U.L.S. S. Brietel di Bussolengo U.L.S. S. Brietel di Bussolengo U.M.C. Health U.C. Microbiologia e Virologia, Azenda Ospedaliera Universitaria Senece, Elema, Del	Hong Kong Department of Health National Health Latoratory Service (NHLS). TygerBerg U.S. Naval Medical Research Center Biological Defense Research Directorate Andersens lab at Sorippa Research UCD National Virus Reference Laboratory Krughyalk Lab Andersens lab at Sorippa Research UHAS COVID-19 Lab Istitudo Zooprofilation Sperimentate delle Venezie UNI Virology Istitudo Sperimentate delle Venezie UNI Virology Lab	Alan K.L. Tsang et al Susan Engelbrecht et al Voegfly et al SEARCH Alliance San Diego with David Pride et al Michael Carr et al Guo et al. et al SEARCH Alliance San Diego et al Kwabena O. Duedu et al Adelaide Milani et al Adelaide Milani et al Andelaide Milani et al Andelaide Milani et al Andelaide Milani et al Andelaide Rilani et al
EP_USL_745160 EP_USL_745160 EP_USL_446170 EP_USL_446170 EP_USL_5475569 EP_USL_577569 EP_USL_577569 EP_USL_577569 EP_USL_577569 EP_USL_577569 EP_USL_757769 EP_USL_757769 EP_USL_757769 EP_USL_757776 EP_USL_757776 EP_USL_757776 EP_USL_757777 EP_USL_757776 EP_USL_7577776 EP_USL_757776 EP_USL_7577776 EP_USL_757776 EP_USL_757776 EP_USL_757776 EP_USL_757776 EP_USL_757776 EP_USL_757776 EP_USL_757776 EP_USL_757776 EP_USL_7577776 EP_USL_757777 EP_USL_757777 EP_USL_757777 EP_USL_757777 EP_USL_757777 EP_USL_75777 EP_USL_757777 EP_USL_757777 EP_USL_757777 EP_USL_75777 EP_USL_75777 EP_USL_75777 EP_USL_75777 EP_US	Tuen Mun Hospital Tygerberg Hospital wc TBH U.S. Naval Medical Research Center Biological Defense Research Decidente U.S. San Diego Center for Advanced Laboratory Medicine U.C.D. National Vivus Reference Laboratory U.C.D. National Vivus Reference Laboratory U.C.D. Pathology Clinical Microbiology Lab U.CSD EXCITE lab U.HAS COVID-19 Lab U.LSS Potesana U.LSS Episanea U.LSS Episanea U.SSS Dasignea U.MMC-Decrebiologia e Victorija, Aufenda Ospedaliera Universitaria Seriese, Sieva, Isaly U.W Virology Lab U.W Virology Lab U.W Virology Lab	Hong Kong Department of Health National Health Laboratory Service (NHLS), Tygerberg U.S. Naval Medical Research Center Biological Defense Research Directorate Andersen lab at Scripps Research UCO National Virus Reference Laboratory Kruglyak Lab UHAS COVID-19 Lab Istikub Zooprofilation Sperimentate delte Venezie UHO Xooprofilation Sperimentate delte Venezie UHO Zooprofilation Sperimentate delte Venezie UW Verziegy Lab UW Verziegy Lab	Alan K.L. Tsang et al Susan Engelbrecht et al Voeghy et al SEARCH Alliance San Diego with David Pride et al Guo et al. et al Guo et al. et al SEARCH Alliance San Diego et al Krabena O. Duedu et al Adetaide Milani et al Adetaide Milani et al Adetaide Milani et al Adetaide Milani et al Pavita Roychoudhury et al A (https://doi.dx.org/10.1101/2020. 044220061417) Pavitas Roychoudhury et al B
EP_LSL_74540 EP_LSL_45100 EP_LSL_46400 EP_LSL_463333 EP_LSL_463333 EP_LSL_463533 EP_LSL_463533 EP_LSL_46405 EP_LSL_57559 EP_LSL_57559 EP_LSL_57559 EP_LSL_57559 EP_LSL_57559 EP_LSL_57559 EP_LSL_57559 EP_LSL_57579 EP_LSL_564125; EP_LSL_54115; EP_LSL_52070; EP_LSL_52070 EP_LSL_564125; EP_LSL_54115; EP_LSL_52070; EP_LSL_52070 EP_LSL_564125; EP_LSL_541415; EP_LSL_52070; EP_LSL_52070 EP_LSL_54147; EP_LSL_541415; EP_LSL_541415; EP_LSL_541419 EP_LSL_54147; EP_LSL_541415; EP_LSL_541415; EP_LSL_541419 EP_LSL_54147; EP_LSL_541415; EP_LSL_541415; EP_LSL_541419 EP_LSL_54147; EP_LSL_541415; EP_LSL_541419 EP_LSL_54147; EP_LSL_541419 EP_LSL_54147; EP_LSL_541419; EP_LSL_541419 EP_LSL_54147; EP_LSL_541419; EP_LSL_541419 EP_LSL_54147; EP_LSL_541419; EP_LSL_541419 EP_LSL_54147; EP_LSL_541419; EP_LS	Tuen Mun Hospital Tygerborg Hospital wc TBH U.S. Naval Medical Research Center Biological Defense Research Decicaries U.S. San Diego Center for Advanced Laboratory Medicine U.S. San Diego Center for Advanced Laboratory Medicine U.S. National Vivus Reference Laboratory U.C.A. Pathology Clinical Microbiology Lab U.S.S. Experiment U.S.S. Experiment U.S.S. Forlesans U.S.S. Forlesans U.S.S. Spealigene U.S.S. So Scaligene U.S.S. So Scaligene U.M. Workoody L. Laboratory U.W. Workoody L. Laboratory U.W. Workoody L. Laboratory U.W. Virology L. Laboratory U.W. Virology L. Laboratory U.Z. Leuven, National Reference Laboratory for Conneviruses, Laboratory Medicine, Leuven, Balgium	Hong Kong Department of Health National Health Laboratory Service (NHLS), Tygerberg U.S. Naval Medical Research Center Biological Defense Research Directorate Andersen lab at Scripps Research UCO National Virus Reference Laboratory Kruglyak Lab Andresen lab at Scripps Research UHAS COVID-19 Lab Istikub Zooprofilation Sperimentate delle Venezie UM Verziegy Lab KU Leuven, Rega Institute, Clinical and Epiderniological Virology	Alan K.L. Tsang et al Susan Engelbrecht et al Voeghy et al SEARCH Alliance San Diego with David Pride et al Guo et al. et al Guo et al. et al SEARCH Alliance San Diego et al Krabena O. Duedu et al Adetaide Milani et al Adetaide Milani et al Adetaide Milani et al Adetaide Milani et al Pavitas Roychoudhury et al A (https://doi.dx.org/10.1101/2020. 0442220901417) Pavitas Roychoudhury et al B Tony Wasvins-Bokalánga et al
EP_LS_125100 EP_LS_44510 EP_LS_445333 EP_LS_453333 EP_LS_45550 EP_LS_45550 EP_LS_57550 EP_	Tuen Mun Hospital Tygerbeig Hospital wc TBH U.S. Naval Medical Research Center Biological Defense Research December U.S. San Diego Center for Advanced Laboratory Medicine U.CO National Virus Reference Laboratory Medicine U.CO National Virus Reference Laboratory U.CLA Pathology Clinical Microbiology Lab U.CSS DEXCITE bib U.HAS COVID-19 Lab U.LSS 9 Dietestana U.LSS9 Expanse U.LSS9 Scaligers U.LSS9 Scaligers U.LSS9 Scaligers U.USS9 Undertoologia e Virologia, Azienda Ospedallers Universitaria Scenes, Elenti, Bally U.W. Wirology Lab U.W. Wirology Lab U.Z. Lezven, National Reference Laboratory for Coronaviruses, Laboratory Medicine, Lezven, Belgium U.ganda Central Public Health Lab and Uganda Virus Research Institute	Hong Kong Department of Health National Health Laboratory Service (NHLS), Tygerberg U.S. Naval Medical Research Centre Biological Defense Research Directorate Andersen lab at Scripps Research UCO National Virus Reference Laboratory Kruglysik Lab Andersen lab at Scripps Research UHAS COVID-19 Lab Islando Zooporfoliation Sperimentate delie Venezie Islando Zooporfoliation Sperimentate delie Venezie Islando Zooporfoliation Sperimentate delie Venezie Islando Zooporfoliation Sperimentate delle Venezie Islando Zooporfoliation Sperimentate delle Venezie Islando Zooporfoliation Sperimentate delle Venezie UNIVO National Influenzo Centre Russian Federation Dipartiment di Siliconologie Mediche UW Virology Lab KU Leuven, Rega Institute, Clinical and Epidemiological Virology MRCUVRI & LISHTM Uganda Research Unit	Alan K.L. Tsang et al Susan Engelbrecht et al Voegly et al SEARCH Alliance San Diego with David Pride et al Michael Care et al Guo et al. et al Guo et al. et al SEARCH Alliance San Diego et al Kwabena O. Duedu et al Adelaide Milani et al Publica Floydroudhury et al A (https://doi.dk.org/10.1101/2020. 04.02.2005/117) Pavilira Roychoudhury et al B Tony Wawina-Bokalangas et al
EP_LS_45808 EP_LS_45808 EP_LS_45803 EP_LS_45803. EP_LS_45803. EP_LS_45803. EP_LS_57509 EP_LS_57509 EP_LS_57509 EP_LS_58090. EP_LS_57509 E	Tuen Mun Hospital Tygerberg Hospital wc TBH U.S. Naval Medical Research Center Biological Defense Research Decidente U.S. San Dego Center for Advanced Laboratory Medicine U.C.S. Dego Center for Advanced Laboratory Medicine U.C.D. National Virus Reference Laboratory U.C.D. National Virus Reference Laboratory U.C.D. Pathology Clinical Microbiology Lab U.C.S. De EXCITE lab U.H.S. S. OVID-19 Lab U.L.S.S. Potesana U.L.S.S. Desarna U.L.S.S. Desarna U.L.S.S. Desarna U.L.S.S. Scrigera U.M.M.C-Health U.M.S. Scrigera U.M.M.C-Health U.W. Virologia, A Virologia, Asienda Ospedaliera Universitaria Seriese. Steva, Baly U.W. Virology Lab U.W. Virology Lab U.W. Virology Lab U.Z. Leuven, National Reference Laboratory for Coronaviruses, Laboratory Medicine, Leuven, Belgium U.ganda Central Public Health Lab and Uganda Virus Research Institute U.mas kinsk mikrobiologi U.nidsde de Pronto Atendimento Carlos Lourenco	Hong Kong Department of Health National Health Laboratory Service (NHLS). TygerBerg U.S. Naval Medical Research Center Biological Defense Research Directorate Andersen lab at Sorppa Research UCD National You Reference Laboratory Krughyak Lab Andersen lab at Sorppa Research UHAS COVID-19 Lab Istitudo Zooprofilation Sperimentate delle Venezie USV Wichlogory Lab IVV Virology Lab KU Leuven, Regal Institute, Cirrical and Epidemiological Virology MRCUVRI & LSHTM Uganda Research Unit MRCUVRI & LSHTM Uganda Research Unit The Pudic Health Agency of Sweden Instituto Adolfo Lutz, Interdiopinary Procedures Center, Stralegic Laboratory	Alan K.L. Tsang et al Susan Engelbrecht et al Voegly et al SEARCH Alliance San Diego with David Pride et al Michael Carr et al Guo et al. et al SEARCH Alliance San Diego et al Koubera O. Duedo et al Adelaide Milani et al Torsy Komissanov et al A Maria Grazia Cusi et al Pavilira Roychoudhury et al A (https://doi.dx.org/10.1101/2020. 04.02.20051417) Pavilira Roychoudhury et al B Torry Wareina-Bokalanga et al Matthew Cotten et al Dan Lule Bugembe et al (https://dx.doi.org/10.3201/exid2810.202575) Anna-Malin Linde et al Claudo Tavores Sacchi et al B
EP_LSL_55895. EP_LSL_469508 EP_LSL_465503 EP_LSL_465503 EP_LSL_46550. EP_LSL_46550. EP_LSL_46554. EP_LSL_46554. EP_LSL_46554. EP_LSL_557558 EP_LSL_557558 EP_LSL_557558 EP_LSL_557559 EP_LSL_56475. EP_LSL_56	Tuen Mun Hospital Typerbeing Hospital ver TBH U.S. Naval Medical Research Center Biological Defense Research U.S. San Diego Centre for Advanced Laboratory Medicine U.C. San Diego Centre for Advanced Laboratory Medicine U.C.D National Vivas Reference Laboratory Medicine U.C.S. Reference Laboratory Local Microbiology Lab U.C.S. DE ACVIT: Bib U.H.S. G. CVID-19 Lab U.L.S. S. Disherto di Bussolengo U.L.S. SS Scaligera U.L.S. SS Scaligera U.L.S. SS Scaligera U.M.M.C. Headil U.O.C. Microbiologia e Virologia, Asienda Ospedallera Universitaria Scenes, Genet, Bally U.W. Virology Lab U.Y. Virology Lab U.Y. Leuven, National Reference Laboratory for Coronaviruses, Laboratory Medicine, Leuven, Belgium U.ganda Central Public Health Lab and Uganda Virus Research Institute U.ganda Virus Research Institute U.mea kinisk mikrobiologi Undade de Pomto Alendmento Carlos Lourenco Unitabs	Hong Kong Department of Health National Health Laboratory Service (NHLS). TygerBerg U.S. Naval Medical Research Centre Biological Defense Research Directorate Anderson lab at Scripps Research UCD National Virus Reference Laboratory Kruglysik Lab Andreson lab at Scripps Research UHAS COVID-19 Lab Istitudo Zooporflottico Sperimentate delle Venezie Istitudo Z	Alan K.L. Tsang et al Susan Engelbrecht et al Voegly et al SEARCH Alliance San Diego with David Pride et al Michael Care et al Guo et al. et al SEARCH Alliance San Diego et al Kwabena O. Duedu et al Adelaide Milani et al Tory Willian Engelbrecht et al Tory Willian Engelbrecht et al Matthew Cotten et al Dan Lide Bugembe et al (https://dx.doi.org/10.1201/edd2610.202575) Anna-Malini Linde et al Claud Of Swews Sacchi et al B Department of Microbiology et al
EP_LSL_45860 EP_LSL_44600 EP_LSL_44600 EP_LSL_463333 EP_LSL_475532 EP_LSL_475522 EP_LSL_475522 EP_LSL_475522 EP_LSL_475522 EP_LSL_475522 EP_LSL_475522 EP_LSL_475422 EP_LSL_475423 EP_LSL_47	Tuen Man Hospital Tygerbeig Hospital wc TBH U.S. Naval Medical Research Center Biological Defense Research Reconsul U.S. San Diego Center for Advanced Laboratory Medicine U.C. San Diego Center for Advanced Laboratory Medicine U.C. National Virus Reference Laboratory Medicine U.C. National Virus Reference Laboratory Medicine U.C. San Depo Center Lab U.C. San Depo Center Lab U.C. San Depo Center Lab U.L.S. San Description U.L.S. San Description U.L.S. San Distretto di Bussolengo U.L.S. San Scaligera U.M. San Description U.S. San Scaligera U.M. Orc. Microbiologia e Virologia, Azenda Ospedallera Universitaria Senese, Sensi, Baly U.W. Virology Lab U.Y. Virology Lab U.Z. Lauven, National Reference Laboratory for Coronaviruses, Laboratory Medicine, Leuven, Belgium U.ganda Central Public Health Lab and Uganda Virus Research Institute Umas Kinisk mikrobiologi Unislabs Eskilsturia	Hong Kong Department of Health National Health Laboratory Service (NHLS). Tygerberg U.S. Naval Medical Research Centre Biological Defense Research Directorate Andersen lab at Scripps Research UCO National Virus Reference Laboratory Kruglyalk Lab URAS COVID-19 Lab Labitato Zooprofilation Sperimentate delle Venezie Istitudo Zooprofilation Sperimentate delle Venezie URAS COVID STANDER STAND	Alan K.L. Tsang et al Susan Engelbrecht et al Vesgly et al SEARCH Alliance San Diego with David Pride et al Michael Care et al Guo et al. et al SEARCH Alliance San Diego et al Kivabena O. Duedu et al Adelaide Milani et al Publis Roughoudhury et al A (https://doi.doi.org/10.1101/2020. Davids Roughoudhury et al A (https://doi.doi.org/10.1101/2020. Davids Roughoudhury et al A (https://doi.doi.org/10.3201/end2810.202575) Anna-Malin Linde et al Dan Lule Bugembe et al (https://doi.doi.org/10.3201/end2810.202575) Anna-Malin Linde et al Department of Microbiology et al Anna-Malin Linde et al
EP_LSL_55895. EP_LSL_469508 EP_LSL_465503 EP_LSL_465503 EP_LSL_46550. EP_LSL_46550. EP_LSL_46554. EP_LSL_46554. EP_LSL_46554. EP_LSL_557558 EP_LSL_557558 EP_LSL_557558 EP_LSL_557559 EP_LSL_56475. EP_LSL_56	Tuen Mun Hospital Typerbeing Hospital ver TBH U.S. Naval Medical Research Center Biological Defense Research U.S. San Diego Centre for Advanced Laboratory Medicine U.C. San Diego Centre for Advanced Laboratory Medicine U.C.D National Vivas Reference Laboratory Medicine U.C.S. Reference Laboratory Local Microbiology Lab U.C.S. DE ACVIT: Bib U.H.S. G. CVID-19 Lab U.L.S. S. Disherto di Bussolengo U.L.S. SS Scaligera U.L.S. SS Scaligera U.L.S. SS Scaligera U.M.M.C. Headil U.O.C. Microbiologia e Virologia, Asienda Ospedallera Universitaria Scenes, Genet, Bally U.W. Virology Lab U.Y. Virology Lab U.Y. Leuven, National Reference Laboratory for Coronaviruses, Laboratory Medicine, Leuven, Belgium U.ganda Central Public Health Lab and Uganda Virus Research Institute U.ganda Virus Research Institute U.mea kinisk mikrobiologi Undade de Pomto Alendmento Carlos Lourenco Unitabs	Hong Kong Department of Health National Health Laboratory Service (NHLS). TygerBerg U.S. Naval Medical Research Centre Biological Defense Research Directorate Anderson lab at Scripps Research UCD National Virus Reference Laboratory Kruglysik Lab Andreson lab at Scripps Research UHAS COVID-19 Lab Istitudo Zooporflottico Sperimentate delle Venezie Istitudo Z	Alan K.L. Tsang et al Susan Engelbrecht et al Voegly et al SEARCH Alliance San Diego with David Pride et al Michael Care et al Guo et al. et al SEARCH Alliance San Diego et al Kwabena O. Duedu et al Adelaide Milani et al Tory Willian Engelbrecht et al Tory Willian Engelbrecht et al Matthew Cotten et al Dan Lide Bugembe et al (https://dx.doi.org/10.1201/edd2610.202575) Anna-Malini Linde et al Claud Of Swews Sacchi et al B Department of Microbiology et al

EP. I.S., 783015; EP. I.S., 78302; EP. I.S., 783045; EP. I.S., 783046; EP. I.S., 783046; EP. I.S., 783016; EP. I.S., 783016; EP. I.S., 783016; EP. I.S., 783036; EP. I.S., 783035; EP. I.S., 783036; EP. I.S., 783	Unit 17: Influenza & Other Respiratory Viruses, German National Influenza Center	Project group Epidemiology of Highly Pathogenic Microorganisms, Robert Koch-Institute	Ariane Düx et al
EPI_ISL_411951	Unit for Laboratory Development and Technology Transfer, Public Health Agency of Sweden	Unit for Laboratory Development and Technology Transfer, Public Health Agency of Sweden	Bengner et al (https://dx.doi.org/10.2807/1560-7917.ES. 2020.25.13.2000305)
EPI_ISL_671654_EPI_ISL_671657_EPI_ISL_671666, EPI_ISL_6008011, EPI_ISL_671609, EPI_ISL_570019, EPI_ISL_580977, EPI_ISL_580905, EPI_ISL_570009, EPI_ISL_580997, EPI_ISL_580996, EPI_ISL_580997,	Unity Health Toronto	Ontario Institute for Cancer Research	Ramzi Fattouh et al
LM_IS_200255_EM_IS_200986/	Universidad Iberoamericana	International Centre for Genetic Engineering and Biotechnology (ICGEB) and ARGO Open Lab Platform	Robert Paulino-Ramirez et al
EPI_IS_ 52391; EPI_IS_ 52392	Universidad Iberoamericana, Instituto de Medicina Tropical & Salud	International Centre for Genetic Engineering and Biotechnology (ICGEB) and ARGO Open Lab Platform	Robert Paulino-Ramirez et al
	Global		
EPI_ISL_509793; EPI_ISL_607796	Universidad Regional Amazonica IKIAM Universidad de León	Institute of Microbiology, Universidad San Francisco de Quito SeoCOVID-SPAIN consortium/IBV/CSIC)	Fabian Aguilar et al Ana Carvaial et al
EP_ISL_537341 EP_ISL_58561	Universitäetsklinik für Innere Medizin II Innsbruck	SeqUOVID-SPAIN consortumviBV(CSIC) Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Ana Carvajai et al Alexandra Popa et al A
			Alexandra Popa et al A Alexandra Popa et al B (https://dx.doi.org/10.1101/2020.07.15.204339)
EPUSL_475992; EPUSL_475996	Universitaetsklinik für Innere Medizin II Innsbruck	Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	v1)
EPI_ISL_437981; EPI_ISL_437969; EPI_ISL_437902 EPI_ISL_437908	Universitaetsklinik für Innere Medizin II Innsbruck	Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Alexandra Popa et al B (https://www.biorxiv.org/content/10.1101/2020. 07.15.204339v1)
EP_ISL_629962	Universitas Airtangga Hospital	Institute of Tropical Disease, Universitas Airlangga	Jezzy R Dewantari et al
EP_ISL_52963	Universitas Airlangga Hospital	Institute of Tropical Disease, Universitas Airlangga	Rima R Prasetya et al
EPI_ISL_584247; EPI_ISL_584224; EPI_ISL_580978	Universitetssjukhuset i Linkoping	The Public Health Agency of Sweden	Anna-Malin Linde et al
EP_ISL_402990	University Clinical Centre of the Republic of Srpska	University of Sarajevo, Veterinary Faculty	Teufik et al (https://dx.doi.org/10.1101/2020.06.19.160606)
EPLISL_482753	University Clinical Hospital of Mostar	University of Sarajevo Veterinary Faculty	Goletic et al (https://dx.doi.org/10.1101/2020.06.19.160606)
EPI_SL_665162	University College London Hospital	COVID-19 Genomics UK (COG-UK) Consortium	Judith Heaney et al
EPI_ISL_724883	University College London, Great Ormond Street Hospital for Children NHS Foundation Trust, Imperial College Healthcare NHS Trust	COVID-19 Genomics UK (COG-UK) Consortium	Sergi Castellano et al
EPI_SL_581816, EPI_ISL_528063, EPI_ISL_527917; EPI_ISL_581837; EPI_ISL_581837; EPI_ISL_581762; EPI_ISL_581934; EPI_ISL_581892; EPI_ISL_582065; EPI_ISL_528087; EPI_ISL_528197; EPI_ISL_581897; EPI_ISL_581925; EPI_ISL_581925	University Hospital Basel, Clinical Virology	University Hospital Basel, Clinical Bacteriology	Madlen Stange et al
EPLISL_118273	University Hospital Basel, Clinical Virology	University Hospital Basel, Labormedizin	Hirsch et al
EPI_ISL_631381; EPI_ISL_631386, EPI_ISL_631379; EPI_ISL_631378; EPI_ISL_631380; EPI_ISL_631380; EPI_ISL_631384; EPI_ISL_631382; EPI_ISL_631387; EPI_ISL_631385; EPI_ISL_631386	University Hospital Cologne	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duesseldorf	Maximilian Damagnez et al
EPI ISI, 710655 EPI ISI, 710656 EPI ISI, 710566 EPI ISI, 710566 EPI ISI, 710565 EPI ISI, 710505 EPI ISI, 710505 EPI ISI, 710566 EPI ISI, 71056 EPI ISI, 7105	University Hospital Dubrava	Ruder Boškovic Institute; Forensic Science Centre Ivan Vučetić; University of Zagreb Faculty of Science	Robert Belužić et al
EPI_ISL_681739; EPI_ISL_681767; EPI_ISL_681765; EPI_ISL_681764; EPI_ISL_681764; EPI_ISL_681764; EPI_ISL_681769; EPI_ISL_681763; EPI_ISL_681769; EPI_ISL_681765; EPI_ISL_681765	University Hospital Limerick	Irish Coronavirus Sequencing Consortium - Teagasc Moorepark	Paul Cotter et al
EPI_ISL_483677; EPI_ISL_483670: EPI_ISL_483682	University Hospital Zurich	Department of Biosystems Science and Engineering, ETH Zürich	Christian Beisel et al
EPI_ISL_730634	University Hospital Zürich	Institute of Medical Virology, University of Zurich	Stefan Schmutz et al A
EPI_ISL_464688_EPI_ISL_464681; EPI_ISL_464692_EPI_ISL_464693	University Hospital for Infectious Diseases "Dr. Fran Mihaljević", Research Unit	University of Zagreb, Centre for research and knowledge transfer in biotechnology	Ivan-Christian Kurolt et al
EP. ISL, 799997; EP. ISL, 799996; EP. ISL, 20152; EP. ISL, 709007; EP. ISL, 709006; EP. ISL	Research Unit University Hospital of Northern Norway, Department for Microbiology and Infectious Disease Control	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen et al
	and Infectious Disease Control University Hospitals of Geneva Laboratory of Virology	University Hospitals of Geneva Laboratory of Virology	Laubscher F. et al
EP_ISL_415999; EP_ISL_415999; EP_ISL_415702; EP_ISL_415702; EP_ISL_415457; EP_ISL_415455; EP_ISL_415459 EP_ISL_738144	University riospitals of Geneva Laboratory of Virology University of Bari Biomedical Sciences and Human Oncology	University nospitals or Geneva Laboratory or virology University of Bari Biomedical Sciences and Human Oncology	Maria Chironna et al
EPI_ISL_700692	University of Bari, Valenzano, Italy	University or Barn Biomedical Sciences and numan Unicology Dept. Food safety, Nutrition and Veterinary Public Health, Istituto superiore di sanità	Mana Chironna et al N. Decaro et al
		Dept. Food salety, Nutrition and Veterinary Public Health, Isotuto superiore di sanita Istituto Zooprofilattico Sperimentale dell'Abruzzo e del Molise "G. Caporale".	N. Decaro et al
EPLISL_730053	University of Bari, Valenzano, Italy	Issituto Zoopronistico Sperimentale dell'Abruzzo e dei Molise G. Caporale : Central Biological Research Laboratory and Department of Biochemistry and Molecular Biology	N. Decaro et al H. M. Abdullah Al Masud et al
EPI_ISL_735500	University of Chittagong		
EP. IS., 75469. EP. IS. 375469 FP. IS. 37445. EP. IS. 47745. EP. IS. 47145. EP. IS. 47146. EP. IS. 47146. EP. IS. 47145. EP. IS. 47146. EP.	University of Chittagong University of Debrecen, Department of Medical Microbiology	Central Biological Research Laboratory and Department of Biochemistry and Molecular Biology National Laboratory of Virology, Szentágothai Research Centre	Mohammad Omar Faruque et al Endre Gábor Tóth et al
EPI_ISL_47/U11; EPI_ISL_470000; EPI_ISL_470070; EPI_ISL_477010; EPI_ISL_477000			
EPUSL_471992	University of Exeter	COVID-19 Genomics UK (COG-UK) Consortium	Ben Temperton et al
EPI_ISL_540485; EPI_ISL_540484: EPI_ISL_540447	University of Liège COVID-19 testing center	GIGA Medical Genomics	Keith Durkin et al A
EPI_ISL_707813	University of Michigan Clinical Microbiology Laboratory	Lauring Lab, University of Michigan, Department of Microbiology and Immunology	Valesano et al
EP SL_677142; EP SL_677726; EP SL_677726; EP SL_677736; EP SL_677736; EP SL_677737; EP SL_677737; EP SL_677376; EP SL_677376; EP SL_67736; EP SL_677376;	University of Szeged, Institute of Clinical Microbiology	National Laboratory of Virology, Szentágothai Research Centre	Endre Gábor Tóth et al
EPLISL_485389; EPLISL_485396; EPLISL_485395	University of Ulsan College of Medicine and Asan Medical Center	University of Ulsan College of Medicine and Asan Medical Center	Kuenyoul Park et al
EPI_ISL_418809	University of Wisconsin - Madison: Influenza Research Institute	University of Wisconsin Madison, AIDS Vaccine Research Laboratories	Katarina Braun et al
EPI_ISL_508699; EPI_ISL_607559; EPI_ISL_677599; EPI_ISL_509977; EPI_ISL_510481; EPI_ISL_541617	University of Wisconsin-Madison AIDS Vaccine Research Laboratories	University of Wisconsin-Madison AIDS Vaccine Research Laboratories	Gage Moreno et al
EPI_ISL_445231	Uppsala Narakut Aleris	The Public Health Agency of Sweden	Annika Nilsson et al
EPLISL_475518; EPLISL_475526	Uppsala Narakut Aleris	The Public Health Agency of Sweden	Oskar Karlsson Lindsjo et al
EPLISL_582780; EPLISL_623079; EPLISL_648130	Uppsala klinisk mikrobiologi	The Public Health Agency of Sweden	Anna-Malin Linde et al
EPI_ISL_676526; EPI_ISL_676525; EPI_ISL_676523	Uppsala klinisk mikrobiologi	The Public Health Agency of Sweden	Department of Microbiology et al
EPI_ISL_475119; EPI_ISL_475151; EPI_ISIL_475118	Uppsala klinisk mikrobiologi	The Public Health Agency of Sweden	Oskar Karlsson Lindsjo et al
EPI_ISL_708815; EPI_ISL_708816; EPI_ISL_708816; EPI_ISL_708818	Urban Institute for Disease Prevention and Control	National Institute of Health, Department of Medical Sciences, Ministry of Public Health, Thailand	Pilailuk Okada et al
EPI_SL_746865; EPI_SL_417026	Utah Public Health Laboratory	Utah Public Health Laboratory	Erin Young et al
EPI_SL_710576	VC Sorgenfrimottagningen	The Public Health Agency of Sweden	Department of Microbiology et al
EPLISL_708820	Vajira Hospital	National Institute of Health, Department of Medical Sciences, Ministry of Public Health, Thailand	Pilailuk Okada et al
EPI_ISL_700462	Vanguard CHC wc VGC	NHLS/UCT	Arash Iranzadeh et al
EPI_ISL_445233	Vardcentralen Brinken	The Public Health Agency of Sweden	Agnes Wigh et al
EPLJSL_580619; EPLJSL_549051; EPLJSL_560683; EPLJSL_560390	Vestfold Hospital, Toensberg Department of Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen et al
EP_ISL_420137	Vestfold Hospital, Tonsberg Department of Microbiology	Norwegian Institute of Public Health, Department of Virology	Kathrine Stene-Johansen et al
EPI_USL_437435; EPI_USL_437436	Veterinary Specialized Institue Kraljevo	Veterinary Specialized Institue Kraljevo	Dejan Vidanovic. Bojana Tesovic et al
EP. ISL 544576; EPI. ISL 544580; EPI. ISL 562500; EPI. ISL 562500; EPI. ISL 544580; EPI. ISL 544580; EPI. ISL 54250; EPI. ISL 562527; EPI. ISL	Veterinary Specialized Institute "Kraljevo", Serbia	Veterinary Specialized Institute "Kraljevo", Serbia	Vidanovic et al
EP_1, 15_7, 16_7, 15_7, 15_7, 16_7,	Veterinary Specialized Institute "Sabac", Serbia	Veterinary Specialized Institute "Kratjevo", Serbia	Vidanovic et al
EPI_USL_464796	Veterinary Specialized Institute Kraljevo	Veterinary Specialized Institute Kraljevo	Vidanovic et al
	,	• • • • • • • • • • • • • • • • • • • •	

EPI_ISL_708823 Vibharam Hospital National Institute of Health, Department of Medical Sciences, Ministry of Public Health, Thailand Pilailuk Okada et al EPI_ISL_700596 Victoria Hospital wc VHW Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory, Doherty Institute Victorian Infectious Diseases Reference Laboratory (VIDRL) Caly L. et al E EPI ISL 456420 EPI_ISL_522105; EPI_ISL_5220253; EPI_ISL_480728; EPI_ISL_480734; EPI_ISL_480781; EPI_ISL_480781; EPI_ISL_580779; EPI_ISL_52109; EPI_ISL_521499; EPI_ISL_521499; EPI_ISL_521490705; EPI_ISL_518169; EPI_ISL_52110; EPI_ISL_52110; EPI_ISL_521499; EPI_ISL_52149 Victorian Infectious Diseases Reference Laboratory (VIDRL) VIDDL and MDLLDHI Calv Latel B FPI ISI 561517 Victorian Infectious Diseases Reference Laboratory (VIDRL) VIDRI and MDU-PHI Calvet al B Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory, Doherty EPI_ISL_416415; EPI_ISL_419774; EPI_ISL_419888 Caly L. et al A (https://dx.doi.org/10.1101/2020.05.12.20099929 EPI ISL 560394; EPI ISL 560393; EPI ISL 560395; EPI ISL 560396; EPI ISL 560404; EPI ISL 560407; EPI ISL 560407 Institute of Biotechnology, Life Sciences Center, Vilnius University and Thermo Fisher Scientific Justinas Slikas et al EP I.S., 728866; EPI. IS., 737626; EPI. IS., 737666; EPI. IS., 737666; EPI. IS., 737666; EPI. IS., 737660; EPI. IS., 737606; EPI. IS., 737 Department of Biosystems Science and Engineering, ETH Zürich Chaoran Chen et al EP | S. 27860 F. P. | S Viollier AG Department of Biosystems Science and Engineering, ETH Zürich Christian Baisal at al EPI ISL 447247, EPI ISL 42084; EPI ISL 420840; EPI ISL 427940; EPI ISL 437940; EPI ISL 437940; EPI ISL 420031; EPI ISL 420031; EPI ISL 438786; EPI ISL 43869; EPI ISL 435161; EPI ISL 437555; EPI ISL 417946; Viral Respiratory Lab, National Institute for Biomedical Research Placide Mbala-Kingebeni et al A (https://virological.org/l/phylogenetic-analysis-of-sars-cov-2-in-drc/528) Pathogen Sequencing Lab, National Institute for Biomedical Research (INRB) EP | ISL _513997; EP | ISL _471412; EP | ISL _471411; EP | ISL _479499; EP | ISL _498499; EP | ISL _527495; EP | ISL _527500; EP | ISL _52 Viral Respiratory Lab, National Institute for Biomedical Research (INRB) Pathogen Sequencing Lab, National Institute for Biomedical Research (INRB) Placide Mbala-Kingebeni et al B FPI ISI 522796 Virginia DCLS Virginia DCLS Virginia DCLS et al. firoGenetics - BSL3 Laboratory of Virology, Human Genome Variation Research Group & Genomics Centre MCB; Bioinformatics Research ViroGenetics - BSL3 Laboratory of Virology; Human Genome Variation Research Group & Genomics Centre MCB; Bioinformatics
Research Group Department of Virology

Aleksandra Milewska et al EPI_ISL_416488 Research Group & Genomics Group Department of Virology ViroGenetics - BSL3 Laboratory of Virology; Human Genome Variation Research Group & Genomics Centre MCB; Bioinformatics Research Group: Wojewódzka Stacia Sanitarno-Epidemiologiczna w Krakowie ViroGenetics - BSL3 Laboratory of Virology; Human Genome Variation Research Group & Genomics Centre MCB; Bioinformatics
Wojciech Branicki et al EPI ISL 428930 EP) ISL, 435416; EP] ISL, 435417; EP] ISL, 435426; EP] ISL, 435426; EP] ISL, 435426; EP] ISL, 435436; EP] IS Virological Research Group, Szentágothai Research Centre Bioinformatics Research Group, Szentágothai Research Centre Virology Department, Royal Infirmary of Edinburgh, NHS Lothian / School of Biological Sciences, University of Edinburgh / Institute of Genetics and Molecular Medicine, University of Edinburgh McHugh M et al. A (https://virological.org/l/preliminary-analysis-of-sars-cov-2-importation-establishment-of-uk-transmission-lineages/507) COVID-19 Genomics UK (COG-UK) Consortium EPI ISL 425842 Virology Department, Royal Infirmary of Edinburgh, NHS Lothian / School of Biological Sciences, University of Edinburgh / Institute of Genetics and Molecular Medicine, University of Edinburgh EPI_ISL_651428; EPI_ISL_493971; EPI_ISL_493973; EPI_ISL_493969; EPI_ISL_493965; EPI_ISL_507184 COVID-19 Canomics LIK (COC-LIK) Consortium McHugh M et al B EPI ISL 636987 Virology Lab. National Institute for Biomedical Research (INRB) Project group Epidemology of Highly Pathogenic Microorganisms, Robert Koch-Institute Jean-Jacques Muvembe Tamfum et al Virology Lab, Department of Pathology, National Cheng Kung EPI_ISL_494747 Virology Lab, Department of Pathology, National Cheng Kung University Hospital Huev-Pin Tsai et al EPI_ISL_677635; EPI_ISL_677636; EPI_ISL_677634; EPI_ISL_625456; EPI_ISL_508862; EPI_ISL_508863 Virology Unit, Institut Pasteur de Madagascar Virology Unit, Institut Pasteur du Cambodge (Sequencing done by: Jessica E Manning/Jennifer A Bohl at Malaria and Vector Research Research Laboratory, National Institute of Allergy and Infectious Diseases and Vida Ahyong from Chan-Zuckerberg Erik A Karlsson et al (https://dx.doi.org/10.2807/1560-7917.ES. 2020.25.13.2000305) EPI_ISL_411902 Virology Unit, Institut Pasteur du Cambodge. National Centre for Communicable Deseases (NCCD) EPI ISL 467666 Virology lab, NIC, NCCD, Ulaanbaatar, Mongolia Naranzul Ts et al Virology laboratory Ministry of Health Kuwait sequenced at Dasman Diabetes Institute EPI ISL 416458 Dasman Diabetes Institute Fahd Al-Mulla et al EPI ISL 610245 Virology, National Institute for Biological Standards and Control Virology, National Institute for Biological Standards and Control Mee et al Virology, Universitätsklinikum des Saarlandes Epigenetics, Saarland University Kathrin Kattler et al Virus Molecular Laboratory of the Microbiology and Virology Department EPI ISL 568579 INMI Lazzaro Spallanzani IRCCS Cesare E.M. Gruber et al B EPI ISL 722201 Vitalis Mostar Alea Genetic Center Salihefendic L. et al EP | ISL_524015; EP | ISL_524026; EP | ISL_524026; EP | ISL_524022; EP | ISL_730315; EP | ISL_730317; EP | ISL_730327; EP | ISL_730259; EP | ISL_730325; EP | ISL_730326; EP | ISL_730302; EP | ISL_730302; EP | ISL_507226; EP | I WHO National Influenza Centre Russian Federation WHO National Influenza Centre Russian Federation Andrey Komissarov et al A Andrey Komissarov et al B (https://dx.doi.org/10.1101/2020. 07.14.20150979) WHO National Influenza Centre Russian Federation EPI_ISL_430070; EPI_ISL_430111; EPI_ISL_427313; EPI_ISL_427339; EPI_ISL_430110; EPI_ISL_450247; EPI_ISL_450264; EPI_ISL_450253; EPI_ISL_450263; EPI_ISL_420080; EPI_ISL_430071 WHO National Influenza Centre Russian Federation EPI_ISL_548101; EPI_ISL_548064 EPI_ISL_418114; EPI_ISL_420962; EPI_ISL_432421; EPI_ISL_445497; EPI_ISL_419438 Wales Specialist Virology Centre Public Health Wales Microbiology Cardiff Catherine Moore et al A (https://virological.org/t/preliminary-analysis-sars-cov-2-importation-establishment-of-uk-transmission-lineages/50 Wales Specialist Virology Centre Sequencing lab: Pathogen Genomics COVID-19 Genomics UK (COG-UK) Consortium Unit EPI ISL 577459; EPI ISL 560262 Catherine Moore et al B EPI_ISL_463597; EPI_ISL_463623; EPI_ISL_463592; EPI_ISL_463603 Seattle Flu Study Washington State Department of Health Chu et al et al Washington State Department of Health Seattle Flu Study EPI_ISL_497623; EPI_ISL_495899 Deborah A. Nickerson et al EPI_ISL_451346; EPI_ISL_451370; EPI_ISL_451344; EPI_ISL_451334; EPI_ISL_451345 West China Hospital of Sichuan University West of Scotland Specialist Virology Centre, NHSGGC / MRC-University of Glasgow Centre for Virus Research EPI_ISL_704807; EPI_ISL_724210; EPI_ISL_704804; EPI_ISL_540780; EPI_ISL_484620; EPI_ISL_461597 COVID-19 Genomics UK (COG-UK) Consortium Ana da Silva Filipe et al B (https://virological.org/t/preliminary-analysis of-sars-cov-2-importation-establishment-of-uk-transmission-West of Scotland Specialist Virology Centre, NHSGGC / MRC-University of Glascow Centre for Virus Research EPI ISL 453070: EPI ISL 439014: EPI ISL 456824 COVID-19 Genomics UK (COG-UK) Consortium EPI ISL 408670 Wisconsin Department of Health Services Pathogen Discovery, Respiratory Viruses Branch, Division of Viral Diseases, Centers for Disease Control and Prevention Jing Zhang et al A (https://dx.doi.org/10.1101/2020.03.09.20032896) EPI ISL 708812; EPI ISL 708813 World Medical Hospital National Institute of Health, Department of Medical Sciences, Ministry of Public Health, Thailand Pilailuk Okada et al Worobey Lab, Department of Ecology and Evolutionary Biology, University of Arizona Worobey Lab, Department of Ecology and Evolutionary Biology, University of Arizona EPI_ISL_454981; EPI_ISL_454928; EPI_ISL_454955; EPI_ISL_454956 Wuhan Chain Medical Labs (CMLabs) EPI ISL 412899 Bin Fang et al (https://dx.doi.org/10.1101/2020.03.04.976662) EPI_ISL_402124; EPI_ISL_402129 Wuhan Jinyintan Hospital Wuhan Institute of Virology, Chinese Academy of Sciences Peng Zhou et al EPI_ISL_614260; EPI_ISL_614261; EPI_ISL_614259; EPI_ISL_614264 Wyoming Public Health Laboratory Center for Global Health, University of New Mexico Health Sciences Center EPI_ISL_765966; EPI_ISL_765965; EPI_ISL_756164; EPI_ISL_756189 Wyoming Public Health Laboratory

EP_ISL_831897; EP_ISL_733524; EP_ISL_733524; EP_ISL_733525; EP_ISL_718042; EP_ISL_788906; EP_ISL_538900; EP_ISL	ZOTZ KLIMAS MVZ Dássekkorf-Centnum GBR ÚBAG für Labormedism, Genetik, Zykloge, Palrtulöge	Center of Medical Microbiology, Virology, and Hospital Hygiene, University of Duessedorf	Maximilian Damagnez et al
EPL/SL_479903, EPL/SL_479904, EPL/SL_478904, EPL/SL_478905	Zentralinstitut für medizinische und chemische Labordiagnostik, Universitätskliniken Insbruck	Bergthaler laboratory, CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences	Alexandra Popa et al B (https://dx.doi.org/10.1101/2020.07.15.204339 v1)
EPI_ISL_404228	Zhejiang Provincial Center for Disease Control and Prevention	Department of Microbiology, Zhejjang Provincial Center for Disease Control and Prevention	Yanjun Zhang et al
EPI_JSL_660070	Zurita & Zurita Laboratorios	Zurita & Zurita Laboratorios	Gabriela Sevillano Camilo Zurita-Salinas Karen Loaiza David Ortega- Paredes Jeannete Zurita et al
EPI_ISL_881702	Zurita & Zurita Laboratorios	Zurita & Zurita Laboratorios	Gabriela Sevillano et al
EPI_ISL_588541	Zydus Medical Hospital, Dahod	Gujarat Biotechnology Research Centre	Zuber Saiyed et al
EP 18. 469446 [P) 18. 469145 [P) 18. 469145 [P] 18. 469105 [P) 18. 469105 [P] 18.	[Romania, Bucharest] National Institute for Infectious Diseases "Prof Dr. Matei Balş"	[Romania, Bucharest] National Institute for Infectious Diseases "Prof. Dr. Matei Balş"	Leontina Banica et al
EPI_ISL_560578	hőpital	National Reference Center for Viruses of Respiratory Infections, Institut Pasteur, Paris	Sylvie Behilfil et al
EPI_ISL_454574	nstitute for Public Health	Laboratory for advanced genomics	Filip Rokić et al
EPLISL_024800	Evandro Chagas Institute	Evandro Chagas Institute	Santos et al